Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA8800010763
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0097
4. Manifest Tracking Number: 001675602 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: S & J TRANSportation CO INC
U.S. EPA ID Number: NJD071629976

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II	1	DF	80	P	F001 F003 U210 F002 F005 U220
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II	3	DM	297	P	F001 F003 U210 F002 F005 U220
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:133 W:255276 RAGS WITH PAINT 2) ERG:133 W:255276 RAGS WITH PAINT

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

GENERATOR

Generator's/Offeror's Printed/Typed Name: X David Lin
Signature: X
Month 01 Day 30 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Ryan
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: Todd Easley
Signature: Todd Easley
Month 2 Day 5 Year 19

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H061 2. H061 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Brittany Blankenship
Signature:
Month 12 Day 6 Year 19

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Manifest Tracking Number: 001675602 VES

5. Generator's Name and Mailing Address
HAZARDOUS WASTE-PN PLANT FACIL
MAIN PARKING AREA BLDG F160 MAIL CODE 2509W
WALLOPS ISLAND, VA 23337

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 2509W
WALLOPS ISLAND, VA 23337

Generator's Phone:

6. Transporter 1 Company Name
DECON TECHNICAL SOLUTIONS
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
130 INTERMART ROAD
WEST CARROLLTON OH 45449
U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UNLISTED HAZARDOUS WASTE, LIQUID, N.O.S. (ORGANIC [illegible] CONTAINING MODERATE AMOUNT OF LEAD), 9, III	[illegible]	[illegible]	[illegible]	P	F001	F005	D240
						D002	F003	D226
X	2. UNLISTED HAZARDOUS WASTE, LIQUID, N.O.S. (ORGANIC [illegible] CONTAINING MODERATE AMOUNT OF LEAD), 9, III	[illegible]	[illegible]	[illegible]	P	F001	F003	D216
						D002	F005	D220
	3.							
	4.							

14. Special Handling Instructions and Additional Information
EPA Service Contract No. [illegible] - Contract returned by generator center
[illegible] on behalf transporter to ads or substitute additional transporter on generator's behalf [illegible]
[illegible] PAINT 20 BBG [illegible] W 25276 RAGS WITH PAINT

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Lu
Signature: X
Month | Day: 30 | Year

GENERATOR

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jose Rubio
Signature
Month | Day: 30 | Year: 19

Transporter 2 Printed/Typed Name
Signature
Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month | Day | Year

Land Disposal Restriction Notification Form

Generator Name NASA/GSFC WALLOPS FLIGHT FACIL

EPA ID Number VA8800010763 Manifest 001675602VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3218492000-002 (1/ 1)

WIP / Approval Code:	255276 / SRRCCSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035, D039, D040, F001, F002, F003 ~~(NONE)~~ SK, F005 ~~(NONE)~~ SK, U210, U220
Constituents (F001 - F005):	None
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3218492000-001 (1/ 2)

WIP / Approval Code:	255276 / SRRCCSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035, D039, D040, F001, F002, F003 ~~(NONE)~~ SK, F005 ~~(NONE)~~ SK, U210, U220
Constituents (F001 - F005):	None
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 1/30/19

PACKING SUMMARY

Generator Number: 437550
NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA8800010763

Manifest Number: 001675602VES
Field System ID: P8
Work Order Number: 3218492000
Date Shipped: 01/29/2019

Container#: P8-3218492000-002 Waste Area: Manifest Page/Line: 01 / 1

WIP: 255276 DisposalCode: SRRCCSOLID-LT PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: 01 Outer Container: 301H2-DF Inner Container:

Primary Waste Codes: F001,F002,F003,F005,U210,U220 PCB Serial #: OOS Date: / /

Total Cmns Wt: 80 SIC: 9661 Source: G06 Form: W409 System: H061 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 80 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		RAGS WITH PAINT [100%]	F001, F002, F003, F005, U210, U220, D001, D035, D039, D040

Container#: P8-3218492000-001 Waste Area: Manifest Page/Line: 01 / 2

WIP: 255276 DisposalCode: SRRCCSOLID-LT PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: 03 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: F001,F002,F003,F005,U210,U220 PCB Serial #: OOS Date: / /

Total Cmns Wt: 297 SIC: 9661 Source: G06 Form: W409 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 99, 99, 99 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		RAGS WITH PAINT [100%]	F001, F002, F003, F005, U210, U220, D001, D035, D039, D040

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA8800010763
2. Page 1 of: 2
3. Emergency Response Phone: (877) 813-0087
4. Manifest Tracking Number: 001675603 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, TOLUENE), 3, II, RQ (D001)	1	DM	300	P	U002	D007	D035
						D001	D018	
X	2. UN1170, WASTE ETHANOL, 3, II	1	DF	30	P	D001		
X	3. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (GASOLINE FILTERS), 4.1, II	1	DF	75	P	D001		
						D018		
X	4. UN2794, WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, RQ (D008)	1	DF	50	P	D002		
						D008		

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf -|- 1) ERG:128 W:323050 FLAMMABLE LOOSEPACK 2) ERG:127 W:306276 PLC 3) ERG:133 W:917991 GASOLINE FILTERS 4) ERG:154 W:805243 LEAD ACID BATTERIES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Liu
Signature: X
Month 01 Day 30 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: Cornell Moore
Signature:
Month 2 Day 4 Year 19

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. H141 4. H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: LEONARD BECK
Signature:
Month 02 Day 05 Year 19

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: VA8900010763

22. Page: 2 of 2

23. Manifest Tracking Number: 001675603VES

24. Generator's Name: NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
X	5. UN3506, MERCURY CONTAINED IN MANUFACTURED ARTICLES, 8 (6.1)	1	DF	40	P	NONE
X	6. UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8	1	DF	40	P	NONE
X	7. UN3480, LITHIUM ION BATTERIES, 9	1	DF	25	P	NONE
X	8. UN3090, LITHIUM METAL BATTERIES, 9	1	DF	15	P	NONE
	9. BATTERIES, DRY, SEALED, n.o.s.	2	DF	120	P	NONE RW703
	10.FLUORESCENT TUBES, DESTINED FOR RECYCLING	2	DF	150	P	NONE

32. Special Handling Instructions and Additional Information 5) ERG:172 W:891023 HID LAMPS 6) ERG:154 W:402477 NICAD BATTERIES 7) ERG:147 W:844651 LITHIUM ION BATTERIES 8) ERG:138 W:844650 LITHIUM METAL BATTERIES 9) W:321310 ALKALINE BATTERIES 10) W:555650 FLUORESCENT LAMPS

Cornell Fitzhugh — Cornell Fitzhugh — 2 4 12

GENERATOR

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name — Signature — Month — Day — Year

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

H141 | H141 | H141 | H141 | H141

H141

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

ase print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	VA8800010763	2	(877) 818-0087	001675603 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, LLC
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 212 528-3996
U.S. EPA ID Number: NCD986160338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1994, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, TOLUENE), 3, II, RQ (D001)	1	DM	300	P	U002	D007	D035
						D001	D016	
X	2. UN1170, WASTE ETHANOL, 3, II	1	DF	30	P	D001		
X	3. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (GASOLINE FILTERS), 4.1, II	1	DF	75	P	D001		
						D018		
X	4. UN2794, WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, RQ (D008)	1	DF	50	P	D002		
						D008		

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) ERG:128 W:323050 FLAMMABLE LOOSEPACK 2) ERG:127 W:306276 PLC 3) ERG:133 W:917991 GASOLINE FILTERS 4) ERG:154 W:805243 BROKEN LEAD ACID BATTERIES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Liu
Signature: X [signature]
Month: 01 Day: 30 Year: 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month: 1 Day: 30 Year: 19
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number VA9 3 0 0 1 0 7 6 3	22. Page 2 of 2	23. Manifest Tracking Number 001675603VES

24. Generator's Name NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name | U.S. EPA ID Number

26. Transporter _____ Company Name | U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
X	5. UNIFOR, MISC DRY CONTAINED IN MANUFACTURED ARTICLES 9 (U)	1	DF	40	P	NONE		
X	6. UNIFOR BATTERIES, WET FILLED WITH ALKALI ELECTRIC STORAGE, 8	1	DF	40	P	NONE		
X	UN3480 LITHIUM ION BATTERIES, 9	1	DF	25	P	NONE		
X	8. UNIFOR LITHIUM METAL BATTERIES, 9	1	DF	15	P	NONE		
	9. BATTERIES DRY, SEALED, 6.0 V	2	DF	120	P	NONE P073		
	10 FLUORESCENT TUBES, DESIGNED FOR RECYCLING	2	DF	110	P	NONE		

32. Special Handling Instructions and Additional Information 5) ERG 159 W 8900 FLUO LAMPS 6) ERG 154 W 40247 NICAD BATTERIES 7) ERG 147 W 8000 LITHIUM ION BATTERIES 8) ERG 138 W 8000 LITHIUM METAL BATTERIES 9) W 32310 ALKALINE BATTERIES 10) W 55550 FLUORESCENT LAMPS

GENERATOR

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

TRANSPORTER

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

DESIGNATED FACILITY

Land Disposal Restriction Notification Form

Generator Name **NASA/GSFC WALLOPS FLIGHT FACIL**

EPA ID Number **VA8800010783** Manifest **001675603VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **P8-3218491000-005 (1/ 1)**

WIP / Approval Code:	**323050 / VNJPTAVES050**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), D007, D018, D035, U002**
Constituents (F001 - F005):	**None**
UHCs Present:	**METHYL ALCOHOL, TOLUENE, O- XYLENE, 1,1,1-TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

Container Number: **P8-3218491000-007 (1/ 3)**

WIP / Approval Code:	**917991 / VNJPTAVES025**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D018**
Constituents (F001 - F005):	**None**
UHCs Present:	**TOLUENE, O- XYLENE**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

Container Number: **P8-3218491000-004 (1/ 4)**

WIP / Approval Code:	**805243 / SSSWS#179622**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D002, D008 (LEAD ACID BATTERIES)**
Constituents (F001 - F005):	**None**
UHCs Present:	**None**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature _____

Title Env Engineer Date 1/30/19

Land Disposal Restriction Certification Form - Exempt Lab Pack

Generator Name **NASA/GSFC WALLOPS FLIGHT FACIL**

EPA ID Number **VA8800010763** Manifest **001675603VES**

This notice is being provided in accordance with 40 CFR 268.7(a)(9) to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. This shipment contains lab packs that do not carry waste codes listed in 40 CFR part 268 Appendix IV. The method of treatment for these wastes is incineration. The container numbers corresponding to the individual lab packs are listed below along with the associated hazardous waste codes.

Container Number: **P8-3218491000-013 (1/ 2)**

Waste Codes: **D001** (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.21(a)(1))

"I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes that have not been excluded under appendix IV to 40 CFR part 268 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

Signature [signature]

Title Env. Engineer Date 1/30/19

PACKING SUMMARY

Generator Number: 437550
NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA8800010763

Manifest Number: 001675603VES
Field System ID: P8
Work Order Number: 3218491000
Date Shipped: 01/29/2019

Container#: P8-3218491000-005 Waste Area: Manifest Page/Line: 01 / 1

WIP: 323050 DisposalCode: VNJPTAVES050 PHY State: L

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, TOLUENE), 3, II, RQ (D001)

No. of Commons: 01 Outer Container: 55LA2-DM Inner Container:

Primary Waste Codes: U002,D001,D007,D018,D035 PCB Serial #: OOS Date: / /

Total Cmns Wt: 300 SIC: 9661 Source: G11 Form: W219 System: H040 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 300 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL BROMOACETATE [0-1%] METHYL ALCOHOL [0-1%] TOLUENE [0-1%] XYLENE [0-1%] TRICHLOROETHANE (NON F-LISTED) [0-1%] CARBON TETRACHLORIDE (NON F-LISTED) [0-1%] ETHYL ACETATE (NON F-LISTED) [0-1%] METHYL ETHYL KETONE (NON F-LISTED) [0-1%] ISOBUTYL ALCOHOL (NON F-LISTED) [0-1%] MIXED FLAMMABLE LIQUIDS IN 5 GALLONS AND LESS CONTAINERS INCLUDES, PAINTS, THINNERS AND OTHER REGULATED ORGANIC SOLV. **PLEASE LIST A REPRESENTATIVE DESCRIPTION OF DRUM CONTENTS [100%]	U002, D001, D007, D018, D035, VARI

Container#: P8-3218491000-013 Waste Area: Manifest Page/Line: 01 / 2

WIP: 306276 DisposalCode: TWICRDHPN PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1170, WASTE ETHANOL, 3, II

No. of Commons: 01 Outer Container: 141G-DF Inner Container:

Primary Waste Codes: D001 PCB Serial #: OOS Date: / /

Total Cmns Wt: 30 SIC: 9661 Source: G22 Form: W001 System: H040 Cubic Ft.: 1.89

Individual Common Weights: 1 @ 30 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		ALCOHOL	D001

Container#: P8-3218491000-007 Waste Area: Manifest Page/Line: 01 / 3

WIP: 917991 DisposalCode: VNJPTAVES025 PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (GASOLINE FILTERS), 4.1, II

No. of Commons: 01 Outer Container: 201H2-DF Inner Container:

Primary Waste Codes: D001,D018 PCB Serial #: OOS Date: / /

Total Cmns Wt: 75 SIC: 9661 Source: G16 Form: W203 System: H040 Cubic Ft.: 2.72

Individual Common Weights: 1 @ 75 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	20 GAL		BENZENE [0-100M] UNLEADED GASOLINE [1-5%] TOLUENE [0-100M] XYLENE [0-100M] CLOTH OR PAPER FILTER MEDIA [50-80%] PLASTIC OR METAL CASING [5-30%]	D001, D018

Container#: P8-3218491000-004 Waste Area: Manifest Page/Line: 01 / 4

WIP: 895243 DisposalCode: SSSWS#179622 PHY State: L

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN2794, WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, RQ (D008)

No. of Commons: 01 Outer Container: 301H2-DF Inner Container:

Primary Waste Codes: D002,D008 PCB Serial #: OOS Date: / /

Total Cmns Wt: 50 SIC: 9661 Source: G16 Form: W309 System: H141 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 50 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		BATTERY, WET, FILLED WITH ACID BROKEN [100%]	D002, D008

Container#: P8-3218491000-008 Waste Area: Manifest Page/Line: 02 / 5

WIP: 891023 DisposalCode: SSSWS#179618-H PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN3506, MERCURY CONTAINED IN MANUFACTURED ARTICLES, 8 (6.1)

No. of Commons: 01 Outer Container: 301H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 40 SIC: 9661 Source: G09 Form: W319 System: H010 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 40 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		HID, HIGH-PRESSURE SODIUM, METAL HALIDE, & MERCURY VAPOR LAMPS. ** PLEASE INDICATE NMBER OF BULBS PER CONTAINER ** [100%]	NONE

Manifest Page/Line: 02 / 6

Waste Area:

PHY State: S

Code: SSS173617

Gen Drum ID:

ERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8

Outer Container: 051H2-DF

Inner Container:

OOS Date: / /

PCB Serial #:

Cubic Ft.: 0.68

IC: 9661 Source: G16 Form: W309 System: H141

1 @ 40 (POUNDS)

EPA/State Codes

Net Weight Chemical Name

NICKEL CADMIUM BATTERY (WET) - UNIVERSAL WASTE [100%] NONE

Manifest Page/Line: 02 / 7

Waste Area:

PHY State: S

12

alCode: SSS211699

Gen Drum ID:

9

HIUM ION BATTERIES, 9

Outer Container: 051H2-DF

Inner Container:

OOS Date: / /

PCB Serial #:

Cubic Ft.: 0.68

E

SIC: 9661 Source: G11 Form: W319 System: H141

1 @ 25 (POUNDS)

EPA/State Codes

Net Weight Chemical Name

LITHIUM ION BATTERY - UNIVERSAL WASTE [100%] NONE

Manifest Page/Line: 02 / 8

Waste Area:

PHY State: S

0-011

sposalCode: SSS211699

Gen Drum ID:

/2019

, LITHIUM METAL BATTERIES, 9

Outer Container: 051H2-DF

Inner Container:

OOS Date: / /

PCB Serial #:

Cubic Ft.: 0.68

NONE

SIC: 96 Source: G16 Form: W309 System: H141

1 @ 15 (POUNDS)

EPA/State Codes

ghts: Net Weight Chemical Name

NONE

0 ITHIUM METAL BATTERY [0-100%]

001675603VES Work ...er: 3218491000

Container#: P8-3218491000-002 Waste Area: Manifest Page/Line: 02 / 9

WIP: 321310 DisposalCode: SSS176402 PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: BATTERIES, DRY, SEALED, n.o.s.

No. of Commons: 02 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE,RW703 PCB Serial #: OOS Date: / /

Total Cmns Wt: 120 SIC: 9661 Source: G16 Form: W309 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 60, 60 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		ALKALINE BATTERIES [100%]	NONE, RW703

Container#: P8-3218491000-006 Waste Area: Manifest Page/Line: 02 / 10

WIP: 555650 DisposalCode: SSSWS#179618 PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: FLUORESCENT TUBES, DESTINED FOR RECYCLING

No. of Commons: 02 Outer Container: 4 FOOT-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 150 SIC: 9661 Source: G19 Form: W320 System: H010 Cubic Ft.: 5.00

Individual Common Weights: 75, 75 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	4FTTUB		FLUORESCENT LAMP TUBES- UNIVERSAL WASTE ***PROVIDE BULB COUNT*** [100%]	NONE

234712

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA8800010763

2. Page 1 of 1

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001675604 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846
Facility's Phone: 732 469-5100
U.S. EPA ID Number: NJD002454544

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II	1	DF	40	P	D001
~~X~~	2. ~~UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II~~	~~2~~	~~DM~~	~~80~~	~~P~~	~~D001~~
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -|- 1) ERG:128 W:940878 JET A TURBINE FUEL 2) ERG:128 W:940878 JET A TURBINE FUEL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Liu
Signature: x
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: J. WIGGINS
Signature: J. Wiggins
Month 02 Day 01 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H061 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Donna Burns
Signature:
Month 02 Day 06 Year 19

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: VA8000010763

22. Page: 2

23. Manifest Tracking Number: 001675604VES

24. Generator's Name: NASA/GSFC Wallops Flight

25. Transporter 3 Company Name: VEOLIA ES TECHNICAL SOLUTIONS

U.S. EPA ID Number: NJD080631369

26. Transporter 4 Company Name: ST Transportation Co Inc

U.S. EPA ID Number: NJD071629976

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

32. Special Handling Instructions and Additional Information

Page 2 being used for Transpotation Information Only!

GENERATOR

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Materials

Printed/Typed Name: [illegible] Signature: [illegible] Month 2 Day 1 Year 19

34. Transporter 4 Acknowledgment of Receipt of Materials

Printed/Typed Name: Philip Englardi Jr. Signature: [illegible] Month 2 Day 6 Year 19

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA 8 9 0 0 1 0 7 8 3
2. Page 1 of: 1
3. Emergency Response Phone: (877) 815-0087
4. Manifest Tracking Number: 001675604 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: N J D 0 8 6 5 3 1 3 6 9

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: P A D 9 8 7 2 6 6 7 4 9

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846
Facility's Phone: 732-469-5100
U.S. EPA ID Number: N J D 0 0 2 4 5 4 2 4 4

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II	1	D F	40	P	D001		
~~X~~	~~2. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II~~	~~1~~	~~DM~~	~~50~~	~~P~~	~~D001~~		
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -| Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf -| 1) ERG 128 W 940870 JET A TURBINE FUEL 2) ERG 128 W 940870 JET A TURBINE FUEL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Lu
Signature: x
Month: 01 Day: 30 Year: 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month: 1 Day: 30 Year: 19
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Signature: Month: Day: Year:

Land Disposal Restriction Notification Form

Generator Name NASA/GSFC WALLOPS FLIGHT FACIL

EPA ID Number VA8800010763 Manifest 001875604VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3218491999-002 (1/ 1)

WIP / Approval Code: 940878 / MARFS

Form Designation / CWA Status: Non-Wastewater / Non-CWA

Waste Codes (Subcategories): D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1))

Constituents (F001 - F005): None

UHCs Present: Not Applicable

Treatment Requirements: Restricted waste requires treatment to applicable standards.

Additional Notices:

Container Number: P8-3218491999-001 (1/ 2)

WIP / Approval Code: 940878 / MARFS

Form Designation / CWA Status: Non-Wastewater / Non-CWA

Waste Codes (Subcategories): D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1))

SK

Constituents (F001 - F005): None

UHCs Present: Not Applicable

Treatment Requirements: Restricted waste requires treatment to applicable standards.

Additional Notices:

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature [signature]

Title Env Engineer Date 1/30/19

PACKING SUMMARY

Generator Number: 437550
NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA8800010763

Manifest Number: 001675604VES
Field System ID: P8
Work Order Number: 3218491999
Date Shipped: 01/29/2019

Container#: P8-3218491999-002 Waste Area: Manifest Page/Line: 01 / 1

WIP: 940878 DisposalCode: MARFS PHY State: L

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II

No. of Commons: 01 Outer Container: 051H1-DF Inner Container:

Primary Waste Codes: D001 PCB Serial #: OOS Date: / /

Total Cmns Wt: 40 SIC: 9661 Source: G11 Form: W219 System: H061 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 40 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		DIETHYLENE GLYCOL MONOMETHYL ETHER [0-1%] KEROSENE [0-100%] NAPHTHALENE [0-2%]	D001

Container#: P8-3218491999-001 Waste Area: Manifest Page/Line: 01 / 2

WIP: 940878 DisposalCode: MARFS PHY State: L

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II

No. of Commons: 02 Outer Container: 051A1-DM Inner Container:

Primary Waste Codes: D001 PCB Serial #: OOS Date: / /

Total Cmns Wt: 80 SIC: 9661 Source: G11 Form: W219 System: H061 Cubic Ft.: 0.68

Individual Common Weights: 40, 40 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		DIETHYLENE GLYCOL MONOMETHYL ETHER [0-1%] KEROSENE [0-100%] NAPHTHALENE [0-2%]	D001

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA8800010763
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0037
4. Manifest Tracking Number: 001675605 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD063136369

7. Transporter 2 Company Name: S&J TRANSPORTATION CO INC
U.S. EPA ID Number: WVD071629976

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, RQ (D001), LIMITED QUANTITY	1	DM	120	P	D001	D035	
						D007	D039	
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II	5	DM	495	P	F001	F003	U210
						F002	F005	U220
	3. NON HAZARDOUS MATERIAL	3	DM	1200	P	RW399		
	4.							

14. Special Handling Instructions and Additional Information
HR Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -|- 1) ERG:126 W:255280 AEROSOLS, FLAMMABLE 2) ERG:133 W:255276 RAGS WITH PAINT 3) W:276396 PURGE WATER WITH PFAS- C.O.D. REQUIRED

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Liu
Signature: X
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: Todd Earley
Signature: Todd Earley
Month 2 Day 5 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H061 3. H141 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Tony Blankenship
Signature:
Month 2 Day 6 Year 19

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VAS600010763
2. Page 1 of 1
3. Emergency Response Phone: (877) 518-0087
4. Manifest Tracking Number: 001675605 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD008063169

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093943293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, RQ (D001), LIMITED QUANTITY	1	DM	120	P	D001	D035	
						D007	D039	
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II	5	DM	495	P	F001	F003	U210
						F002	F005	U220
	3. NON HAZARDOUS MATERIAL	5	DM	1200	P	RW399		
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VES/TS. + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. +- 1) ERG 126 W 255280 AEROSOLS, FLAMMABLE 2) ERG 133 W 255276 RAGS WITH PAINT 3) W 276396 PURGE WATER WITH PFAS- C.O.D. REQUIRED

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Liu
Signature: X
Month 01 Day 30 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Signature: Month Day Year

Land Disposal Restriction Notification Form

Generator Name **NASA/GSFC WALLOPS FLIGHT FACIL**

EPA ID Number **VA8800010763** Manifest **001675605VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **P8-3218491998-001 (1/ 1)**

WIP / Approval Code:	**255280 / SRR-AEROSOL**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D035, D039**
Constituents (F001 - F005):	**None**
UHCs Present:	**ACETONE, TOLUENE, O- XYLENE, 1,1,1-TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), METHYL ALCOHOL (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

Container Number: **P8-3218491998-003 (1/ 2)**

WIP / Approval Code:	**255276 / SRRCCSOLID-LT**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035, D039, D040, F001, F002, F003 (~~NONE~~), F005 (~~NONE~~), U210, U220**
Constituents (F001 - F005):	**None**
UHCs Present:	**None**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 1/30/19

Container#: P6-3218491998-002 Waste Area: Manifest Page/Line: 01 / 3

WIP: 276396 DisposalCode: SRRWTELIQ-NH PHY State: L

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: NON HAZARDOUS MATERIAL

No. of Commons: 03 Outer Container: 551A1-DM Inner Container:

Primary Waste Codes: RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 1200 SIC: 9661 Source: G39 Form: W219 System: H141 Cubic Ft.: 7.50

Individual Common Weights: 400, 400, 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		WATER [80-90%] PFAS (PER/POLY - FLUOROALKYL SUBSTANCES) FIREFIGHTING FOAM [1-20%]	RW399

VEOLIA ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	VA8800010763	1	(877) 818-0087	ZZ00651387

5. Generator's Name and Mailing Address

NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)

BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: S&J TRANSPORTATION CO INC — U.S. EPA ID Number: NJD071629976

8. Designated Facility Name and Site Address — U.S. EPA ID Number

VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449

Facility's Phone: 937 859-6101 — OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. NON HAZARDOUS MATERIAL	3	DM	1200	P	RW399
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

ER Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -|- 1) W:276396 PURGE WATER WITH PFAS (C.O.D. REQUIRED)

15. **GENERATOR S/OFFEROR S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: x David Liu — Signature: x [signature] — Month 01 Day ~~28~~ 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Shipment

Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month 1 Day 30 Year 19

Transporter 2 Printed/Typed Name: Todd Easley — Signature: Todd Easley — Month 2 Day 5 Year 19

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Shipping Document Tracking Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a

Printed/Typed Name: Ron Harry Blankenship — Signature: [signature] — Month 2 Day 6 Year 19

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

Certificate of Disposition

Veolia ES Technical Solutions, L.L.C., West Carrollton Facility has a RCRA Part B Permit that allows the facility to commingle wastes, recycle, store and transfer waste for distillation, supplemental fuels for energy recovery, thermal treatment, and stabilization

Veolia ES Technical Solutions, L.L.C. certifies the waste which was received on Manifest Number: ZZ00651387 date: 02/06/19 will be/was managed in accordance with all applicable federal state and local laws and regulations

GENERATOR NAME: Nasa/GSFC Wallops Flight Facil
GENERATOR EPA ID: VA8800010763

DATE CERTIFICATE ISSUED: 02/12/19

SIGNATURE: Brittany Blankenship

TITLE: **WASTE TRACKING COORDINATOR**

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	VAS000010763	1	(877) 818-0087	ZZ00651387

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2177

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD083613369

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD095945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. NON HAZARDOUS MATERIAL	1	DM	1200	P	RW399
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
GR Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) W 276396 PURGE WATER WITH PFAS (COD REQUIRED)

15. **GENERATOR S/OFFEROR S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X David Liu
Signature: X
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Shipment
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Shipping Document Tracking Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR / SHIPPER'S INITIAL COPY

PACKING SUMMARY

Generator Number: 437550
NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn: MARIANNE SIMKO(CONTACT PAPERW
EPA ID: VA8800010763

Manifest Number: ZZ00651387
Field System ID: P8
Work Order Number: 2763333000
Date Shipped: 01/28/2019

Container#: P8-2763333000-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 276396 DisposalCode: SRRWTELIQ-NH PHY State: L

Date Accumulated: 01/28/2019 Gen Drum ID:

Shipping Name: NON HAZARDOUS MATERIAL

No. of Commons: 03 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 1200 SIC: 9661 Source: G39 Form: W219 System: H141 Cubic FL: 7.50

Individual Common Weights: 400, 400, 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		WATER [80-90%] PFAS (PER/POLY - FLUOROALKYL SUBSTANCES) FIREFIGHTING FOAM [1-20%]	RW399

VEOLIA

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	VA8000010763	1	(877) 818-0087	ZZ00651499

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number NJD080631369

7. Transporter 2 Company Name
ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number PAD987266749

8. Designated Facility Name and Site Address
ENVIRONMENTAL RECOVERY CORP
1076 OLD MANHEIM PIKE
LANCASTER, PA 17601
Facility's Phone 717 393-3627
U.S. EPA ID Number PAD987266749

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1 NON-RCRA LIQUID, n.o.s.	4	DM	1600	P	RW509
	2					
	3					
	4					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf -|- D W 320675 MIXED OILS AND CUTTING FLUIDS

15. GENERATOR S/OFFEROR S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: x David Liu
Signature: x
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Shipment
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19

Transporter 2 Printed/Typed Name: Levin Zook
Signature:
Month 2 Day 1 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Shipping Document Tracking Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)
1 2 3 4

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials except as noted in Item 18a
Printed/Typed Name: A
Signature:
Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT

1. Generator ID Number: VAR000061061
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Shipping Document Tracking Number: ZZ00651499

GENERATOR

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY / BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080613169

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD982867449

8. Designated Facility Name and Site Address
ENVIRONMENTAL RECOVERY CORP
1076 OLD MANHEIM PIKE
LANCASTER, PA 17601
Facility's Phone: 717-392-7421
U.S. EPA ID Number: PAD982867449

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes		
	1. NON-RCRA LIQUID, n.o.s.	4	DM	1000	P	RW309		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
HR Service Contracted to VES TS. Contract retained by generator confers service authority on initial transporter to add or substitute additional transporters on generator's behalf. 1. D.W. 60670 MUXELL CRUS ONE CUTTING FLUID

15. **GENERATOR S/OFFEROR S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X David Liu
Signature: X
Month: 01 Day: 30 Year: 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Shipment
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month: 1 Day: 30 Year: 19
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Shipping Document Tracking Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a
Printed/Typed Name:
Signature:
Month: Day: Year:

GENERATOR / SHIPPER'S INITIAL COPY

PACKING SUMMARY

Generator Number: 437550
NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VAR000010763

Manifest Number: ZZ00651499
Field System ID: P8
Work Order Number: 3218491997
Date Shipped: 01/29/2019

Container#: P8-3218491997-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 320675 DisposalCode: ERCOIL PHY State: L

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: NON-RCRA LIQUID, n.o.s.

No. of Commons: 04 Outer Container: 55TA2-DM Inner Container:

Primary Waste Codes: RW509 PCB Serial #: OOS Date: / /

Total Cmns Wt: 1600 SIC: 9661 Source: G16 Form: W206 System: H039 Cubic Ft.: 7.50

Individual Common Weights: 400, 400, 400, 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		MIXED OILS AND CUTTING FLUIDS, [100%] METAL FILINGS [0-0.9%]	RW509

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's Number: VA7800020888
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001675577 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: ~~757-824-2237~~ 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC — U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, ETHYL ACETATE), 3, II	1	DF	80	P	U002 D001	D007 D018	D035
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) FLAMMABLE LOOSEPACK

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Liu — Signature: x [signature] — Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: Cornell Meade — Signature: [signature] — Month 2 Day 4 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: LEONARD BECK — Signature: Leonard Beck — Month 02 Day 05 Year 19

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
VA7800020888	1	(877) 515-0087	001675577 VES

GENERATOR

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: ~~757-824-2114~~ 757-824-2177

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VECOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD083139

7. Transporter 2 Company Name
FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126184

8. Designated Facility Name and Site Address
VECOLIA ES TECHNICAL SOLUTIONS, LLC
2176 WILL SUTT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD982166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, ETHYL ACETATE), 3, II	1	DF	80	P	D001	D007	D035
						D009	D018	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
RR Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) FLAMMABLE LOOSEPACK

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Lin
Signature: X
Month 01 Day 30 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

Land Disposal Restriction Notification Form

Generator Name NASA GODDARD SPACE FLIGHT CENT

EPA ID Number VA7800020888 Manifest 001075577VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-2763331000-001 (1/ 1)

WIP / Approval Code:	321466 / PTAVES050
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), D007, D018, D035, U002
Constituents (F001 - F005):	None
UHCs Present:	CARBON TETRACHLORIDE, ETHYL ACETATE, ETHYL BENZENE, ISOBUTYL ALCOHOL, METHYL ALCOHOL, TOLUENE, 1,1,1 TRICHLOROETHANE, O- XYLENE
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 1/30/19

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn: JOEL MITCHEL
EPA ID: VA7800020888

Manifest Number: 001675577VE
Field System ID: P8
Work Order Number: 2763331000
Date Shipped: 01/28/2019

Container#: P8-2763331000-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 321408 DisposalCode: PTAVES050 PHY State: L

Date Accumulated: 01/28/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, ETHYL ACETATE), 3, II

No. of Commons: 01 Outer Container: 201H2-DF Inner Container:

Primary Waste Codes: U002,D001,D007,D018,D035 PCB Serial #: OOS Date: / /

Total Cmns Wt: 80 SIC: 9661 Source: G11 Form: W001 System: H040 Cubic Ft.: 2.72

Individual Common Weights: 1 @ 80 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	20 GAL		ACETONE [0-1%] CARBON TETRACHLORIDE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] ISOBUTYL ALCOHOL [0-1%] METHYL ALCOHOL [0-1%] METHYL ETHYL KETONE (MEK) [0-1%] TOLUENE [0-1%] TRICHLOROETHANE [0-1%] XYLENE [0-1%] FLAMMABLE LOOSPACKS INCLUDING PAINTS, THINNERS AND MIXED ORGANIC SOLVENTS (INCLUDING XYLENE AND METHYL ETHYL KETONE): 5 GALLONS AND LESS **PLEASE LIST A REPRESENTATIVE DESCRIPTION OF DRUMS CONTENTS [100%]	U002, D001, D007 D018, D035

Manifest Number: 001675577VES Work Order Number: 2763331000 Page 1 of 1

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888

2. Page 1 of 1

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001675578 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: ~~757-824-2127~~ 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973 347-7111
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II	1	DF	2	P	D002 D007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ALODINE 1201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Liu
Signature: x
Month 01 Day 30 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: J. WIGGINS
Signature: J. Wiggins
Month 02 Day 01 Year 19

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Peter E Frankling
Signature:
Month 02 Day 01 Year 19

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: VA7800020888

22. Page: 2

23. Manifest Tracking Number: 0016755 78 VES

24. Generator's Name: NASA Goddard Space Flight

25. Transporter 3 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

26. Transporter 4 Company Name: Freehold Cartage Inc — U.S. EPA ID Number: NJD054126164

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

32. Special Handling Instructions and Additional Information

Page 2 being used for Transpotation Information Only!

GENERATOR

33. Transporter 3 Acknowledgment of Receipt of Materials

Printed/Typed Name: [illegible] — Signature: [illegible] — Month 2 Day 1 Year 19

34. Transporter 4 Acknowledgment of Receipt of Materials

Printed/Typed Name: Dave Brown — Signature: [illegible] — Month 2 Day 8 Year 19

TRANSPORTER

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

DESIGNATED FACILITY

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888

2. Page 1 of 1

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001675578 VES

5. Generator's Name and Mailing Address:
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757-824-2127

Generator's Site Address (if different than mailing address):
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address:
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973-367-7111
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II	1	DF	2	P	D002 D007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ALODINE 1201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Liu
Signature: x [signature]
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month 1 Day 30 Year 19

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Land Disposal Restriction Notification Form

Generator Name NASA GODDARD SPACE FLIGHT CENT

EPA ID Number VA7800020888 Manifest 001675578VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-2763331999-001 (1/ 1)

WIP / Approval Code:	723920 / STB002084
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D002, D007
Constituents (F001 - F005):	None
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 1/30/19

PACKING SUMMARY

Generator Number: 437548

NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn: JOEL MITCHEL
EPA ID: VA7800020888

Manifest Number: 001675578VES
Field System ID: P6
Work Order Number: 2763331999
Date Shipped: 01/28/2019

Container#: P8-2763331999-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 723920 DisposalCode: STB002084 PHY State: L

Date Accumulated: 01/28/2019 Gen Drum ID:

Shipping Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: D002,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: 2 SIC: 9661 Source: G08 Form: W105 System: H132 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 2 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		CHROMIC ACID SOLUTION [0-1%] HYDROFLUORIC ACID SOLUTION [0-1%] POTASSIUM FERRICYANIDE [0-1%] WATER [97-99%]	D002, D007

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of: 1
3. Emergency Response Phone: (877) 518-0087
4. Manifest Tracking Number: 001675599 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: ~~757-824-2238~~ 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ~~ENVIRONMENTAL RECOVERY CORP~~ Freehold Cartage Inc
U.S. EPA ID Number: ~~PAD987266719~~ NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN2811, WASTE TOXIC SOLIDS, ORGANIC, n.o.s., 6.1, II	2	DF	10	P	P078		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -|- 1) ERG:154 W:309233 PLC

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Lu
Signature: x
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19

Transporter 2 Printed/Typed Name: Cornell Moore
Signature: Cornell Moore
Month 2 Day 4 Year 19

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: LEONARD BECK
Signature: Leonard Beck
Month 02 Day 05 Year 19

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020838
2. Page 1 of: 1
3. Emergency Response Phone: (877) 812-0087
4. Manifest Tracking Number: 001675599 VES

GENERATOR

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD063136 9

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD982726749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C
2176 WILL SUTT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3936
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN2811, WASTE TOXIC SOLIDS, ORGANIC, n.o.s., 6.1, II	2	DF	10	P	D008		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
FR Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) ERG 154 W:309233 PLC

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Lu
Signature: x
Month: 01 Day: 30 Year: 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month: 1 Day: 30 Year: 19
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month: Day: Year:

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001675599VES
Field System ID: P8
Work Order Number: 3218501000
Date Shipped: 01/29/2019

Container#: P8-3218501000-003 Waste Area: Manifest Page/Line: 01 / 1

WIP: 309233 DisposalCode: PTAVES038 PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN2811, WASTE TOXIC SOLIDS, ORGANIC, n.o.s., 6.1, II

No. of Commons: 02 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: P078 PCB Serial #: OOS Date: / /

Total Cmns Wt: 10 SIC: 9661 Source: G22 Form: W004 System: H040 Cubic FL: 0.68

Individual Common Weights: 5, 5 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	3 lb	BAG	DECON RAGS CONTAINING 1 DROP OF NITROGEN TETROXIDE (1 DROP <1%) ABSORBED INTO RAGS (NO LONGER LIQUIFIED)	P078

Land Disposal Restriction Notification Form

Generator Name NASA GODDARD SPACE FLIGHT CENT

EPA ID Number VA7800020888 Manifest 001675599VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3218501000-003 (1/ 1)

WIP / Approval Code:	309233 / PTAVES038
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	P078
Constituents (F001 - F005):	None
UHCs Present:	Not Applicable
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 1/30/19

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of 12
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001675600 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: ~~757-824-2234~~ 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP — U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973 347-7111
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3287, WASTE TOXIC LIQUID, INORGANIC, n.o.s., (HYDRAZINE), 6.1, II	2	DF	4 5h ~~6.5~~ 5k	P	U133 D011
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:151 W:452324
HYDRAZINE CONTAMINATED DECON MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Liu — Signature: x [signature] — Month 01 Day 30 5h Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: J. WIGGINS — Signature: J. Wiggins — Month 02 Day 01 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Peter E Frechtling — Signature: [signature] — Month 02 Day 08 Year 19

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800030858

2. Page 1 of: 1

3. Emergency Response Phone: (877) 518-0057

4. Manifest Tracking Number: 001675600 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: ~~757-824-2254~~ AF 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD980631369

7. Transporter 2 Company Name
ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973-347-2111
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3287, WASTE TOXIC LIQUID, INORGANIC, n.o.s., (HYDRAZINE), 6.1, II	2	DF	4	P	D033 / D001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VEOLIA ES + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) ERG 151 W 45,2324
HYDRAZINE CONTAMINATED DECON MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

GENERATOR

Generator's/Offeror's Printed/Typed Name: X David Lu
Signature: X
Month 01 Day 30 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Sagar Kuba
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: NA 7800020888

22. Page: 2

23. Manifest Tracking Number: 0016 15 600 YES

24. Generator's Name: NASA Goddard Space Flight

25. Transporter 3 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

26. Transporter 4 Company Name: Freehold Cartage Inc — U.S. EPA ID Number: NJD054126164

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

32. Special Handling Instructions and Additional Information

Page 2 being used for Transpotation Information Only!

GENERATOR

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Materials

Printed/Typed Name: Louise Chest — Signature: [signature] — Month 2 Day 1 Year 19

34. Transporter 4 Acknowledgment of Receipt of Materials

Printed/Typed Name: Dave Brown — Signature: [signature] — Month 2 Day 8 Year 19

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Land Disposal Restriction Notification Form

Generator Name **NASA GODDARD SPACE FLIGHT CENT**

EPA ID Number **VA7800020888** Manifest **001675600VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **P8-3218501999-001 (1/ 1)**

WIP / Approval Code:	**452324 / STB002091**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D011, U133**
Constituents (F001 - F005):	**None**
UHCs Present:	**None**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 1/30/19

PACKING SUMMARY

Generator Number: 437648
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

Attn:
EPA ID: VA7800020888

Manifest Number: 001675600VES
Field System ID: P8
Work Order Number: 3218501999
Date Shipped: 01/29/2019

Container#: P8-3218501999-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 452324 DisposalCode: STB002091 PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN3287, WASTE TOXIC LIQUID, INORGANIC, n.o.s., (HYDRAZINE), 6.1, II

No. of Commons: 02 Outer Container: 201R2-DF Inner Container:

Primary Waste Codes: U133,D011 PCB Serial #: OOS Date: / /

Total Cmns Wt: 60 SIC: 9661 Source: G15 Form: W409 System: H132 Cubic Ft.: 2.72

Individual Common Weights: 30-30 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	20 GAL		HYDRAZINE, AQUEOUS SOLUTION [1-2%] WATER [40-60%] SILVER [0-1%] DEBRIS INCLUDING SPILL PADS, RIGS, PILLOWS, WIPES, PLASTIC, SEALS, WOOD, PERSONAL PROTECTIVE EQUIPMENT, DRAGER TUBES, [40-60%] ALCOHOL [0-1%]	U133, D011

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of: 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001675601 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: ~~[illegible]~~ 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP — U.S. EPA ID Number: PAD982266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846
Facility's Phone: 732-469-5100
U.S. EPA ID Number: NJD002454544

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1987, WASTE ALCOHOLS, n.o.s., (ETHANOL, HYDRAZINE), 3, II, RQ (D001)	2	DF	320	P	D001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:127 W:17425 ALCOHOL WITH WATER AND HYDRAZINE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Lin — Signature: [signature] — Month: 01 — Day: 30 — Year: 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month: 1 — Day: 30 — Year: 19
Transporter 2 Printed/Typed Name: — Signature: — Month: — Day: — Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month — Day — Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: [illegible]

22. Page: 2

23. Manifest Tracking Number: 001675601 VEG

24. Generator's Name: NASA Goddard Space Flight Cntr.

25. Transporter 3 Company Name: [illegible] Solution — U.S. EPA ID Number: [illegible]

26. Transporter 4 Company Name: ST Transportation Co Inc — U.S. EPA ID Number: NJD071629976

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

32. Special Handling Instructions and Additional Information

GENERATOR

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Materials

Printed/Typed Name: [illegible] — Signature: [illegible] — Month 2 Day 1 Year 19

34. Transporter 4 Acknowledgment of Receipt of Materials

Printed/Typed Name: Philip Gaglia [illegible] — Signature: [illegible] — Month 2 Day 6 Year 19

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

2 34712

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888

2. Page 1 of 1

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001675601 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: ~~757-824-2237~~ 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846
Facility's Phone: 732 469-5100
U.S. EPA ID Number: NJD002454544

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1987, WASTE ALCOHOLS, n.o.s., (ETHANOL, HYDRAZINE), 3, II, RQ (D001)	2	DF	320	P	D001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:127 W:17425
ALCOHOL WITH WATER AND HYDRAZINE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Liu
Signature:
Month 01 Day 30 Year 19

GENERATOR

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: J. WIGGINS
Signature: J. Wiggins
Month 02 Day 01 Year 19

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H061 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: DONN BUONO
Signature:
Month 02 Day 06 Year 19

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Land Disposal Restriction Notification Form

Generator Name **NASA GODDARD SPACE FLIGHT CENT**

EPA ID Number **VA7800020888** Manifest **001675601VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **P8-3218501998-001 (1/ 1)**

WIP / Approval Code:	**017425 / MARFS**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1))**
Constituents (F001 - F005):	**None**
UHCs Present:	**Not Applicable**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 1/30/19

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001675601VES
Field System ID: P8
Work Order Number: 3218501998
Date Shipped: 01/29/2019

Container#: P8-3218501998-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 017425 DisposalCode: MARFS PHY State: L

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1987, WASTE ALCOHOLS, n.o.s., (ETHANOL, HYDRAZINE), 3, II, RQ (D001)

No. of Commons: 02 Outer Container: 201H2-DF Inner Container:

Primary Waste Codes: D001 PCB Serial #: OOS Date: / /

Total Cmns Wt: 320 SIC: 9661 Source: G11 Form: W203 System: H061 Cubic Ft.: 2.72

Individual Common Weights: 160, 160 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	20 GAL		ETHANOL (95%) WATER (4.5%) Z- HYDRAZINE (0.5%)	D001

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001675606 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528 3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8	2	D F	10 60	P	NONE
	2. BATTERIES, DRY, SEALED, n.o.s.	1	D F	50	P	NONE RW399
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS +- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. +- 1) ERG:154 W:512716 NICAD BATTERIES 2) W:945649 ALKALINE BATTERIES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Liu
Signature: x
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: Cornell
Signature:
Month 2 Day 4 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: LEONARD BECK
Signature:
Month 02 Day 05 Year 19

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001675606 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919-528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8	2	DF	10 ~~60~~	P	NONE
	2. BATTERIES, DRY, SEALED, n.o.s	1	DF	50	P	NONE RW399
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) ERG 154 W:512716 NICAD BATTERIES 2) W:945649 ALKALINE BATTERIES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Liu
Signature: X [signature]
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [signature]
Signature: [signature]
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001675606VES
Field System ID: P8
Work Order Number: 3218497000
Date Shipped: 01/29/2019

Container#: P8-3218497000-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 512716 DisposalCode: SSS173617 PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 30 SIC: 9661 Source: G11 Form: W409 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 30 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		NICKEL CADMIUM BATTERY (WET) - UNIVERSAL WASTE [0-100%] NICKEL CADMIUM BATTERY (DRY CELL)-UNIVERSAL WASTE [0-100%]	NONE

Container#: P8-3218497000-004 Waste Area: Manifest Page/Line: 01 / 1

WIP: 512716 DisposalCode: SSS173617 PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 30 SIC: 9661 Source: G11 Form: W409 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 30 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		NICKEL CADMIUM BATTERY (WET) - UNIVERSAL WASTE [0-100%] NICKEL CADMIUM BATTERY (DRY CELL)-UNIVERSAL WASTE [0-100%]	NONE

Container#: P8-3218497000-002 Waste Area: Manifest Page/Line: 01 / 2

WIP: 945649 DisposalCode: SSS176402 PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: BATTERIES, DRY, SEALED, n.o.s.

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE,RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 50 SIC: 9661 Source: G16 Form: W309 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 50 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888

2. Page 1 of 1

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001675607 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: ~~757 824-2257~~ 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD063136 9

7. Transporter 2 Company Name
S&J TRANSPORTATION CO INC
U.S. EPA ID Number: NJD071629976

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
~~X~~ SK	1. ~~UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II~~ SK	SK ~~1~~	SK ~~B F~~	SK ~~99~~	SK ~~P~~	SK ~~F001~~ SK ~~F002~~	SK ~~F003~~ SK ~~F005~~	SK ~~D001~~ SK ~~D007~~
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	D M	99	P	F001 F002	F003 F005	D001 D007
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:133 W:322820 PAINT RELATED CLEAN-UP MATERIAL 2) ERG:133 W:322820 PAINT RELATED CLEAN-UP MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Liu
Signature: X
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: Todd Easley
Signature: Todd Easley
Month 02 Day 5 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H061 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Brittany Blankenship
Signature:
Month 7 Day 6 Year 19

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800026888
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001675607 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-4101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	DM	99	P	F001	F003	D001
						F002	F005	D007
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	DM	99	P	F001	F003	D001
						F002	F005	D007
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:133 W:322820 PAINT RELATED CLEAN-UP MATERIAL 2) ERG:133 W:322820 PAINT RELATED CLEAN-UP MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Liu
Signature: X
Month 01 Day 30 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuha
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month Day Year

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Land Disposal Restriction Notification Form

Generator Name NASA GODDARD SPACE FLIGHT CENT

EPA ID Number VA7800020888 Manifest 001675607VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3218497999-002 (1/ 1)

WIP / Approval Code:	322820 / SRRSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D008 (NONE), D035, D039, F001, F002, F003 ~~(NONE)~~, F005 ~~(NONE)~~ SL
Constituents (F001 - F005):	ACETONE, ETHYL ACETATE, ETHYL BENZENE, METHYL ALCOHOL, METHYL ETHYL KETONE (MEK), TETRACHLOROETHYLENE, TOLUENE, TRICHLOROETHYLENE (TCE), M XYLENE
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3218497999-001 (1/ 2)

WIP / Approval Code:	322820 / SRRSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D008 (NONE), D035, D039, F001, F002, F003 ~~(NONE)~~, F005 ~~(NONE)~~
Constituents (F001 - F005):	ACETONE, ETHYL ACETATE, ETHYL BENZENE, METHYL ALCOHOL, METHYL ETHYL KETONE (MEK), TETRACHLOROETHYLENE, TOLUENE, TRICHLOROETHYLENE (TCE), M XYLENE
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature [signature]

Title Env. Engineer Date 1/30/19

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001675607VES
Field System ID: P8
Work Order Number: 3218497999
Date Shipped: 01/29/2019

Container#: P8-3218497999-002 Waste Area: Manifest Page/Line: 01 / 1

WIP: 322820 DisposalCode: SRRSOLID-LT PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: 01 Outer Container: 551H2-DF Inner Container:

Primary Waste Codes: F001,F002,F003,F005,D001,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: 99 SIC: 9661 Source: G32 Form: W409 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 99 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] METHANOL [0-1%] MEK (METHYL ETHYL KETONE) [0-1%] TETRACHLOROETHYLENE [0-1%] TOLUENE [0-1%] TRICHLOROETHYLENE [0-1%] M XYLENE [0-1%] PLASTIC, BOTTLES, CANS, RAGS, DEBRIS, PAINT SOLIDS [90-91%]	F001, F002, F003, F005, D001, D007, D008, D035, D039

Container#: P8-3218497999-001 Waste Area: Manifest Page/Line: 01 / 2

WIP: 322820 DisposalCode: SRRSOLID-LT PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: F001,F002,F003,F005,D001,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: 99 SIC: 9661 Source: G32 Form: W409 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 99 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] METHANOL [0-1%] MEK (METHYL ETHYL KETONE) [0-1%] TETRACHLOROETHYLENE [0-1%] TOLUENE [0-1%] TRICHLOROETHYLENE [0-1%] M XYLENE [0-1%] PLASTIC, BOTTLES, CANS, RAGS, DEBRIS, PAINT SOLIDS [90-91%]	F001, F002, F003, F005, D001, D007, D008, D035, D039

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of 1
3. Emergency Response Phone: (877) 812-0087
4. Manifest Tracking Number: 001675608 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: ~~757-824-2294~~ 757-824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD0806313369

7. Transporter 2 Company Name
S&J TRANSPORTATION CO INC
U.S. EPA ID Number: NJD071629976

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DM	95	P	D001 D035		
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	DF	99	P	F001 F002	F003 F005	D001 D007
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) ERG:126 W:309234 AEROSOLS, FLAMMABLE 2) ERG:133 W:322820 PAINT RELATED CLEAN-UP MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Lin
Signature: x
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name: Todd Easley
Signature: Todd Easley
Month 2 Day 5 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H061 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Portland Blankenship
Signature:
Month 2 Day 6 Year 19

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of: 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001675608 VES

5. Generator's Name and Mailing Address:
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757-824-2127

Generator's Site Address (if different than mailing address):
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DM	95	P	D001 D035		
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	DF	99	P	F001 F002	F003 F005	D001 D007
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:126 W:309234 AEROSOLS, FLAMMABLE 2) ERG:133 W:322820 PAINT RELATED CLEAN-UP MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: x David Lin
Signature: x [signature]
Month 01 Day 30 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Land Disposal Restriction Notification Form

Generator Name: NASA GODDARD SPACE FLIGHT CENT

EPA ID Number: VA7800020888 Manifest: 001875608VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3218499000-001 (1/ 1)

WIP / Approval Code:	309234 / SRR-AEROSOL
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035
Constituents (F001 - F005):	None
UHCs Present:	ACETONE, ETHYL BENZENE, METHYL ALCOHOL, TOLUENE, O- XYLENE, 1,1,1- TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3218499000-002 (1/ 2)

WIP / Approval Code:	322820 / SRRSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D008 (NONE), D035, D039, F001, F002, F003 (NONE), F005 (NONE)
Constituents (F001 - F005):	ACETONE, ETHYL ACETATE, ETHYL BENZENE, METHYL ALCOHOL, METHYL ETHYL KETONE (MEK), TETRACHLOROETHYLENE, TOLUENE, TRICHLOROETHYLENE (TCE), M XYLENE
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature: [signature]

Title: Env. Engineer Date: 1/30/19

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001675608VES
Field System ID: P8
Work Order Number: 3218499000
Date Shipped: 01/29/2019

Container#: P8-3218499000-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 309234 DisposalCode: SRR-AEROSOL PHY State: G

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: D001,D035 PCB Serial #: OOS Date: / /

Total Cmns Wt: 95 SIC: 9661 Source: G11 Form: W801 System: H141 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 95 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL BENZENE [0-1%] METHYL ALCOHOL [0-1%] TOLUENE [0-1%] XYLENE [0-1%] TRICHLOROETHANE (NON F-LISTED) [0-1%] CARBON TETRACHLORIDE (NON F-LISTED) [0-1%] ETHYL ACETATE (NON F-LISTED) [0-1%] METHYL ETHYL KETONE (NON F-LISTED) [0-1%] ISOBUTYL ALCOHOL (NON F-LISTED) [0-1%] VARIOUS AEROSOL PAINTS, LAQUERS, SILICONES, MOLD RELEASE AGENTS, LUBRICANTS [76-78%] CHLOROFLUOROCARBON PROPELLANTS [2-20%] AROMATIC HYDROCARBON PROPELLANTS [2-20%]	D001, D035

Container#: P8-3218499000-002 Waste Area: Manifest Page/Line: 01 / 2

WIP: 322820 DisposalCode: SRRSOLID-LT PHY State: S

Date Accumulated: 01/29/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: 01 Outer Container: 551H2-DF Inner Container:

Primary Waste Codes: F001,F002,F003,F005,D001,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: 99 SIC: 9661 Source: G32 Form: W409 System: H081 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 99 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] METHANOL [0-1%] MEK (METHYL ETHYL KETONE) [0-1%] TETRACHLOROETHYLENE [0-1%] TOLUENE [0-1%] TRICHLOROETHYLENE [0-1%] M XYLENE [0-1%] PLASTIC, BOTTLES, CANS, RAGS, DEBRIS, PAINT SOLIDS [90-91%]	F001, F002, F003 F005, D001, D00 D008, D035, D03

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800029888
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001729684 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824 2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001)	2	DM	600	P	U002 D001	D007 D018	D035
X	2. UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s., 6.1, II	2	DF	120	P	P078		
	3. BATTERIES, DRY, SEALED, n.o.s.	1	DF	60	P	NONE RW399		
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -|- 1) FLAMMABLE LOOSEPACK 2) PLC 3) ALKALINE BATTERIES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

GENERATOR

Generator's/Offeror's Printed/Typed Name: X Douglas Bruner
Signature: X
Month 06 Day 19 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 06 Day 19 Year 19
Transporter 2 Printed/Typed Name: John J. Tramby
Signature:
Month 06 Day 24 Year 19

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. H141 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: LEONARD BECK
Signature:
Month 06 Day 25 Year 19

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020885
2. Page 1 of 1
3. Emergency Response Phone: (877) 819-0087
4. Manifest Tracking Number: 001729684 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2177

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3995
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001)	2	DM	600	P	D002	D007	D035
						D001	D018	
X	2. UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s., 6.1, II	2	DF	120	P	P078		
	3. BATTERIES, DRY, SEALED, n.o.s.	1	DF	60	P	NONE		
						RW399		
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) FLAMMABLE LOOSEPACK 2) PLC 3) ALKALINE BATTERIES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Brunner
Signature: X [signature]
Month: 06 Day: 19 Year: 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month: 6 Day: 19 Year: 19
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Land Disposal Restriction Notification Form

Generator Name **NASA GODDARD SPACE FLIGHT CENT**

EPA ID Number **VA7800020888** Manifest **001729684VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **PR-3304207000-004 (1/ 1)**

WIP / Approval Code:	**321408 / VNJPTAVES050**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), D007, D018, D035, U002**
Constituents (F001 - F005):	**None**
UHCs Present:	**CARBON TETRACHLORIDE, ETHYL ACETATE, ETHYL BENZENE, ISOBUTYL ALCOHOL, METHYL ALCOHOL, TOLUENE, 1,1,1 TRICHLOROETHANE, O- XYLENE**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

Container Number: **PR-3304207000-006 (1/ 2)**

WIP / Approval Code:	**309233 / PTAVES038**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**P078**
Constituents (F001 - F005):	**None**
UHCs Present:	**Not Applicable**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature [signature]

Title Env. Engineer Date 6/19/2019

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001729684VES
Field System ID: P8
Work Order Number: 3304207000
Date Shipped: 06/18/2019

Container#: P8-3304207000-004 Waste Area: Manifest Page/Line: 01 / 1

WIP: 321408 DisposalCode: VNJPTAVES050 PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001)

No. of Commons: 02 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: U002,D001,D007,D018,D035 PCB Serial #: OOS Date: / /

Total Cmns Wt: 600 SIC: 9661 Source: G11 Form: W001 System: H040 Cubic Ft.: 7.50

Individual Common Weights: 300, 300 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] CARBON TETRACHLORIDE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] ISOBUTYL ALCOHOL [0-1%] METHYL ALCOHOL [0-1%] METHYL ETHYL KETONE (MEK) [0-1%] TOLUENE [0-1%] TRICHLOROETHANE [0-1%] XYLENE [0-1%] FLAMMABLE LOOSPACKS INCLUDING PAINTS, THINNERS AND MIXED ORGANIC SOLVENTS (INCLUDING XYLENE AND METHYL ETHYL KETONE): 5 GALLONS AND LESS **PLEASE LIST A REPRESENTATIVE DESCRIPTION OF DRUMS CONTENTS [100%]	U002, D001, D007, D018, D035

Container#: P8-3304207000-006 Waste Area: Manifest Page/Line: 01 / 2

WIP: 309233 DisposalCode: PTAVES038 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s., 6.1, II

No. of Commons: 02 Outer Container: 141G-DF Inner Container:

Primary Waste Codes: P078 PCB Serial #: OOS Date: / /

Total Cmns Wt: 120 SIC: 9661 Source: G22 Form: W004 System: H040 Cubic Ft.: 1.89

Individual Common Weights: 60, 60 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	2 lb	BAG	DEBRIS CONTAINING NITROGEN TETROXIDE, LIQUEFIED (TOXIC INHALATION HAZARD) <1%	P078

Container#: P8-3304207000-002 Waste Area: Manifest Page/Line: 01 / 3

WIP: 945649 DisposalCode: SSS176402 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: BATTERIES, DRY, SEALED, n.o.s.

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE,RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 60 SIC: 9661 Source: G16 Form: W309 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 60 (POUNDS)

Unns	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		ALKALINE BATTERIES (100%)	NONE, RW399

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number
VA7800020888		(877) 818-0087	001729685 VES

GENERATOR

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973 347-7111
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3287, WASTE TOXIC LIQUID, INORGANIC, n.o.s., (HYDRAZINE), 6.1, II	2	DF	10	P	U133, D011
X	2. UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II	1	DF	5	P	D002, D007
	3.					
	4.					

14. Special Handling Instructions and Additional Information
HR Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) HYDRAZINE DECON MATERIAL 2) ALODINE 1201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Bruner
Signature: X
Month Day Year: 06 19 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month Day Year: 6 19 19

Transporter 2 Printed/Typed Name: J. WIGGINS
Signature: J. Wiggins
Month Day Year: 06 20 19

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Darren Cummings
Signature:
Month Day Year: 07 05 19

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	VA7800020888	2	001724685 VES

24. Generator's Name: NASA Goddard Space Flight

25. Transporter 3 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

26. Transporter 4 Company Name: Freehold Cartage Inc — U.S. EPA ID Number: PAD054126164

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		

GENERATOR

32. Special Handling Instructions and Additional Information

Page 2 being used for Transpotation Information Only!

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Materials

Printed/Typed Name: Jovian [illegible] — Signature: [signature] — Month 6 Day 28 Year 19

34. Transporter 4 Acknowledgment of Receipt of Materials

Printed/Typed Name: Shawn Caldwell — Signature: Shawn Caldwell — Month 7 Day 5 Year 19

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22A (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888

2. Page 1 of 1

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001729685 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address: VEOLIA ES TECHNICAL SOLUTIONS L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973 347-7111
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3287, WASTE TOXIC LIQUID, INORGANIC, n.o.s., (HYDRAZINE), 6.1, II	2	DF	10	P	U133 D011
X	2. UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II	1	DF	5	P	D002 D007
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VEETS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) HYDRAZINE DECON MATERIAL 2) ALODINE 1201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Brunor
Signature: X
Month: 06 Day: 18 Year: 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month: 6 Day: 19 Year: 19
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month: Day: Year:

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888

2. Page 1 of 1

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001729685 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973 347-7111
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3287, WASTE TOXIC LIQUID, INORGANIC, n.o.s., (HYDRAZINE), 6.1, II	2	DF	10	P	U133 D011		
X	2. UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II	1	DF	5	P	D002 D007		
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) HYDRAZINE DECON MATERIAL 2) ALODINE 1201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Brunor
Signature: X
Month 06 Day 18 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature
Month 6 Day 19 Year 19
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
U.S. EPA ID Number

18b. Alternate Facility (or Generator)
Facility's Phone:
Month Day Year
18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR'S INITIAL COPY

Land Disposal Restriction Notification Form

Generator Name NASA GODDARD SPACE FLIGHT CENT

EPA ID Number VA7800020888 Manifest 001729685VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3304207999-002 (1/ 1)

WIP / Approval Code:	452324 / STB002091
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D011, U133
Constituents (F001 - F005):	None
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3304207999-001 (1/ 2)

WIP / Approval Code:	723920 / STB002084
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D002, D007
Constituents (F001 - F005):	None
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 6/19/2019

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001729685VES
Field System ID: P8
Work Order Number: 3304207999
Date Shipped: 06/18/2019

Container#: P8-3304207999-002 Waste Area: Manifest Page/Line: 01 / 1

WIP: 452324 DisposalCode: STB002091 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN3287, WASTE TOXIC LIQUID, INORGANIC, n.o.s., (HYDRAZINE), 6.1, II

No. of Commons: 02 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: U133,D011 PCB Serial #: OOS Date: / /

Total Cmns Wt: 10 SIC: 9661 Source: G15 Form: W409 System: H132 Cubic Ft.: 0.68

Individual Common Weights: 5, 5 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		HYDRAZINE, AQUEOUS SOLUTION [1-2%] WATER [40-60%] SILVER [0-1%] DEBRIS INCLUDING SPILL PADS, PIGS, PILLOWS, WIPES, PLASTIC, SEALS, WOOD, PERSONAL PROTECTIVE EQUIPMENT, DRAGER TUBES. [40-60%] ALCOHOL [0-1%]	U133, D011

Container#: P8-3304207999-001 Waste Area: Manifest Page/Line: 01 / 2

WIP: 723920 DisposalCode: STB002084 PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: D002,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: 5 SIC: 9661 Source: G08 Form: W105 System: H132 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 5 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		CHROMIC ACID SOLUTION [0-1%] HYDROFLUORIC ACID SOLUTION [0-1%] POTASSIUM FERRICYANIDE [0-1%] WATER [97-99%]	D002, D007

*Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888

2. Page 1 of 1

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001729686 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
Environmental Recovery Corp
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1987, WASTE ALCOHOLS, n.o.s., (ETHANOL, HYDRAZINE), 3, II, RQ (D001)	1	DF	120	P	D001		
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	DF	40	P	F001 F002	F003 F005	D001 D007
X	3. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	3	DM	297	P	F001 F002	F003 F005	D001 D007
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) ALCOHOL WITH WATER AND HYDRAZINE 2) PAINT RELATED CLEAN-UP MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Bruner
Signature: X
Month Day Year: 06 18 19

GENERATOR

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

INT'L

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month Day Year: 6 19 19

Transporter 2 Printed/Typed Name: J. WIGGINS
Signature: J. Wiggins
Month Day Year: 06 28 19

TRANSPORTER

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

DESIGNATED FACILITY

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061	H061	H061	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Anthony Blankenship
Signature:
Month Day Year: 7 9 19

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of: 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001729686 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1987, WASTE ALCOHOLS, n.o.s., (ETHANOL, HYDRAZINE), 3, II, RQ (D001)	1	DF	120	P	D001		
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	DF	40	P	F001	F003	D001
						F002	F005	D007
X	3. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	3	DM	297	P	F001	F003	D001
						F002	F005	D007
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ALCOHOL WITH WATER AND HYDRAZINE 2) PAINT RELATED CLEAN-UP MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Bruner
Signature: X [signature]
Month 06 Day 18 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month 6 Day 19 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Land Disposal Restriction Notification Form

Generator Name NASA GODDARD SPACE FLIGHT CENT

EPA ID Number VA7800020888 Manifest 001729686VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3304207998-001 (1/ 1)

WIP / Approval Code:	017425 / SRRFS<5"
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1))
Constituents (F001 - F005):	None
UHCs Present:	Not Applicable
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3304207998-003 (1/ 2)

WIP / Approval Code:	322620 / SRRSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D008 (NONE), D035, D039, F001, F002, F003 (NONE), F005 (NONE)
Constituents (F001 - F005):	ACETONE, ETHYL ACETATE, ETHYL BENZENE, METHYL ALCOHOL, METHYL ETHYL KETONE (MEK), TETRACHLOROETHYLENE, TOLUENE, TRICHLOROETHYLENE (TCE), M XYLENE
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3304207998-002 (1/ 3)

WIP / Approval Code:	322620 / SRRSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D008 (NONE), D035, D039, F001, F002, F003 (NONE), F005 (NONE)
Constituents (F001 - F005):	ACETONE, ETHYL ACETATE, ETHYL BENZENE, METHYL ALCOHOL, METHYL ETHYL KETONE (MEK), TETRACHLOROETHYLENE, TOLUENE, TRICHLOROETHYLENE (TCE), M XYLENE
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001729686VES
Field System ID: P8
Work Order Number: 3304207998
Date Shipped: 06/18/2019

Container#: P8-3304207998-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 017425 DisposalCode: SRRFS<5" PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1987, WASTE ALCOHOLS, n.o.s., (ETHANOL, HYDRAZINE), 3, II, RQ (D001)

No. of Commons: 01 Outer Container: 301H1-DF Inner Container:

Primary Waste Codes: D001 PCB Serial #: OOS Date: / /

Total Cmns Wt: 120 SIC: 9661 Source: G11 Form: W203 System: H061 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 120 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		ETHANOL [95%] WATER [4.5%] Z- HYDRAZINE [0.5%]	D001

Container#: P8-3304207998-003 Waste Area: Manifest Page/Line: 01 / 2

WIP: 322820 DisposalCode: SRRSOLID-LT PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: 01 Outer Container: 301H2-DF Inner Container:

Primary Waste Codes: F001,F002,F003,F005,D001,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: 40 SIC: 9661 Source: G32 Form: W409 System: H061 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 40 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		ACETONE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] METHANOL [0-1%] MEK (METHYL ETHYL KETONE) [0-1%] TETRACHLOROETHYLENE [0-1%] TOLUENE [0-1%] TRICHLOROETHYLENE [0-1%] M XYLENE [0-1%] PLASTIC, BOTTLES, CANS, RAGS, DEBRIS, PAINT SOLIDS [90-91%]	F001, F002, F003, F005, D001, D007, D008, D035, D039

Container#: P8-3304207998-002 Waste Area: Manifest Page/Line: 01 / 3

WIP: 322820 DisposalCode: SRRSOLID-LT PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: 03 **Outer Container: 551A2-DM** **Inner Container:**

Primary Waste Codes: F001,F002,F003,F005,D001,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: 297 SIC: 9661 Source: G32 Form: W409 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 99, 99, 99 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] METHANOL [0-1%] MEK (METHYL ETHYL KETONE) [0-1%] TETRACHLOROETHYLENE [0-1%] TOLUENE [0-1%] TRICHLOROETHYLENE [0-1%] M XYLENE [0-1%] PLASTIC, BOTTLES, CANS, RAGS, DEBRIS, PAINT SOLIDS [90-91%]	F001, F002, F003, F005, D001, D007, D008, D035, D039

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001729687 VES

GENERATOR

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., 8, III	1	DF	4	P	D002		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS +- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. +- 1) ERG:154 W:309233 PLC

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Bruner
Signature: X
Month 06 Day 19 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 6 Day 19 Year 19
Transporter 2 Printed/Typed Name: JOHN J TREMBLY
Signature:
Month 06 Day 24 Year 19

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: LEONARD BECK
Signature:
Month 06 Day 25 Year 19

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
VA7800020688	1	(877) 818-0087	001729687 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC — U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., 8, III	1	DF	4	P	D002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:154 W:309233 PLC

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Dudas Bruner — Signature: X [signature] — Month 06 Day 19 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shane Kahn — Signature: [signature] — Month 6 Day 19 Year 19

Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

Land Disposal Restriction Certification Form - Exempt Lab Pack

Generator Name **NASA GODDARD SPACE FLIGHT CENT**

EPA ID Number **VA7800020888** Manifest **001729687VES**

This notice is being provided in accordance with 40 CFR 268.7(a)(9) to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. This shipment contains lab packs that do not carry waste codes listed in 40 CFR part 268 Appendix IV. The method of treatment for these wastes is incineration. The container numbers corresponding to the individual lab packs are listed below along with the associated hazardous waste codes.

Container Number: **PB-3304149999-001 (1/ 1)**

Waste Codes: **D002**

"I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes that have not been excluded under appendix IV to 40 CFR part 268 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

Signature

Title Env Engineer Date 6/19/2019

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001729687VES
Field System ID: P8
Work Order Number: 3304149999
Date Shipped: 06/18/2019

Container#: P8-3304149999-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 309233 DisposalCode: PTAVES038 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., 8, III

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: D002 PCB Serial #: OOS Date: / /

Total Cmns Wt: 4 SIC: 9661 Source: G22 Form: W001 System: H040 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 4 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	1 qt		PHOSPHORIC ACID SOLUTION (85% IN WATER) IN CLEANER	D002

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888

2. Page 1 of 2

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001729688 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824 2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
Environmental Recovery Corp
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DF	40	P	D001 D035		
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	DM	99	P	F001 F002	F003 F005	D001 D007
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:126 W:309234 AEROSOLS, FLAMMABLE 2) ERG:133 W:322820 PAINT RELATED CLEAN-UP MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Bruner
Signature: X
Month 06 Day 19 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 6 Day 19 Year 19
Transporter 2 Printed/Typed Name: J. WIGGINS
Signature: J. Wiggins
Month 06 Day 20 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H061 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Ron Harry Blankenship
Signature:
Month 7 Day 9 Year 19

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of 1
3. Emergency Response Phone: (877) 819-0087
4. Manifest Tracking Number: 001729688 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-5101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DF	40	P	D001 D035		
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	DM	99	P	F001 F002	F003 F005	D001 D007
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:126 W:309234 AEROSOLS, FLAMMABLE 2) ERG:133 W:322820 PAINT RELATED CLEAN-UP MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Brunner
Signature: X
Month 06 Day 19 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 6 Day 19 Year 19
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001729688VES
Field System ID: P8
Work Order Number: 3304149998
Date Shipped: 06/18/2019

Container#: P8-3304149998-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 309234 DisposalCode: SRR-AEROSOL PHY State: G

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY

No. of Commons: 01 Outer Container: 301H2-DF Inner Container:

Primary Waste Codes: D001,D035 PCB Serial #: OOS Date: / /

Total Cmns Wt: 40 SIC: 9661 Source: G11 Form: W801 System: H141 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 40 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		ACETONE [0-1%] ETHYL BENZENE [0-1%] METHYL ALCOHOL [0-1%] TOLUENE [0-1%] XYLENE [0-1%] TRICHLOROETHANE (NON F-LISTED) [0-1%] CARBON TETRACHLORIDE (NON F-LISTED) [0-1%] ETHYL ACETATE (NON F-LISTED) [0-1%] METHYL ETHYL KETONE (NON F-LISTED) [0-1%] ISOBUTYL ALCOHOL (NON F-LISTED) [0-1%] VARIOUS AEROSOL PAINTS, LAQUERS, SILICONES, MOLD RELEASE AGENTS, LUBRICANTS [76-78%] CHLOROFLUOROCARBON PROPELLANTS [2-20%] AROMATIC HYDROCARBON PROPELLANTS [2-20%]	D001, D035

Container#: P8-3304149998-002 Waste Area: Manifest Page/Line: 01 / 2

WIP: 322820 DisposalCode: SRRSOLID-LT PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: ~~63~~ 1 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: F001,F002,F003,F005,D001,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: ~~1260~~ 99 SIC: 9661 Source: G32 Form: W409 System: H061 Cubic Ft.: 7.50

Individual Common Weights: ~~400, 400, 400~~ 99 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] METHANOL [0-1%] MEK (METHYL ETHYL KETONE) [0-1%] TETRACHLOROETHYLENE [0-1%] TOLUENE [0-1%] TRICHLOROETHYLENE [0-1%] M XYLENE [0-1%] PLASTIC, BOTTLES, CANS, RAGS, DEBRIS, PAINT SOLIDS [90-91%]	F001, F002, F003, F005, D001, D007, D008, D035, D039

Land Disposal Restriction Notification Form

Generator Name **NASA GODDARD SPACE FLIGHT CENT**

EPA ID Number **VA7890020888** Manifest **001729688VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **P8-3304149998-001 (1/ 1)**

WIP / Approval Code:	**309234 / SRR-AEROSOL**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035**
Constituents (F001 - F005):	**None**
UHCs Present:	**ACETONE, ETHYL BENZENE, METHYL ALCOHOL, TOLUENE, O- XYLENE, 1,1,1- TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

Container Number: **P8-3304149998-002 (1/ 2)**

WIP / Approval Code:	**322820 / SRRSOLID-LT**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D008 (NONE), D035, D039, F001, F002, F003 (NONE), F005 (NONE)**
Constituents (F001 - F005):	**ACETONE, ETHYL ACETATE, ETHYL BENZENE, METHYL ALCOHOL, METHYL ETHYL KETONE (MEK), TETRACHLOROETHYLENE, TOLUENE, TRICHLOROETHYLENE (TCE), M XYLENE**
UHCs Present:	**None**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 6/19/2019

VEOLIA
ENVIRONMENTAL SERVICES

ZZ 00809650

SHIPPING DOCUMENT

NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

VEOLIA ES TECHNICAL SOLUTIONS

ENVIRONMENTAL RECOVERY CORP
10 N OLD MANHEIM PIKE
LANCASTER, PA 17601

PAD 987286749

1	OIL, 000	1	DM	400	P	KW307

Service Contracted by VESTS + Contract retained by generator certifies agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) WASTE OIL

Douglas Bruner

Shane Kuhn 6 19 19

Dennis Wagner 6 21 19

Acceptance

6 21 19

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	VA7800020888	1	(877) 818-0087	ZZ 00809650

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ENVIRONMENTAL RECOVERY CORP
1076 OLD MANHEIM PIKE
LANCASTER, PA 17601
Facility's Phone: 717 393-2677
U.S. EPA ID Number: PAD987266749

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. OIL, N.O.S.	1	DM	400	P	RW509
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) WASTE OIL

15. **GENERATOR S/OFFEROR S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: x Dorothy Bruner — Signature: x [signature] — Month 06 Day 18 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Shipment

Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month 6 Day 19 Year 19

Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Shipping Document Tracking Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

GENERATOR / SHIPPER'S INITIAL COPY

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: ZZ00808650
Field System ID: P8
Work Order Number: 3304207997
Date Shipped: 06/18/2019

Container#: P8-3304207997-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 083319 DisposalCode: ERCOIL PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: OIL, n.o.s.

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: RW509 PCB Serial #: OOS Date: / /

Total Cmns Wt: 400 SIC: 9661 Source: G16 Form: W206 System: H039 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		WATER [0-5%] OIL [95-100%]	RW509

Activity Report

JOB NO: 3304207000
BILL DOC NO P890614532
GENERATOR NO 437548

WO NO: 3304207000
EPA ID: VA7800020888

BILL TO: LJT & ASSOCIATES, INC.
9661 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3625
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-1127

CONTACT: JOEL MITCHEL

MANIFEST NUMBER(S):
001729684VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PC/LN	WASTE AREA
Manifest # 001729684VES WIP 321408 / Approval VNJPTAVES050 FLAMMABLE LOOSEPACK	2	551A2-DM	600	P	1 / 1	
Manifest # 001729684VES WIP 309233 / Approval PTAVES038 PACK LAB CHEMICALS	2	141G-DF	120	P	1 / 2	
Manifest # 001729684VES WIP 945649 / Approval SSS176402 ALKALINE BATTERIES	1	051H2-DF	60	P	1 / 3	

Total Hours: 0
# of Containers: 5
Total Pounds: 780

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304207000 WO NO: 3304207000
BILL DOC NO P890614532 EPA ID: VA7800020888
GENERATOR NO 437548

BILL TO: LJT & ASSOCIATES, INC.
5661 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-1127

CONTACT: JOEL MITCHEL

MANIFEST NUMBER(S):
001729685VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001729685VES WIP 452324 / Approval STB002091 HYDRAZINE CONTMAMINTAED DECON MATERIAL	2	051H2-DF	10	P	1 / 1	
Manifest # 001729685VES WIP 723920 / Approval STB002084 ALODINE 1201	1	051H2-DF	5	P	1 / 2	

Total Hours: 0
# of Containers: 3
Total Pounds: 15

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304207000
BILL DOC NO P890614532
GENERATOR NO 437548

WO NO: 3304207000
EPA ID: VA7800020888

BILL TO: LJT & ASSOCIATES, INC.
9891 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

JOB SITE: NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-1127

CONTACT: SHARON HARRIS

CONTACT: JOEL MITCHEL

MANIFEST NUMBER(S):
001729686VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PGA.N	WASTE AREA
Manifest # 001729686VES WIP 17425 / Approval SRRFS<5" ALCOHOL WITH WATER AND HYDRAZINE	1	301H1-DF	120	P	1 / 1	
Manifest # 001729686VES WIP 322820 / Approval SRRSOLID-LT PAINT RELATED CLEANUP MATERIAL (WFF-004)	1	301H2-DF	40	P	1 / 2	
Manifest # 001729686VES WIP 322820 / Approval SRRSOLID-LT PAINT RELATED CLEANUP MATERIAL (WFF-004)	3	551A2-DM	297	P	1 / 3	

Total Hours: 0
# of Containers: 5
Total Pounds: 457

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304207000
BILL DOC NO P890614532
GENERATOR NO 437548

WO NO: 3304207000
EPA ID: VA7800020885

BILL TO: LJT & ASSOCIATES, INC.
9881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

JOB SITE: NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-1127

CONTACT: SHARON HARRIS

CONTACT: JOEL MITCHEL

MANIFEST NUMBER(S):
ZZ00808650

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # ZZ00808650 WIP 83319 - Approval ERCOIL WASTE OIL	1	551A2-DM	400	P	1 / 1	

Total Hours: 0
# of Containers: 1
Total Pounds: 400

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304207000
BILL DOC NO P890614532
GENERATOR NO 437548

WO NO: 3304207000
EPA ID: VA7800020888

BILL TO: LJT & ASSOCIATES, INC.
9881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-1127

CONTACT: JOEL MITCHEL

MANIFEST NUMBER(S):
Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SUB DATE	TERR
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PGALN	WASTE AREA
06/14/2019 Manpwr.- SUPERVISOR & ONE TECHNICAL ASSISTANT (HOUR)		305	1@1	HOUR	/	
06/14/2019 Manpwr.- MOBILIZATION FEE (EACH)		1246	1@1	EACH	/	
06/14/2019 Mtrl. - 141G - 14 GAL SQUARE FIBER DRUM (ROCON) (EACH)		651	2	EACH	/	
06/14/2019 Mtrl. - VERMICULITE, 4 CUFT BAG (EACH)		31	1	EACH	/	

Total Hours: 1

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304207000
BILL DOC NO P699614532
GENERATOR NO 437548

WO NO: 3304207000
EPA ID: VA7800020688

BILL TO: LJT & ASSOCIATES, INC.
8881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-1127

CONTACT: JOEL MITCHEL

MANIFEST NUMBER(S):
Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

Comments:

Signature: Marianne Simko

Print Name: Marianne Simko

Customer authorizes Contractor to make changes on Customer's behalf in regards to transporters used and to perform the Services, including adding or changing transporters listed on manifests. If Customer provides an approved transporter list in writing to Contractor at the time Customer executes this Agreement, Contractor shall select only those transporters on that list when providing transportation services to Customer. If Customer does not provide an approved transporter list in writing to Contractor at the time Customer executes this Agreement, Customer authorizes Contractor to select any permitted transporter to provide transportation services to Customer.

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number: VA7800020888	2. Page 1 of 1	3. Emergency Response Phone: (877) 318-6097	4. Shipping Document Tracking Number: ZZ 00809651

5. Generator's name and Mailing Address:
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 717 824-2127

Generator's Site Address (if different than mailing address):
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: HJD000631269

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP — U.S. EPA ID Number: PAD087266749

8. Designated Facility Name and Site Address:
ENVIRONMENTAL RECOVERY CORP
1076 OLD MARKEM ROAD
LANCASTER, PA 17601
Facility Phone: 717 393-2627
U.S. EPA ID Number: PAD087266749

Item No.	9a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Contents No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
1	NON RCRA AND DOT NOT REGULATED LIQUID	2	DF	800	P	RW309
2	OIL, n.o.s.	1	DM	1200	P	RW309
3	NON-RCRA LIQUID, n.o.s.	1	DM	400	P	RW309

14. Special handling instructions and additional information: Elk Service Contracted by VEOLIA + Contract related by generator confirm agency authority on market transporter to add or substitute additional transporters on generator's behalf + 1) W 495754 FUELS WATER W/TRACE PERCHLORATE 2) W 83319 WASTE OIL 3) W 331725 WATER/DIESEL FUEL

15. GENERATOR DECLARATION & CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and contaminated, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

Generator's Officer's Printed Typed Name: Douglas Bruner — Signature: [signature] — Month 06 Day 19 Year 19

16. Transporter 1 Acknowledgment: ☐ Imports US ☐ Export Sale US — Date of Receipt: (Date Leaving U.S.)

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Shipment:

Signature of Printed Typed Name: Shane Bulin — Signature: [signature] — Month 6 Day 19 Year 19

Generator's Officer's Printed Typed Name: Dennis Wagner — Signature: [signature] — Month 6 Day 21 Year 19

18. Discrepancy:

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Location ☐ Partial Rejection ☐ Full Rejection

Process Document Tracking Number:

19. Alternate Facility (or Generator): U.S. EPA ID Number:

Facility's Phone:

19a. Signature of Alternate Facility (or Generator): Month Day Year

20. Report Management Method Codes (i.e., codes for recovery, disposal and reporting systems):

1.	2.	3.	4.

21. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a.

Printed Typed Name: Aaron — Signature: [signature] — Month 6 Day 21 Year 19

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

[redacted] [redacted]

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	VA7800020888	1	(877) 818-0087	ZZ 00809651

GENERATOR

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD063136 9

7. Transporter 2 Company Name
ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
ENVIRONMENTAL RECOVERY CORP.
1076 OLD MANHEIM PIKE
LANCASTER, PA 17601
Facility's Phone: 717 393-2627
U.S. EPA ID Number: PAD987266749

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. NON RCRA AND DOT NON REGULATED LIQUID	2	DF	800	P	RW399
	2. OIL, n.o.s.	3	DM	1200	P	RW509
	3. NON-RCRA LIQUID, n.o.s.	1	DM	400	P	RW399
	4.					

14. Special Handling Instructions and Additional Information
RR Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) W:475754 PUROE WATER W/TRACE PERCHLORATE 2) W:83319 WASTE OIL 3) W:321725 WATER/DIESEL FUEL

15. **GENERATOR S/OFFEROR S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Douglas Brunner
Signature:
Month 06 Day 12 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Shipment

Transporter 1 Printed/Typed Name: Shane Kuka
Signature:
Month 6 Day 19 Year 19

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Shipping Document Tracking Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

GENERATOR / SHIPPER'S INITIAL COPY

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: ZZ00809651
Field System ID: P8
Work Order Number: 3304149000
Date Shipped: 06/18/2019

Container#: P8-3304149000-006 Waste Area: Manifest Page/Line: 01 / 1

WIP: 475754 DisposalCode: ERCLWT PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: NON RCRA AND DOT NON REGULATED LIQUID

No. of Commons: 02 Outer Container: 551H2-DF Inner Container:

Primary Waste Codes: RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 800 SIC: 9661 Source: G19 Form: W219 System: H039 Cubic Ft.: 7.50

Individual Common Weights: 400, 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		AMMONIUM PERCHLORATE (>15 MICRONS) [70B] WATER [99.9-100%]	RW399

Container#: P8-3304149000-005 Waste Area: Manifest Page/Line: 01 / 2

WIP: 083319 DisposalCode: ERCOIL PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: OIL, n.o.s.

No. of Commons: 03 Outer Container: 551A1-DM Inner Container:

Primary Waste Codes: RW509 PCB Serial #: OOS Date: / /

Total Cmns Wt: 1200 SIC: 9661 Source: G16 Form: W206 System: H039 Cubic Ft.: 7.50

Individual Common Weights: 400, 400, 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		WATER [0-5%] OIL [95-100%]	RW509

Container#: P8-3304149000-004 Waste Area: Manifest Page/Line: 01 / 3

WIP: 321725 DisposalCode: ERCLWT PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: NON-RCRA LIQUID, n.o.s.

No. of Commons: 01 Outer Container: 551A1-DM Inner Container:

Primary Waste Codes: RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 400 SIC: 9661 Source: G32 Form: W219 System: H039 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		DIESEL FUEL OIL NO. 2-D [10-20%] WATER [80-90%]	RW399

Activity Report

JOB NO: 3304149000
BILL DOC NO P890614578
GENERATOR NO 437548

WO NO: 3304149000
EPA ID: VA7800020888

BILL TO: LJT & ASSOCIATES, INC.
9881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-1127

CONTACT: JOEL MITCHEL

MANIFEST NUMBER(S):
001729687VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001729687VES WIP 309233 / Approval PTAVES038 PACK LAB CHEMICALS	1	051H2-DF	4	P	1 / 1	

Total Hours: 0
# of Containers: 1
Total Pounds: 4

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304149000
BILL DOC NO P890614578
GENERATOR NO 437548

WO NO: 3304149000
EPA ID: VA7800020888

BILL TO: LJT & ASSOCIATES, INC.
9881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3625
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-1127

CONTACT: JOEL MITCHEL

MANIFEST NUMBER(S):
001729688VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001729688VES WIP 309234 / Approval SRR-AEROSOL AEROSOLS, FLAMMABLE (WFF-031)	1	301H2-DF	40	P	1 / 1	
SAFETY ALERT: NO CUBIC YARD BOXES, WRANGLERS, GAYLORDS PERMITTED						
Acknowledged By: sk						
Manifest # 001729688VES WIP 322820 / Approval SRRSOLID-LT PAINT RELATED CLEANUP MATERIAL (WFF-004)	~~8~~ 1	551A2-DM	~~1200~~ 99	P	1 / 2	

Total Hours: 0
# of Containers: 4
Total Pounds: 1240

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304149000
BILL DOC NO P890614578
GENERATOR NO 437548

WO NO: 3304149000
EPA ID: VA7800020888

BILL TO: LJT & ASSOCIATES, INC.
6851 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-1127

CONTACT: JOEL MITCHEL

MANIFEST NUMBER(S):
ZZ00809651

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PGA/N	WASTE AREA
Manifest # ZZ00809651 WIP 475754 / Approval ERCLWT PURGE WATER W/ TRACE PERCHLORATE WFF-239	2	551H2-DF	800	P	1 / 1	
Manifest # ZZ00809651 WIP 83319 / Approval ERCOIL WASTE OIL	3	551A1-DM	1200	P	1 / 2	
Manifest # ZZ00809651 WIP 321725 / Approval ERCLWT WATER/DIESEL FUEL (WFF-098)	1	551A1-DM	400	P	1 / 3	

Total Hours: 0
# of Containers: 6
Total Pounds: 2400

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304149000
BILL DOC NO P890614578
GENERATOR NO 437548

WO NO: 3304149000
EPA ID: VA7800020888

BILL TO: LJT & ASSOCIATES, INC.
9861 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-1127

CONTACT: JOEL MITCHEL

MANIFEST NUMBER(S):
Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
06/14/2019 Manpwr. - SUPERVISOR & ONE TECHNICAL ASSISTANT (HOUR)		305	1@1	HOUR	/	
06/14/2019 Manpwr. - MOBILIZATION FEE (EACH)		1246	1@1	EACH	/	

Total Hours: 1

Comments:

Signature: Marianne Simko

Print Name: Marianne Simko

Customer authorizes Contractor to make changes on Customer's behalf in regards to transporters used and to perform the Services, including adding or changing transporters listed on manifests. If Customer provides an approved transporter list in writing to Contractor at the time Customer executes this Agreement, Contractor shall select only those transporters on that list when providing transportation services to Customer. If Customer does not provide an approved transporter list in writing to Contractor at the time Customer executes this Agreement, Customer authorizes Contractor to select any permitted transporter to provide transportation services to Customer.

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	VA8800010763	3	(877) 818-0087	001729689 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
~~X~~ SA	1. ~~UN3163, LIQUEFIED GAS, n.o.s., 2.2~~ SA	SA ~~1~~	SA ~~DF~~	SA ~~2.0~~	SA ~~P~~	~~NONE~~ SA ~~RW399~~		
~~X~~ SA	2. ~~UN1018, CHLORODIFLUOROMETHANE, 2.2~~ SA	SA ~~1~~	SA ~~DF~~	SA ~~2.5~~	SA ~~P~~	~~NONE~~ SA ~~RW399~~		
X	3. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001)	1 ~~2~~ SA	DM	225 SA ~~450~~	P	U002 D001	D007 D018	D035
X	4. UN2924, WASTE FLAMMABLE LIQUIDS, CORROSIVE, n.o.s., 3 (8), II	1	DF	5	P	D001 D002		

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) ERG:126 W:681464 R-22 AND 410A REFRIDGERANT 2) ERG:126 W:907421 R-22 3) ERG:128 W:323050 FLAMMABLE LOOSEPACK 4) ERG:132 W: 306276 PLC

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Bruner
Signature: X [signature]
Month 06 Day 18 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month 6 Day 18 Year 19

Transporter 2 Printed/Typed Name: JOHN J TRIMBLY
Signature: [signature]
Month 06 Day 24 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
		H141	H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: LEONARD BECK
Signature: [signature]
Month 06 Day 25 Year 19

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	VAS800010763	2 of 3	001729689VES

24. Generator's Name: NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
X	5. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (GASOLINE FILTERS), 4.1, II	1	DF	75	P	D001 D018		
X	6. UN2810, WASTE TOXIC LIQUIDS, ORGANIC, n.o.s., (EPINEPHRIN), 6.1, II	1	DF	3	P	P042		
X	7. UN2810, WASTE TOXIC LIQUIDS, ORGANIC, n.o.s., 6.1, III	1	DF	8	P	F002		
X	8. UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8	1	DF	130	P	NONE		
X	9. UN3480, LITHIUM ION BATTERIES, 9	1 ~~2~~	DF	20 ~~40~~	P	NONE		
X	10. UN3090, LITHIUM METAL BATTERIES, 9	1 ~~2~~	DF	20 ~~40~~	P	NONE		
	11. BATTERIES, DRY, SEALED, n.o.s.	2	DF	100	P	NONE RW703		
	12. NON RCRA SOLID, n.o.s.	1	DM	150	P	NONE RW507		
	13. FLUORESCENT TUBES, DESTINED FOR RECYCLING	3	DF	300	P	NONE		
	14. FLUORESCENT TUBES, DESTINED FOR RECYCLING	1	DF	30	P	NONE		

32. Special Handling Instructions and Additional Information
5) ERG:133 W:917991 GAS FILTERS 6) ERG:153 W:491193 EPIPEN CONTAINING EPINEPHRINE 7) ERG:153 W:306276 PLC 8) ERG:154 W:402477 NICAD BATTERIES 9) ERG:147 W:844651 LITHIUM ION BATTERIES 10) ERG:138 W:844650 LITHIUM METAL BATTERIES 11) W:321310 ALKALINE BATTERIES 12) W:321716 DEBRIS FROM SAMPLING AND SPILL 13) W:555650 FLUORESCENT LAMPS 14) W:555650 FLUORESCENT LAMPS

GENERATOR

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Month — Day — Year

34. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

5.	6.	7.	8.	9.
H141	H141	H141	H141	H141

10.	11.	12.	13.	14.
H141	H141	H141	H141	H141

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number VA8800010763	22. Page 3 of 3	23. Manifest Tracking Number 001729689VES

24. Generator's Name NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
	15.FLUORESCENT TUBES, DESTINED FOR RECYCLING	1	DF	15	P	NONE		
	16.MERCURY LAMPS, USED FOR RECYCLING	1	DF	5	P	NONE		
	17.MERCURY LAMPS, USED FOR RECYCLING	1	DF	60	P	NONE		

GENERATOR

32. Special Handling Instructions and Additional Information 13) W:555650 FLUORESCENT LAMPS 16) W:891023 HID LAMPS 17) W:737767

UV LAMPS

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

13.	14.	15.	16.	17.	18.
H141		H141		H141	

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA 2 8 0 0 0 1 0 7 6 3

2. Page 1 of 3

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001729689 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: N J D 0 8 0 6 3 1 3 6 9

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC
U.S. EPA ID Number: N J D 0 5 4 1 2 6 1 6 4

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3096
U.S. EPA ID Number: N C D 9 8 6 1 6 6 3 3 8

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
~~X~~ 5H	1. ~~UN1163, LIQUEFIED GAS, n.o.s., 2.2~~ 5H	5H ~~1~~	5H ~~D F~~	5H ~~20~~	5H ~~P~~	~~NONE~~ 5H ~~RW999~~		
~~X~~ 5H	2. ~~UN1018, CHLORODIFLUOROMETHANE, 2.2~~ 5H	5H ~~1~~	5H ~~D F~~	5H ~~22~~	5H ~~P~~	~~NONE~~ 5H ~~RW999~~		
X	3. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001)	1 ~~2~~ 5H	D M	225 5H ~~450~~	P	D002 / D001	D007 / D018	D035
X	4. UN2924, WASTE FLAMMABLE LIQUIDS, CORROSIVE, n.o.s., 3 (8), II	1	D F	5	P	D001 / D002		

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:126 W:681464 R-22 AND 410A REFRIDGERANT 2) ERG:126 W:907421 R-22 3) ERG:128 W:323050 FLAMMABLE LOOSEPACK 4) ERG:132 W: 306276 PLC

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X [illegible]
Signature: X [signature]
Month: 0 6 Day: 18 Year: 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month: 6 Day: 18 Year: 19

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month: Day: Year:

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	VA8800010763	2 of 3	001729689VES

24. Generator's Name: NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
X	5. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (GASOLINE FILTERS), 4.1, II	1	DF	75	P	D001		
						D018		
X	6. UN2810, WASTE TOXIC LIQUIDS, ORGANIC, n.o.s., (EPINEPHRIN), 6.1, II	1	DF	3	P	P042		
X	7. UN2810, WASTE TOXIC LIQUIDS, ORGANIC, n.o.s., 6.1, III	1	DF	8	P	F002		
X	8. UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8	1	DF	130	P	NONE		
X	9. UN3480, LITHIUM ION BATTERIES, 9	1 ~~2~~	DF	20 ~~40~~	P	NONE		
X	10. UN3090, LITHIUM METAL BATTERIES, 9	1 ~~2~~	DF	20 ~~40~~	P	NONE		
	11. BATTERIES, DRY, SEALED, n.o.s.	2	DF	100	P	NONE		
						RW703		
	12. NON-RCRA SOLID, n.o.s.	1	DM	150	P	NONE		
						RW507		
	13. FLUORESCENT TUBES, DESTINED FOR RECYCLING	3	DF	300	P	NONE		
	14. FLUORESCENT TUBES, DESTINED FOR RECYCLING	1	DF	30	P	NONE		

32. Special Handling Instructions and Additional Information: 5) ERG:133 W:917991 GAS FILTERS 6) ERG:153 W:491193 EPIPEN CONTAINING EPINEPHRINE 7) ERG:153 W:306276 PLC 8) ERG:154 W:402477 NICAD BATTERIES 9) ERG:147 W:844651 LITHIUM ION BATTERIES 10) ERG:138 W:844650 LITHIUM METAL BATTERIES 11) W:321310 ALKALINE BATTERIES 12) W:321716 DEBRIS FROM SAMPLING AND SPILL 13) W:555650 FLUORESCENT LAMPS 14) W:555650 FLUORESCENT LAMPS

GENERATOR

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

5.	6.	7.	8.	9.
10.	11.	12.	13.	14.

EPA Form 8700-22A (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	VA8800010763	3 of 3	001729689VES

24. Generator's Name: NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
	15.FLUORESCENT TUBES, DESTINED FOR RECYCLING	1	DF	15	P	NONE		
	16.MERCURY LAMPS, USED FOR RECYCLING	1	DF	5	P	NONE		
	17.MERCURY LAMPS, USED FOR RECYCLING	1	DF	60	P	NONE		

32. Special Handling Instructions and Additional Information

15) W:555650 FLUORESCENT LAMPS 16) W:891023 HID LAMPS 17) W:737767

UV LAMPS

GENERATOR

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

15 | 16 | 17

Land Disposal Restriction Notification Form

Generator Name NASA/GSFC WALLOPS FLIGHT FACIL

EPA ID Number VA8800010763 Manifest 001729689VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3304212997-005 (1/ 3)

WIP / Approval Code:	323050 / VNJPTAVES050
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), D007, D018, D035, U002
Constituents (F001 - F005):	None
UHCs Present:	METHYL ALCOHOL, TOLUENE, O- XYLENE, 1,1,1-TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3304212997-003 (2/ 5)

WIP / Approval Code:	917891 / VNJPTAVES025
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D018
Constituents (F001 - F005):	None
UHCs Present:	TOLUENE, O- XYLENE
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3304212997-004 (2/ 6)

WIP / Approval Code:	491193 / PTASRP001
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	P042
Constituents (F001 - F005):	None
UHCs Present:	Not Applicable
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature _____

Title Env Engineer Date 6/19/2019

Land Disposal Restriction Certification Form - Exempt Lab Pack

Generator Name **NASA/GSFC WALLOPS FLIGHT FACIL**

EPA ID Number **VA8800010783** Manifest **001729669VES**

This notice is being provided in accordance with 40 CFR 268.7(a)(9) to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. This shipment contains lab packs that do not carry waste codes listed in 40 CFR part 268 Appendix IV. The method of treatment for these wastes is incineration. The container numbers corresponding to the individual lab packs are listed below along with the associated hazardous waste codes.

Container Number: **P8-3304212997-010 (1/ 4)**

Waste Codes: D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.21(a)(1)), D002

Container Number: **P8-3304212997-017 (2/ 7)**

Waste Codes: F002

"I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes that have not been excluded under appendix IV to 40 CFR part 268 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

Signature

Title Env. Engineer Date 6/19/2019

PACKING SUMMARY

Generator Number: 437550
NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn. MARIANNE SIMKO(CONTACT PAPERW
EPA ID: VA8800010763

Manifest Number: 001729689VES
Field System ID: P8
Work Order Number: 3304212997
Date Shipped: 06/18/2019

Container#: P8-3304212997-016 Waste Area: Manifest Page/Line: 01 / 1

WIP: 681464 DisposalCode: TWICYG002 PHY State: G

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN3163, LIQUEFIED GAS, n.o.s., 2.2

No. of Commons: 01 Outer Container: 141G-DF Inner Container:

Primary Waste Codes: NONE,RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 20 SIC: 9661 Source: G09 Form: W801 System: H040 Cubic Ft.: 1.89

Individual Common Weights: 1 @ 20 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	MED CY		CHLORODIFLUOROMETHANE (R-22) [50%] DIFLUOROMETHANE AND PENTAFLUOROETHANE (50/50) [50%]	NONE, RW399

Cylinder Information

Common :1
Containing: R-22 AND 410A REFRIGERANT
Cylinder Diameter: 12 in. | Cylinder Height: 14 in.
Condition of Cylinder(s): Good | Comment:
Condition of Valve(s): Good | Comment:
Manufactured by .
Inspected by sk

Container#: P8-3304212997-015 Waste Area: Manifest Page/Line: 01 / 2

WIP: 907421 DisposalCode: TWICYG002 PHY State: G

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1018, CHLORODIFLUOROMETHANE, 2.2

No. of Commons: 01 Outer Container: 141G-DF Inner Container:

Primary Waste Codes: NONE,RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 25 SIC: 9661 Source: G13 Form: W801 System: H040 Cubic Ft.: 1.89

Individual Common Weights: 1 @ 25 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	MED CY		CHLORODIFLUOROMETHANE (R-22) [0-100%]	NONE, RW399

Cylinder Information

Common :1
Containing: R-22 (CHLORODIFLUOROMETHANE)
Cylinder Diameter: 12 in. | Cylinder Height: 14 in.
Condition of Cylinder(s): Good | Comment:
Condition of Valve(s): Good | Comment:
Manufactured by .
Inspected by sk

Container#: P8-3304212997-005 Waste Area: Manifest Page/Line: 01 / 3

WIP: 323050 DisposalCode: VNJPTAVES050 PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001)

No. of Commons: ~~02~~ 1 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: U002,D001,D007,D018,D035 PCB Serial #: OOS Date: / /

Total Cmns Wt: ~~450~~ 225 SIC: 9661 Source: G11 Form: W219 System: H040 Cubic Ft.: 7.50

Individual Common Weights: 225, ~~225~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL BROMOACETATE [0-1%] METHYL ALCOHOL [0-1%] TOLUENE [0-1%] XYLENE [0-1%] TRICHLOROETHANE (NON F-LISTED) [0-1%] CARBON TETRACHLORIDE (NON F-LISTED) [0-1%] ETHYL ACETATE (NON F-LISTED) [0-1%] METHYL ETHYL KETONE (NON F-LISTED) [0-1%] ISOBUTYL ALCOHOL (NON F-LISTED) [0-1%] MIXED FLAMMABLE LIQUIDS IN 5 GALLONS AND LESS CONTAINERS INCLUDES, PAINTS, THINNERS AND OTHER REGULATED ORGANIC SOLV. **PLEASE LIST A REPRESENTATIVE DESCRIPTION OF DRUM CONTENTS [100%]	U002, D001, D007, D018, D035, VARI

Container#: P8-3304212997-010 Waste Area: Manifest Page/Line: 01 / 4

WIP: 306276 DisposalCode: PTAVES038 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN2924, WASTE FLAMMABLE LIQUIDS, CORROSIVE, n.o.s., 3 (8), II

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: D001,D002 PCB Serial #: OOS Date: / /

Total Cmns Wt: 5 SIC: 9661 Source: G22 Form: W001 System: H040 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 5 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
2	1 qt		ALCOHOL HYDROCHLORIC ACID SOLUTION	D001, D002

Container#: P8-3304212997-008 Waste Area: Manifest Page/Line: 02 / 5

WIP: 917991 DisposalCode: VNJPTAVES025 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (GASOLINE FILTERS), 4.1, II

No. of Commons: 01 Outer Container: 201H2-DF Inner Container:

Primary Waste Codes: D001,D018 PCB Serial #: OOS Date: / /

Total Cmns Wt: 75 SIC: 9661 Source: G16 Form: W203 System: H040 Cubic Ft.: 2.72

Individual Common Weights: 1 @ 75 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	20 GAL		BENZENE [0-100M] UNLEADED GASOLINE [1-5%] TOLUENE [0-100M] XYLENE [0-100M] CLOTH OR PAPER FILTER MEDIA [50-80%] PLASTIC OR METAL CASING [5-30%]	D001, D018

Container#: P8-3304212997-004 Waste Area: Manifest Page/Line: 02 / 6

WIP: 491193 DisposalCode: PTASRP001 PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN2810, WASTE TOXIC LIQUIDS, ORGANIC, n.o.s., (EPINEPHRIN), 6.1, II

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: P042 PCB Serial #: OOS Date: / /

Total Cmns Wt: 3 SIC: 9661 Source: G11 Form: W219 System: H040 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 3 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		EPINEPHRINE CONTAINED IN EPIPENS [100%]	P042

Container#: P8-3304212997-017 Waste Area: Manifest Page/Line: 02 / 7

WIP: 306276 DisposalCode: PTAVES038 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN2810, WASTE TOXIC LIQUIDS, ORGANIC, n.o.s., 6.1, III

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: F002 PCB Serial #: OOS Date: / /

Total Cmns Wt: 8 SIC: 9661 Source: G22 Form: W001 System: H040 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 8 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
8	1 pt		CLEANER CONTAINING DICHLOROMETHANE	F002

Container#: P8-3304212997-013 Waste Area: Manifest Page/Line: 02 / 8

WIP: 402477 DisposalCode: SSS173617 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8

No. of Commons: 01 Outer Container: 201H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 130 SIC: 9661 Source: G16 Form: W309 System: H141 Cubic Ft.: 2.72

Individual Common Weights: 1 @ 130 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	20 GAL		NICKEL CADMIUM BATTERY (WET) - UNIVERSAL WASTE [100%]	NONE

Container#: P8-3304212997-012 Waste Area: Manifest Page/Line: 02 / 9

WIP: 844651 DisposalCode: SSS211699 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN3480, LITHIUM ION BATTERIES, 9

No. of Commons: ~~02~~ 1 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: ~~40~~ 20 SIC: 9661 Source: G11 Form: W319 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 20, ~~20~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		LITHIUM ION BATTERY - UNIVERSAL WASTE [100%]	NONE

Container#: P8-3304212997-011 Waste Area: Manifest Page/Line: 02 / 10

WIP: 844650 DisposalCode: SSS211699 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN3090, LITHIUM METAL BATTERIES, 9

No. of Commons: ~~02~~ 1 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: ~~40~~ 20 SIC: 9661 Source: G16 Form: W309 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 20, ~~20~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		LITHIUM METAL BATTERY [0-100%]	NONE

Container#: P8-3304212997-001 Waste Area: Manifest Page/Line: 02 / 11

WIP: 321310 DisposalCode: SSS176402 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: BATTERIES, DRY, SEALED, n.o.s.

No. of Commons: 02 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE,RW703 PCB Serial #: OOS Date: / /

Total Cmns Wt: 100 SIC: 9661 Source: G16 Form: W309 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 50, 50 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		ALKALINE BATTERIES [100%]	NONE, RW703

Container#: P8-3304212997-003 Waste Area: Manifest Page/Line: 02 / 12

WIP: 321716 DisposalCode: TWISOL003 PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: NON-RCRA SOLID, n.o.s.

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: NONE,RW507 PCB Serial #: OOS Date: / /

Total Cmns Wt: 150 SIC: 9661 Source: G32 Form: W409 System: H040 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 150 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		SUITS, BOOTS, GLOVES, PPE, RAGS, DEBRIS: PLASTIC, PAPER WIPES, SAMPLING RODS WITH RESIDUAL OIL.. [100%]	NONE, RW507

Container#: P8-3304212997-007 Waste Area: Manifest Page/Line: 02 / 13

WIP: 550650 DisposalCode: SSS509000NC PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: FLUORESCENT TUBES, DESTINED FOR RECYCLING

No. of Commons: 03 Outer Container: 4 FOOT-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 300 SIC: 9661 Source: G19 Form: W320 System: H010 Cubic Ft.: 5.00

Individual Common Weights: 100, 100, 100 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	4FTTUB		FLUORESCENT LAMP TUBES- UNIVERSAL WASTE ***PROVIDE BULB COUNT*** [100%]	NONE

Container#: P8-3304212997-006 Waste Area: Manifest Page/Line: 02 / 14

WIP: 555650 DisposalCode: SSS509002NC PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: FLUORESCENT TUBES, DESTINED FOR RECYCLING

No. of Commons: 01 Outer Container: 4 FOOT-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 30 SIC: 9661 Source: G19 Form: W320 System: H010 Cubic Ft.: 5.00

Individual Common Weights: 1 @ 30 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	4FTTUB		FLUORESCENT LAMP TUBES- UNIVERSAL WASTE ***PROVIDE BULB COUNT*** [100%]	NONE

Container#: P8-3304212997-002 Waste Area: Manifest Page/Line: 03 / 15

WIP: 555650 DisposalCode: SSSWS#179618-C PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: FLUORESCENT TUBES, DESTINED FOR RECYCLING

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 15 SIC: 9661 Source: G19 Form: W320 System: H010 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 15 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		FLUORESCENT LAMP TUBES- UNIVERSAL WASTE ***PROVIDE BULB COUNT*** [100%]	NONE

Container#: P8-3304212997-009 Waste Area: Manifest Page/Line: 03 / 16

WIP: 891023 DisposalCode: SSS509004NC PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: MERCURY LAMPS, USED FOR RECYCLING

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 5 SIC: 9661 Source: G09 Form: W319 System: H010 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 5 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		HID, HIGH-PRESSURE SODIUM, METAL HALIDE, & MERCURY VAPOR LAMPS. ** PLEASE INDICATE NMBER OF BULBS PER CONTAINER ** [100%]	NONE

Container#: P8-3304212997-014 Waste Area: Manifest Page/Line: 03 / 17

WIP: 737767 DisposalCode: SSS509004NC PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: MERCURY LAMPS, USED FOR RECYCLING

No. of Commons: 01 Outer Container: 8 FOOT-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 60 SIC: 9661 Source: G11 Form: W319 System: H010 Cubic Ft.: 10.00

Individual Common Weights: 1 @ 60 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	8FTBX		U-V TUBES (UNIVERSAL WASTE) [0-100%]	NONE

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA8800010763

2. Page 1 of 1 2

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001729690 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973 347-7111
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II	1	D F	5	P	D002 D007		
	2. MATERIAL FOR RECYCLING, (LEAD FOR RECYCLING)	1	D F	8	P	NONE		
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:154 W:954744 ALODINE 1201 2) W:905455 LEAD SOLDER

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Brunner
Signature: X
Month 06 Day 18 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 6 Day 18 Year 19
Transporter 2 Printed/Typed Name: J. WIGGINS
Signature: J. Wiggins
Month 06 Day 28 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. N141 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Darren Cornwell
Signature:
Month 07 Day 05 Year 19

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

[redacted] [redacted]

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
VA7800020888	1	(877) 818-0087	001632847 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUTT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1 ~~2~~ SU	DF ~~B M~~ SU	50 ~~1 9 6~~	P	F001 F002	F003 F005	D001 D007
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:133 W:322820
PAINT RELATED CLEAN-UP MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Liu
Signature:
Month Day Year: 03 27 19

GENERATOR

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month Day Year: 3 27 19

Transporter 2 Printed/Typed Name: Jason Briney
Signature:
Month Day Year: 4 1 19

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: LEONARD BECK
Signature: Leonard Beck
Month Day Year: 04 02 19

8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of: 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001632847 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1 ~~2~~	DF ~~DM~~	50 ~~198~~	P	F001 F002	F003 F005	D001 D007
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) ERG:133 W:322820
PAINT RELATED CLEAN-UP MATERIAL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Lin
Signature: [signature]
Month 03 Day 27 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kahn
Signature: [signature]
Month 3 Day 27 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

A Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

[redacted] [redacted]

Land Disposal Restriction Notification Form

Generator Name NASA GODDARD SPACE FLIGHT CENT

EPA ID Number VA7800020888 Manifest 001632847VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3254526000-001 (1/ 1)

WIP / Approval Code:	322820 / VNJPTAVES051
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D008 (NONE), D035, D039, F001, F002, F003 ~~(NONE)~~, F005 ~~(NONE)~~
Constituents (F001 - F005):	DISPOSAL SITE MONITORS FOR ALL CONSTITUENTS
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature [signature]

Title Env. Engineer Date 3/27/19

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001632847VES
Field System ID: P8
Work Order Number: 3254526000
Date Shipped: 03/27/2019

Container#: P8-3254526000-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 322820 DisposalCode: VNJPTAVES051 PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: ~~02~~ 1 Outer Container: ~~551A2-DM~~ 551H2-1DF Inner Container:

Primary Waste Codes: F001,F002,F003,F005,D001,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: ~~198~~ 50 SIC: 9661 Source: G32 Form: W409 System: H040 Cubic Ft.: 7.50

Individual Common Weights: ~~99, 99~~ 50 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] METHANOL [0-1%] MEK (METHYL ETHYL KETONE) [0-1%] TETRACHLOROETHYLENE [0-1%] TOLUENE [0-1%] TRICHLOROETHYLENE [0-1%] M XYLENE [0-1%] PLASTIC, BOTTLES, CANS, RAGS, DEBRIS, PAINT SOLIDS [90-91%]	F001, F002, F003, F005, D001, D007, D008, D035, D039

VEOLIA ENVIRONMENTAL SERVICES

[redacted] [redacted] 234934

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Shipping Document Tracking Number
	VA7800020888		(877) 818-0087	ZZ 00798591

5. Generator's Name and Mailing Address

NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)

BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP — U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address

VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846

Facility's Phone: 732 469-5100 — U.S. EPA ID Number: NJD002454544

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. NON-RCRA LIQUID, n.o.s.	2	DM	800	P	ID72 RW399
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) W:321725 WATER/ DIESEL FUEL

15. GENERATOR S/OFFEROR S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

~~David Lin~~ DL

Generator's/Offeror's Printed/Typed Name: David Lin — Signature: [signature] — Month 03 Day 27 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Shipment

Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month 3 Day 27 Year 19

Transporter 2 Printed/Typed Name: J. WIGGINS — Signature: J. Wiggins — Month 03 Day 29 Year 19

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Shipping Document Tracking Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061			

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a

Printed/Typed Name: DONN BROWN — Signature: D Brown — Month 4 Day 5 Year 19

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

[redacted] [redacted]

SHIPPING DOCUMENT (Continuation Sheet)	21. Generator ID Number VA7800020888	22. Page 2	23. Shipping Document Tracking Number ZZ00798591

24. Generator's Name: NASA Goddard

25. Transporter 3 Company Name: Veolia Technical Solutions | U.S. EPA ID Number: ND 080631369

26. Transporter 4 Company Name: ST Transportation Co. Inc | U.S. EPA ID Number: NJD071629976

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Codes

32. Special Handling Instructions and Additional Information

GENERATOR

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Shipment
Printed/Typed Name: Jonic Chaux | Signature: [signature] | Month 3 Day 29 Year 19

34. Transporter 4 Acknowledgment of Receipt of Shipment
Printed/Typed Name: Charles Layton | Signature: [signature] | Month 4 Day 5 Year 19

DESIGNATED FACILITY

35. Discrepancy

36. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

[redacted] [redacted]

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	VA7800026858	1	(877) 518-0087	ZZ 00798591

GENERATOR

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD008063136 9

7. Transporter 2 Company Name
ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846
Facility's Phone: 732 469-5100
U.S. EPA ID Number: NJD002454544

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes		
	1. NON-RCRA LIQUID, N.O.S.	2	DM	800	P	D072 RW399		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ISI Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) W:321725 WATER/ DIESEL FUEL

15. **GENERATOR S/OFFEROR S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: David Lin
Signature:
Month Day Year: 03 27 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Shipment

Transporter 1 Printed/Typed Name: Shane Kahn
Signature:
Month Day Year: 3 27 19

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Shipping Document Tracking Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

GENERATOR / SHIPPER'S INITIAL COPY

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: ZZ00798591
Field System ID: P8
Work Order Number: 3254526999
Date Shipped: 03/27/2019

Container#: P8-3254526999-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 321725 DisposalCode: MARCSWFUEL PHY State: L

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: NON-RCRA LIQUID, n.o.s.

No. of Commons: 02 Outer Container: 551A1-DM Inner Container:

Primary Waste Codes: ID72,RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 800 SIC: 9561 Source: G32 Form: W219 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 400, 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		DIESEL FUEL OIL NO. 2-D [10-20%] WATER [80-90%]	ID72, RW399

VEOLIA
ENVIRONMENTAL SERVICES

SHIPPING DOCUMENT	1. Generator ID Number: VA7800020888	2. Page 1 of 1	3. Emergency Response Phone: (877) 818-0087	4. Shipping Document Tracking Number: ZZ 00798592

5. Generator's Name and Mailing Address:
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address):
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP — U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address:
ENVIRONMENTAL RECOVERY CORP.
1076 OLD MANHEIM PIKE
LANCASTER, PA 17601
Facility's Phone: 717 393-2627
U.S. EPA ID Number: PAD987266749

No. HM	9a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes		
	1. OIL, NOS	1	DM	400	P	RW309		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) W.03319 WASTE OIL

15. GENERATOR/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's Offeror's Printed/Typed Name: David Lie — Signature: [signature] — Month 03 Day 27 Year 19

16. Intermediate Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Shipment
Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month 3 Day 27 Year 19
Transporter 2 Printed/Typed Name: Loren Zick — Signature: [signature] — Month 4 Day 5 Year 19

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

19a. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

19b. Signature of Alternate Facility (or Generator) — Month Day Year

20. Hazard Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)
1. 2. 3. 4.

21. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a
Printed/Typed Name: Aaron Sha — Signature: [signature] — Month 4 Day 5 Year 19

DESIGNATED FACILITY TO GENERATOR

VEOLIA
ENVIRONMENTAL SERVICES

[redacted] [redacted]

SHIPPING DOCUMENT	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Shipping Document Tracking Number
	VA7800020888	1	(877) 818-0087	ZZ 00798592

5. Generator's Name and Mailing Address

NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)

BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD063136 9

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP — U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
ENVIRONMENTAL RECOVERY CORP
1076 OLD MANHEIM PIKE
LANCASTER, PA 17601
Facility's Phone: 717 394-2637
U.S. EPA ID Number: PAD987266749

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Codes
	1. OIL, n.o.s.	1	DM	400	P	RW509
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) W 83319 WASTE OIL

15. **GENERATOR S/OFFEROR S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: David Lil — Signature: [signature] — Month 03 Day 27 Year 19

GENERATOR

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Shipment
Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month 3 Day 27 Year 19
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Shipping Document Tracking Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR / SHIPPER'S INITIAL COPY

[redacted] PACKING SUMMA[redacted]

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: ZZ00798592
Field System ID: PB
Work Order Number: 3254538000
Date Shipped: 03/27/2019

Container#: PB-3254538000-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 083319 DisposalCode: ERCOIL PHY State: L

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: OIL, n.o.s.

No. of Commons: 01 Outer Container: 551A1-DM Inner Container:

Primary Waste Codes: RW509 PCB Serial #: OOS Date: / /

Total Cmns Wt: 400 SIC: 9661 Source: G16 Form: W206 System: H039 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		WATER [0-5%] OIL [95-100%]	RW509

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020888
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001632848 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001)	2	DM	600	P	U002	D007	D035
						D001	D018	
X	2. UN3480, LITHIUM ION BATTERIES, 9	1	DF	15	P	NONE		
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:128 W:321408 FLAMMABLE LOOSEPACK 2) ERG:147 W:840457 LITHIUM ION BATTERIES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Lin
Signature: [signature]
Month 03 Day 27 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month 3 Day 27 Year 19

Transporter 2 Printed/Typed Name: Jason Binney
Signature: [signature]
Month 4 Day 1 Year 19

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H141 2. H141 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: LEONARD BECK
Signature: [signature]
Month 04 Day 02 Year 19

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

[redacted] [redacted]

ase print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
VA7800020888	1	(877) 818-0087	001632848 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824 2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD020631369

7. Transporter 2 Company Name
FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3936
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001)	2	DM	600	P	U002 D001	D007 D018	D035
X	2. UN3480, LITHIUM ION BATTERIES, 9	1	DF	15	P	NONE		
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:128 W:321408 FLAMMABLE LOOSEPACK 2) ERG:147 W:840457 LITHIUM ION BATTERIES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Liu
Signature:
Month 03 Day 27 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 3 Day 27 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

A Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

VEOLIA VEOLIA VEOLIA VEOLIA

Land Disposal Restriction Notification Form

Generator Name **NASA GODDARD SPACE FLIGHT CENT**

EPA ID Number **VA7800020888** Manifest **001632848VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **P8-3254549000-003 (1/ 1)**

WIP / Approval Code:	**321408 / VNJPTAVES050**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), D007, D018, D035, U002**
Constituents (F001 - F005):	**None**
UHCs Present:	**CARBON TETRACHLORIDE, ETHYL ACETATE, ETHYL BENZENE, ISOBUTYL ALCOHOL, METHYL ALCOHOL, TOLUENE, 1,1,1 TRICHLOROETHANE, O- XYLENE**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 3/27/19

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001632848VES
Field System ID: P8
Work Order Number: 3254549000
Date Shipped: 03/27/2019

Container#: P8-3254549000-003 Waste Area: Manifest Page/Line: 01 / 1

WIP: 321408 DisposalCode: VNJPTAVES050 PHY State: L

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001)

No. of Commons: 02 Outer Container: 55A2-DM Inner Container:

Primary Waste Codes: U002,D001,D007,D018,D035 PCB Serial #: OOS Date: / /

Total Cmns Wt: 600 SIC: 9661 Source: G11 Form: W001 System: H040 Cubic Ft.: 7.50

Individual Common Weights: 300, 300 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] CARBON TETRACHLORIDE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] ISOBUTYL ALCOHOL [0-1%] METHYL ALCOHOL [0-1%] METHYL ETHYL KETONE (MEK) [0-1%] TOLUENE [0-1%] TRICHLOROETHANE [0-1%] XYLENE [0-1%] FLAMMABLE LOOSPACKS INCLUDING PAINTS, THINNERS AND MIXED ORGANIC SOLVENTS (INCLUDING XYLENE AND METHYL ETHYL KETONE): 5 GALLONS AND LESS **PLEASE LIST A REPRESENTATIVE DESCRIPTION OF DRUMS CONTENTS [100%]	U002, D001, D007, D018, D035

Container#: P8-3254549000-002 Waste Area: Manifest Page/Line: 01 / 2

WIP: 840457 DisposalCode: SSS211699 PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN3480, LITHIUM ION BATTERIES, 9

No. of Commons: 01 Outer Container: 05H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 15 SIC: 9661 Source: G11 Form: W319 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 15 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GA		LITHIUM ION BATTERIES - UNIVERSAL WASTE [100%]	NONE

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020883
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001632849 VES

GENERATOR

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
~~ENVIRONMENTAL RECOVERY CORP~~ S&J TRANSPORTATION CO INC
U.S. EPA ID Number: NJD071629976 ~~PAD987266749~~

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DM	90	P	D001 D035		
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	DM	99	P	F001 F002	F003 F005	D001 D007
X	3. UN3266, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., (POTASSIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II	1	DF	10	P	D002		
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:126 W:309234 AEROSOLS, FLAMMABLE 2) ERG:133 W:322820 PAINT RELATED CLEAN-UP MATERIAL 3) ERG:154 W:276891 BASE LOOSEPACK

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Liu
Signature
Month 03 Day 27 Year 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shane Kuhn
Signature
Month 3 Day 27 Year 19

Transporter 2 Printed/Typed Name: Todd Eadsley
Signature
Month 4 Day 2 Year 19

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H061	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Bert Harry Blankenship
Signature
Month 4 Day 3 Year 19

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA7800020588
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001632849 VES

5. Generator's Name and Mailing Address
NASA GODDARD SPACE FLIGHT CENT
WALLOPS FLIGHT FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NID080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP — U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DM	90	P	D001 D035		
X	2. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II	1	DM	99	P	F001 F002	F003 F005	D001 D007
X	3. UN3266, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., (POTASSIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II	1	DF	10	P	D002		
	4.							

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -|- 1) ERG:126 W:309234 AEROSOLS, FLAMMABLE 2) ERG:133 W:322820 PAINT RELATED CLEAN-UP MATERIAL 3) ERG:154 W:276891 BASE LOOSEPACK

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Liu — Signature: [signature] — Month 03 Day 27 Year 19

GENERATOR

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month 3 Day 27 Year 19
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

Land Disposal Restriction Notification Form

Generator Name NASA GODDARD SPACE FLIGHT CENT

EPA ID Number VA7800020888 Manifest 001632849VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3254549999-001 (1/ 1)

WIP / Approval Code:	309234 / SRR-AEROSOL
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035
Constituents (F001 - F005):	None
UHCs Present:	ACETONE, ETHYL BENZENE, METHYL ALCOHOL, TOLUENE, O- XYLENE, 1,1,1- TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3254549999-002 (1/ 2)

WIP / Approval Code:	322020 / SRRSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D008 (NONE), D035, D039, F001, F002, F003 (NONE), F005 (NONE)
Constituents (F001 - F005):	ACETONE, ETHYL ACETATE, ETHYL BENZENE, METHYL ALCOHOL, METHYL ETHYL KETONE (MEK), TETRACHLOROETHYLENE, TOLUENE, TRICHLOROETHYLENE (TCE), M XYLENE
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3254549999-003 (1/ 3)

WIP / Approval Code:	276891 / SRRDPK8IB
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D002
Constituents (F001 - F005):	None
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature _____

Title Env. Engineer Date 3/27/19

PACKING SUMMARY

Generator Number: 437548
NASA GODDARD SPACE FLIGHT CENT
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA7800020888

Manifest Number: 001632849VES
Field System ID: P8
Work Order Number: 3254549999
Date Shipped: 03/27/2019

Container#: P8-3254549999-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 309234 DisposalCode: SRR-AEROSOL PHY State: G

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: D001,D035 PCB Serial #: OOS Date: / /

Total Cmns Wt: 90 SIC: 9661 Source: G11 Form: W801 System: H141 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 90 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL BENZENE [0-1%] METHYL ALCOHOL [0-1%] TOLUENE [0-1%] XYLENE [0-1%] TRICHLOROETHANE (NON F-LISTED) [0-1%] CARBON TETRACHLORIDE (NON F-LISTED) [0-1%] ETHYL ACETATE (NON F-LISTED) [0-1%] METHYL ETHYL KETONE (NON F-LISTED) [0-1%] ISOBUTYL ALCOHOL (NON F-LISTED) [0-1%] VARIOUS AEROSOL PAINTS, LAQUERS, SILICONES, MOLD RELEASE AGENTS, LUBRICANTS [76-78%] CHLOROFLUOROCARBON PROPELLANTS [2-20%] AROMATIC HYDROCARBON PROPELLANTS [2-20%]	D001, D035

Container#: P8-3254549999-002 Waste Area: Manifest Page/Line: 01 / 2

WIP: 322820 DisposalCode: SRRSOLID-LT PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (XYLENE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: F001,F002,F003,F005,D001,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: 99 SIC: 9661 Source: G32 Form: W409 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 99 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL ACETATE [0-1%] ETHYL BENZENE [0-1%] METHANOL [0-1%] MEK (METHYL ETHYL KETONE) [0-1%] TETRACHLOROETHYLENE [0-1%] TOLUENE [0-1%] TRICHLOROETHYLENE [0-1%] M XYLENE [0-1%] PLASTIC, BOTTLES, CANS, RAGS, DEBRIS, PAINT SOLIDS [90-91%]	F001, F002, F003, F005, D001, D007, D008, D035, D039

Container#: P8-3254549999-003 Waste Area: Manifest Page/Line: 01 / 3

WIP: 276891 DisposalCode: SRRDPK8IB PHY State: L

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN3266, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., (POTASSIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: D002 PCB Serial #: OOS Date: / /

Total Cmns Wt: 10 SIC: 9661 Source: G11 Form: W001 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 10 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		VARIOUS SIZED CONTAINERS OF 5 GALLON OR LESS TO INCLUDE: MIXED HYDROXIDES. PLEASE LIST AN ACCURATE INVENTORY (100%) SODIUM HYDROXIDE SOLUTION POTASSIUM HYDROXIDE SOLUTION (5-10%) SODIUM HYPOCHLORITE SOLUTION (<16%)	D002

234934

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA8800010763

2. Page 1 of 2

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001632844 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846
Facility's Phone: 732 469-5100
U.S. EPA ID Number: NJD002454544

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II, RQ (D001)	6	DM	2400	P	D001
X	2. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (GASOLINE, DIESEL FUEL), 3, II, RQ (D018, D001)	1	DM	100 ~~400~~	P	D001 D018
	3.					
	4.					

14. Special Handling Instructions and Additional Information
HR Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -|- 1) ERG:128 W:940878 JET A TURBINE FUEL 2) ERG:128 W:439845 MIXED FUELS AND OIL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Liu
Signature: X
Month Day Year: 03 27 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month Day Year: 3 27 19
Transporter 2 Printed/Typed Name: J. WIGGINS
Signature: J. Wiggins
Month Day Year: 03 29 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H061 2. H061 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Donna Bueno
Signature:
Month Day Year: 4 5 19

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: VA 8800010763

22. Page: 2

23. Manifest Tracking Number: 0016329447 [illegible]

24. Generator's Name: NASA / GSFC Wallops Flight

25. Transporter 3 Company Name: VEOLIA ES TECHNICAL SOLUTIONS

U.S. EPA ID Number: NJD080631369

26. Transporter 4 Company Name: SJ Transportation Co. Inc

U.S. EPA ID Number: WJD071629976

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		

GENERATOR

32. Special Handling Instructions and Additional Information

Page 2 being used for Transpotation Information Only!

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Materials

Printed/Typed Name: [illegible] Signature: [illegible] Month 3 Day 29 Year 19

34. Transporter ___ Acknowledgment of Receipt of Materials

Printed/Typed Name: Charles Latter Signature: [illegible] Month 4 Day 5 Year 18

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22A (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA880010763
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001632844 VES

5. Generator's Name and Mailing Address:
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 - 824-2127

Generator's Site Address (if different than mailing address):
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address:
VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846
Facility's Phone: 732 - 469-5100
U.S. EPA ID Number: NJD002454544

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II, RQ (D001)	6	DM	2400	P	D001
X	2. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (GASOLINE, DIESEL FUEL), 3, II, RQ (D018, D001)	1	DM	100 ~~400~~ SK	P	D001 D018
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:128 W:940878 JET A TURBINE FUEL 2) ERG:128 W:439845 MIXED FUELS AND OIL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Liu
Signature: X [signature]
Month 03 Day 27 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month 3 Day 27 Year 19

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

Land Disposal Restriction Notification Form

Generator Name **NASA/GSFC WALLOPS FLIGHT FACIL**

EPA ID Number **VA8890010763** Manifest **001632844VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **P8-3254489000-008 (1/ 1)**

WIP / Approval Code:	**940678 / MARFS**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1))**
Constituents (F001 - F005):	**None**
UHCs Present:	**Not Applicable**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

Container Number: **P8-3254489000-007 (1/ 2)**

WIP / Approval Code:	**439845 / MARFS**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), D018**
Constituents (F001 - F005):	**None**
UHCs Present:	**None**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env Engineer Date 3/27/19

PACKING SUMMARY

Generator Number: 437550
NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA8800010763

Manifest Number: 001632844VES
Field System ID: P8
Work Order Number: 3254489000
Date Shipped: 03/27/2019

Container#: P8-3254489000-008 Waste Area: Manifest Page/Line: 01 / 1

WIP: 940878 DisposalCode: MARFS PHY State: L

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II, RQ (D001)

No. of Commons: 06 Outer Container: 551A1-DM Inner Container:

Primary Waste Codes: D001 PCB Serial #: OOS Date: / /

Total Cmns Wt: 2400 SIC: 9661 Source: G11 Form: W219 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 400, 400, 400, 400, 400, 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		DIETHYLENE GLYCOL MONOMETHYL ETHER [0-1%] KEROSENE [0-100%] NAPHTHALENE [0-2%]	D001

Container#: P8-3254489000-007 Waste Area: Manifest Page/Line: 01 / 2

WIP: 439845 DisposalCode: MARFS PHY State: L

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (GASOLINE, DIESEL FUEL), 3, II, RQ (D018, D001)

No. of Commons: 01 Outer Container: 551A1-DM Inner Container:

Primary Waste Codes: D001,D018 PCB Serial #: OOS Date: / /

Total Cmns Wt: ~~400~~ 100 SIC: 9661 100 Source: G11 Form: W206 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		LUBRICATING OIL [0-100%] DIESEL FUEL OIL NO. 2-D [50-100%] GASOLINE [50-100%]	D001, D018

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	VA8800010763	2	(877) 818-0087	001632845 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: S&J TRANSPORTATION CO INC — U.S. EPA ID Number: NJD071629976

8. Designated Facility Name and Site Address: VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
V1070
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DF	20	P	D001	D035	
						D007	D039	
X	2. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DM	95	P	D001	D035	
						D007	D039	
X	3. UN3175, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, n.o.s., (ALCOHOL, LEAD), 4.1, II	1	DF	10	P	F003	D008	
						D001		
X	4. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II	1	DF	80	P	F001	F003	U210
						F002	F005	U220

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -|- 1) ERG:126 W:255280 AEROSOLS, FLAMMABLE 2) ERG:126 W:255280 AEROSOLS, FLAMMABLE 3) ERG:133 W:156214 LEAD SOLDER RAGS 4) ERG:133 W:255276 RAGS WITH PAINT

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Liu — Signature: X [signature] — Month 03 Day 27 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month 3 Day 27 Year 19
Transporter 2 Printed/Typed Name: Todd Easley — Signature: Todd Easley — Month 4 Day 2 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H061	H061

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Brittany Blankenship — Signature: [signature] — Month 4 Day 3 Year 19

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	VA8800010763	2 of 2	001632845VES

24. Generator's Name: NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name | U.S. EPA ID Number

26. Transporter _____ Company Name | U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
X	5. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II	SK ~~6~~ 5	DM	~~594~~ 495	P	F001	F003	U210
						F002	F005	U220
	6. CHEMICALS, n.o.s.	1	DM	300	P	NONE		
						RW399		

32. Special Handling Instructions and Additional Information

5) ERG:133 W:255276 RAGS WITH PAINT 6) W:555737 NON-REG LOOSEPACK

GENERATOR

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

H061 H141

EPA Form 8700-22A (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA8800010763
2. Page 1 of 2
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001632845 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD063136 9

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DF	20	P	D001	D035	
						D007	D039	
X	2. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DM	95	P	D001	D035	
						D007	D039	
X	3. UN3175, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, n.o.s., (ALCOHOL, LEAD), 4.1, II	1	DF	10	P	F003	D008	
						D001		
X	4. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II	1	DF	80	P	F001	F003	U210
						F002	F005	U220

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -+- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -+- 1) ERG:176 W:255280 AEROSOLS, FLAMMABLE 2) ERG:126 W:255280 AEROSOLS, FLAMMABLE 3) ERG:133 W:156214 LEAD SOLDER RAGS 4) ERG:133 W:255276 RAGS WITH PAINT

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Lu
Signature: X
Month Day Year: 03 27 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month Day Year: 3 27 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	VA8800010263	2 of 2	001632845VES

24. Generator's Name: NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name | U.S. EPA ID Number

26. Transporter _____ Company Name | U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
X	5. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II	5K ~~6~~	DM	495 ~~594~~	P	~~F001~~ ~~F002~~	~~F003~~ ~~F005~~	~~U210~~ ~~U220~~
	6. CHEMICALS, n.o.s.	1	DM	300	P	NONE ~~RW309~~		

32. Special Handling Instructions and Additional Information

5) ERG 133 W:255276 RAGS WITH PAINT 6) W:555737 NON-RBG LOOSEPACK

GENERATOR

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

Land Disposal Restriction Notification Form

Generator Name NASA/GSFC WALLOPS FLIGHT FACIL

EPA ID Number VA8800010763 Manifest 001632845VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3254489999-002 (1/ 1)

WIP / Approval Code:	255280 / SRR-AEROSOL
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D035, D039
Constituents (F001 - F005):	None
UHCs Present:	ACETONE, TOLUENE, O- XYLENE, 1,1,1-TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), METHYL ALCOHOL (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3254489999-001 (1/ 2)

WIP / Approval Code:	255280 / SRR-AEROSOL
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D035, D039
Constituents (F001 - F005):	None
UHCs Present:	ACETONE, TOLUENE, O- XYLENE, 1,1,1-TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), METHYL ALCOHOL (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3254489999-003 (1/ 3)

WIP / Approval Code:	156214 / SRRSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), D008 (~~NONE~~). F003 (~~NONE~~) 5" 5"
Constituents (F001 - F005):	ACETONE
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3254489999-006 (1/ 4)

WIP / Approval Code:	255276 / SRRCCSOLID-LT

Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035, D039, D040, F001, F002, F003 (NONE), F005 (NONE), U210, U220** SK SK
Constituents (F001 - F005):	**None**
UHCs Present:	**None**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

Container Number: **P8-3254489999-005 (2/ 5)**

WIP / Approval Code:	**255276 / SRRCCSOLID-LT**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035, D039, D040, F001, F002, F003 (NONE), F005 (NONE), U210, U220** SK SK
Constituents (F001 - F005):	**None**
UHCs Present:	**None**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature _____

Title Env. Engineer Date 3/27/19

PACKING SUMMARY

Generator Number: 437550
NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA8800010763

Manifest Number: 001632845VES
Field System ID: P8
Work Order Number: 3254489999
Date Shipped: 03/27/2019

Container#: P8-3254489999-002 Waste Area: Manifest Page/Line: 01 / 1

WIP: 265280 DisposalCode: SRR-AEROSOL PHY State: G

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY

No. of Commons: 01 Outer Container: 301H2-DF Inner Container:

Primary Waste Codes: D001,D007,D035,D039 PCB Serial #: OOS Date: / /

Total Cmns Wt: ~~70~~ 20 SIC: ~~9661~~ 28 Source: G11 Form: W801 System: H141 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 70 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		ACETONE [0-1%] ETHYL BROMOACETATE [0-1%] TOLUENE [0-1%] XYLENE [0-1%] TRICHLOROETHANE (NON F-LISTED) [0-1%] CARBON TETRACHLORIDE (NON F-LISTED) [0-1%] ETHYL ACETATE (NON F-LISTED) [0-1%] METHYL ALCOHOL (NON F-LISTED) [0-1%] METHYL ETHYL KETONE (NON F-LISTED) [0-1%] ISOBUTYL ALCOHOL (NON F-LISTED) [0-1%] VARIOUS AEROSOL PAINTS, LAQUERS, SILICONES, MOLD RELEASE AGENTS, LUBRICANTS [76-78%] CHLOROFLUOROCARBON PROPELLANTS [2-20%] AROMATIC HYDROCARBON PROPELLANTS [2-20%]	D001, D007, D035, D039

Container#: P8-3254489999-001 Waste Area: Manifest Page/Line: 01 / 2

WIP: 265280 DisposalCode: SRR-AEROSOL PHY State: G

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: D001,D007,D035,D039 PCB Serial #: OOS Date: / /

Total Cmns Wt: 95 SIC: 9661 Source: G11 Form: W801 System: H141 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 95 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL BROMOACETATE [0-1%] TOLUENE [0-1%] XYLENE [0-1%] TRICHLOROETHANE (NON F-LISTED) [0-1%] CARBON TETRACHLORIDE (NON F-LISTED) [0-1%] ETHYL ACETATE (NON F-LISTED) [0-1%] METHYL ALCOHOL (NON F-LISTED) [0-1%] METHYL ETHYL KETONE (NON F-LISTED) [0-1%] ISOBUTYL ALCOHOL (NON F-LISTED) [0-1%] VARIOUS AEROSOL PAINTS, LAQUERS, SILICONES, MOLD RELEASE AGENTS, LUBRICANTS [76-78%] CHLOROFLUOROCARBON PROPELLANTS [2-20%]	D001, D007, D035, D039

AROMATIC HYDROCARBON PROPELLANTS [2-20%]

Container#: P8-3254489999-003 Waste Area: . Manifest Page/Line: 01 / 3

WIP: 156214 DisposalCode: SRRSOLID-LT PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN3175, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, n.o.s., (ALCOHOL, LEAD), 4.1, II

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: F003,D001,D008 PCB Serial #: OOS Date: / /

Total Cmns Wt: 10 SIC: 9661 Source: G13 Form: W002 System: H061 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 10 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		ACETONE [1-2%] ALCOHOL [1-2%] LEAD [0-1%] RAGS, PADS, PAPER TOWELS [95-99%]	F003, D001, D008

Container#: P8-3254489999-006 Waste Area: Manifest Page/Line: 01 / 4

WIP: 255276 DisposalCode: SRRCCSOLID-LT PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: 01 Outer Container: 301H2-DF Inner Container:

Primary Waste Codes: F001,F002,F003,F005,U210,U220 PCB Serial #: OOS Date: / /

Total Cmns Wt: 80 SIC: 9661 Source: G06 Form: W409 System: H061 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 80 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		RAGS WITH PAINT [100%]	F001, F002, F003, F005, U210, U220, D001, D035, D039, D040

Container#: P8-3254489999-005 Waste Area: Manifest Page/Line: 02 / 5

WIP: 255276 DisposalCode: SRRCCSOLID-LT PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: ~~06~~ 5 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: F001,F002,F003,F005,U210,U220 PCB Serial #: OOS Date: / /

Total Cmns Wt: ~~594~~ 495 SIC: 9661 Source: G06 Form: W409 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 99, 99, 99, 99, 99, ~~99~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		RAGS WITH PAINT [100%]	F001, F002, F003, F005, U210, U220, D001, D035, D039, D040

Container#: P8-3264480999-004 Waste Area: Manifest Page/Line: 02 / 6

WIP: 505737 DisposalCode: SRRDPKNR PHY State: L

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: CHEMICALS, n.o.s.

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: NONE,RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 300 SIC: 9661 Source: G22 Form: W210 System: H141 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 300 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		VARIOUS NON HAZARDOUS PLC INCLUDING RESINS, LATEXES, & SALTS CONTAINERS (5) GALLONS AND LESS. *NO RCRA MATERIAL* **PLEASE LIST A RERESENTATIVE CONTITUENT LIST** (100%) HYDROGEN PEROXIDE SOLUTION (LESS THEN 8% PEROXIDE)	NONE, RW399

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA8800010763
2. Page 1 of 2
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001632846 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD086313369

7. Transporter 2 Company Name
FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3996
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1956, COMPRESSED GASES, n.o.s., (CARBON DIOXIDE IN AIR), 2.2	1	DF	10	P	NONE RW399		
X	2. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001), DOT-SP 11924	1	BA	500	P	U002 D001	D007 D018	D035
X	3. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (GASOLINE FILTERS), 4.1, II	1	DF	90	P	D001 D018		
X	4. UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8	2	DF	80	P	NONE		

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:126 W:437685 10% CARBON DIOXIDE IN AIR 2) ERG:128 W:323050 FLAMMABLE LOOSEPACK 3) ERG:133 W:917991 GAS FILTERS 4) ERG: 154 W:402477 NICAD BATTERIES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Lin
Signature: X
Month Day Year: 03 27 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month Day Year: 3 27 19
Transporter 2 Printed/Typed Name: Jason Briney
Signature:
Month Day Year: 4 1 19

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. H141 4. H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: LEONARD BECK
Signature: Leonard Beck
Month Day Year: 10 10 2 19

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	VA8800010763	2 of 2	001632846VES

24. Generator's Name: NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
	5. BATTERIES, DRY, SEALED, n.o.s.	2	DF	120	P	NONE RW703		
	6. FLUORESCENT TUBES, DESTINED FOR RECYCLING	2	DF	125 ~~175~~	P	NONE		
	7. MATERIAL FOR RECYCLING, (LEAD FOR RECYCLING)	1	DF	20	P	NONE		
	8. MERCURY LAMPS, USED FOR RECYCLING	1	DF	5	P	NONE		

32. Special Handling Instructions and Additional Information

5) W:321310 ALKALINE BATTERIES 6) W:555650 FLUORESCENT LAMPS 7) W: 905455 LEAD SOLDER 8) W:737767 UV LAMPS

Jason Bowery 4/1/15

GENERATOR

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

H141 | H141 | H141 | H141

EPA Form 8700-22A (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VAS000610763
2. Page 1 of 2
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001632846 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD008063136 9

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
2176 WILL SUITT ROAD
CREEDMOOR, NC 27522
Facility's Phone: 919 528-3995
U.S. EPA ID Number: NCD986166338

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1956, COMPRESSED GASES, n.o.s., (CARBON DIOXIDE IN AIR), 2 2	1	DF	10	P	NONE RW399		
X	2. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001), DOT-SP 11924	1	BA	800	P	U002 D001	D007 D018	D035
X	3. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (GASOLINE FILTERS), 4.1, II	1	DF	90	P	D001 D018		
X	4. UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8	2	DF	80	P	NONE		

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -|- 1) ERG:126 W:437685 10% CARBON DIOXIDE IN AIR 2) ERG:128 W:323050 FLAMMABLE LOOSEPACK 3) ERG:133 W:917991 GAS FILTERS 4) ERG: 154 W:402477 NICAD BATTERIES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X David Lin
Signature: X
Month Day Year: 03 27 19

GENERATOR

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

INT'L

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kulin
Signature:
Month Day Year: 3 27 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

TRANSPORTER

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	VA8800010763	2 of 2	001632846VES

24. Generator's Name: NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
	5. BATTERIES, DRY, SEALED, n.o.s.	2	DF	120	P	~~NONE~~ RW203		
	6. FLUORESCENT TUBES, DESTINED FOR RECYCLING	2	DF	125 ~~175~~	P	~~NONE~~		
	7. MATERIAL FOR RECYCLING, (LEAD FOR RECYCLING)	1	DF	20	P	~~NONE~~		
	8. MERCURY LAMPS, USED FOR RECYCLING	1	DF	5	P	~~NONE~~		

32. Special Handling Instructions and Additional Information

5) W:321310 ALKALINE BATTERIES 6) W:555650 FLUORESCENT LAMPS 7) W:905455 LEAD SOLDER 8) W:737767 UV LAMPS

GENERATOR

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name — Signature — Mont

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name — Signature

TRANSPORTER

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

DESIGNATED FACILITY

Land Disposal Restriction Notification Form

Generator Name NASA/GSFC WALLOPS FLIGHT FACIL

EPA ID Number VAS800010763 Manifest 001632846VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: P8-3254489998-002 (1/ 2)

WIP / Approval Code:	323050 / PTAVES050
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), D007, D018, D035, U002
Constituents (F001 - F005):	None
UHCs Present:	METHYL ALCOHOL, TOLUENE, O- XYLENE, 1,1,1-TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3254489998-011 (1/ 3)

WIP / Approval Code:	917991 / VNJPTAVES025
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D018
Constituents (F001 - F005):	None
UHCs Present:	TOLUENE, O- XYLENE
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Title Env. Engineer Date 3/27/19

PACKING SUMMARY

Generator Number: 437550
NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn:
EPA ID: VA8800010763

Manifest Number: 001632846VES
Field System ID: P8
Work Order Number: 3254489998
Date Shipped: 03/27/2019

Container#: P8-3254489998-010 Waste Area: Manifest Page/Line: 01 / 1

WIP: 437685 DisposalCode: TWCYG001 PHY State: G

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1956, COMPRESSED GASES, n.o.s., (CARBON DIOXIDE IN AIR), 2.2

No. of Commons: 01 Outer Container: 301G-DF Inner Container:

Primary Waste Codes: NONE,RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 10 SIC: 9661 Source: G11 Form: W801 System: H040 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 10 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	MED CY		AIR, COMPRESSED [90%] CARBON DIOXIDE (GAS) [10%]	NONE, RW399

Cylinder Information

Common 1
Containing: 10% CARBON DIOXIDE IN AIR
Cylinder Diameter: 4 in. | Cylinder Height: 24 in.
Condition of Cylinder(s): Good | Comment:
Condition of Valve(s): Good | Comment:
Manufactured by: Analyzed Gas
Inspected by: sk

Container#: P8-3254489998-002 Waste Area: Manifest Page/Line: 01 / 2

WIP: 323050 DisposalCode: PTAVES050 PHY State: L

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ACETONE, METHYL ALCOHOL), 3, II, RQ (D001), DOT-SP 11924

No. of Commons: 01 Outer Container: CYD13H-BA Inner Container:

Primary Waste Codes: U002,D001,D007,D018,D035 PCB Serial #: OOS Date: / /

Total Cmns Wt: 800 SIC: 9661 Source: G11 Form: W219 System: H040 Cubic Ft.: 27.00

Individual Common Weights: 1 @ 800 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	CYDBOX		ACETONE [0-1%] ETHYL BROMOACETATE [0-1%] METHYL ALCOHOL [0-1%] TOLUENE [0-1%] XYLENE [0-1%] TRICHLOROETHANE (NON F-LISTED) [0-1%] CARBON TETRACHLORIDE (NON F-LISTED) [0-1%] ETHYL ACETATE (NON F-LISTED) [0-1%] METHYL ETHYL KETONE (NON F-LISTED) [0-1%] ISOBUTYL ALCOHOL (NON F-LISTED) [0-1%] MIXED FLAMMABLE LIQUIDS IN 5 GALLONS AND LESS CONTAINERS INCLUDES, PAINTS, THINNERS AND OTHER REGULATED ORGANIC SOLV. **PLEASE LIST A REPRESENTATIVE DESCRIPTION OF DRUM CONTENTS [100%]	U002, D001, D007, D018, D035, VARI

Container#: P8-3254489998-011 Waste Area: Manifest Page/Line: 01 / 3

WIP: 917991 DisposalCode: VNJPTAVES025 PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (GASOLINE FILTERS), 4.1, II

No. of Commons: 01 Outer Container: 301H2-DF Inner Container:

Primary Waste Codes: D001,D018 PCB Serial #: OOS Date: / /

Total Cmns Wt: 90 SIC: 9661 Source: G16 Form: W203 System: H040 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 90 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		BENZENE [0-100M] UNLEADED GASOLINE [1-5%] TOLUENE [0-100M] XYLENE [0-100M] CLOTH OR PAPER FILTER MEDIA [50-80%] PLASTIC OR METAL CASING [5-30%]	D001, D018

Container#: P8-3254489998-007 Waste Area: Manifest Page/Line: 01 / 4

WIP: 402477 DisposalCode: SSS173617 PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: UN2795, BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8

No. of Commons: 02 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 80 SIC: 9661 Source: G16 Form: W309 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 40, 40 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		NICKEL CADMIUM BATTERY (WET) - UNIVERSAL WASTE [100%]	NONE

Container#: P8-3254489998-001 Waste Area: Manifest Page/Line: 02 / 5

WIP: 321310 DisposalCode: SSS176402 PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: BATTERIES, DRY, SEALED, n.o.s.

No. of Commons: 02 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE,RW703 PCB Serial #: OOS Date: / /

Total Cmns Wt: 120 SIC: 9661 Source: G16 Form: W309 System: H141 Cubic Ft.: 0.68

Individual Common Weights: 60, 60 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		ALKALINE BATTERIES [100%]	NONE, RW703

Container#: P8-3254489998-003 Waste Area: Manifest Page/Line: 02 / 6

WIP: 555650 DisposalCode: SSSWS#179618 PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: FLUORESCENT TUBES, DESTINED FOR RECYCLING

No. of Commons: 01 Outer Container: 8 FOOT-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: ~~75~~ 25 SIC: ~~9661~~ 23 Source: G19 Form: W320 System: H010 Cubic Ft.: 10.00

Individual Common Weights: 1 @ 75 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	8FTBX		FLUORESCENT LAMP TUBES- UNIVERSAL WASTE ***PROVIDE BULB COUNT*** [100%]	NONE

Container#: P8-3254489998-004 Waste Area: Manifest Page/Line: 02 / 6

WIP: 555650 DisposalCode: SSSWS#179618 PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: FLUORESCENT TUBES, DESTINED FOR RECYCLING

No. of Commons: 01 Outer Container: 4 FOOT-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 100 SIC: 9661 Source: G19 Form: W320 System: H010 Cubic Ft.: 5.00

Individual Common Weights: 1 @ 100 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	4FTTUB		FLUORESCENT LAMP TUBES- UNIVERSAL WASTE ***PROVIDE BULB COUNT*** [100%]	NONE

Container#: P8-3254489998-006 Waste Area: Manifest Page/Line: 02 / 7

WIP: 905455 DisposalCode: VWBLEADRECYCLE PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: MATERIAL FOR RECYCLING, (LEAD FOR RECYCLING)

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 20 SIC: 9661 Source: G15 Form: W307 System: H010 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 20 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		LEAD SOLDER WIRE FOR RECYCLING [100%]	NONE

Container#: P8-3254489998-009 Waste Area: Manifest Page/Line: 02 / 8

WIP: 737767 DisposalCode: SSS509004NC PHY State: S

Date Accumulated: 03/27/2019 Gen Drum ID:

Shipping Name: MERCURY LAMPS, USED FOR RECYCLING

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 5 SIC: 9661 Source: G11 Form: W319 System: H010 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 5 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		U-V TUBES (UNIVERSAL WASTE) [0-100%]	NONE

[redacted] [redacted]

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	VA8800010763	1 2	(877) 818-0087	001729690 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone 757 824-2127

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP — U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone 973 347-7111
U.S. EPA ID Number: NJD980535593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II	1	DF	5	P	D002 D007
	2. MATERIAL FOR RECYCLING, (LEAD FOR RECYCLING)	1	DF	8	P	NONE
	3.					
	4.					

14. Special Handling Instructions and Additional Information: ER Service Contracted by VESTS -|- Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. -|- 1) ERG:154 W:954744 ALODINE 1201 2) W:905455 LEAD SOLDER

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Bruner — Signature: X [signature] — Month 06 Day 19 Year 19

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn — Signature: [signature] — Month 6 Day 18 Year 19
Transporter 2 Printed/Typed Name: J. WIGGINS — Signature: J. Wiggins — Month 06 Day 28 Year 19

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Darren Cornwell — Signature: [signature] — Month 07 Day 05 Year 19

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA880010763
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001729690 VES

5. Generator's Name and Mailing Address:
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 252 [illegible]

Generator's Site Address (if different than mailing address):
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address:
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973 342-7111
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II	1	D F	5	P	D002 D007
	2. MATERIAL FOR RECYCLING, (LEAD FOR RECYCLING)	1	D F	8	P	NONE
	3.					
	4.					

14. Special Handling Instructions and Additional Information: ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:154 W:954744 ALODINE 1201 2) W:905455 LEAD SOLDER

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Bruner
Signature: X [signature]
Month 06 Day 19 Year

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month 6 Day 19 Year

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

PACKING SUMMARY

Generator Number: 437550
NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn: MARIANNE SIMKO(CONTACT PAPERW
EPA ID: VAR000010763

Manifest Number: 001729690VES
Field System ID: P8
Work Order Number: 3304212998
Date Shipped: 06/18/2019

Container#: P8-3304212998-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 954744 DisposalCode: STB002084 PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CHROMIC ACID, HYDROFLUORIC ACID), 8, II

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: D002,D007 PCB Serial #: OOS Date: / /

Total Cmns Wt: 5 SIC: 9661 Source: G08 Form: W105 System: H132 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 5 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		CHROMIC ACID SOLUTION [0-1%] HYDROFLUORIC ACID SOLUTION [0-1%] POTASSIUM FERRICYANIDE [0-1%] WATER [97-99%]	D002, D007

Container#: P8-3304212998-002 Waste Area: Manifest Page/Line: 01 / 2

WIP: 905455 DisposalCode: VWBLEADRECYCLE PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: MATERIAL FOR RECYCLING, (LEAD FOR RECYCLING)

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Cmns Wt: 8 SIC: 9661 Source: G15 Form: W307 System: H010 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 8 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		LEAD SOLDER WIRE FOR RECYCLING [100%]	NONE

Land Disposal Restriction Notification Form

Generator Name: NASA/GSFC WALLOPS FLIGHT FACIL

EPA ID Number: VA8800010763 Manifest: 001729690VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: PB-3304212998-001 (1/ 1)

WIP / Approval Code:	954744 / STB002084
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D002, D007
Constituents (F001 - F005):	None
UHCs Present:	None
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature: [signature]

Title: Env. Engineer Date: 6/19/2019

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA8800010763

2. Page 1 of 2

3. Emergency Response Phone: (877) 818-0087

4. Manifest Tracking Number: 001729692 VES

5. Generator's Name and Mailing Address
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824 2137

Generator's Site Address (if different than mailing address)
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name
ENVIRONMENTAL RECOVERY CORP
U.S. EPA ID Number: PAD987266749

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, RQ (D001), LIMITED QUANTITY	1	DM	150	P	D001 D035 D007 D039
X	2. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DF	45	P	D001 D035 D007 D039
X	3. UN1950, WASTE AEROSOLS, POISON, (EACH NOT EXCEEDING 1 L CAPACITY), 2.2 (6.1), LIMITED QUANTITY	1	DF	40	P	U228 D040
X	4. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II, RQ (D001)	5	DM	2000 ~~280~~	P	D001

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG:126 W:255280 AEROSOLS, FLAMMABLE 2) ERG:126 W:255280 AEROSOLS, FLAMMABLE 3) ERG:126 W:508756 INHIBISOL OS AEROSOL 4) ERG:128 W:940878 JET A TURBINE FUEL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Brunner
Signature: X
Month 06 Day 18 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature:
Month 6 Day 18 Year 19
Transporter 2 Printed/Typed Name: J. WIGGINS
Signature: J. Wiggins
Month 06 Day 28 Year 19

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. H141 4. H061

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Bonhany Blankenship
Signature:
Month 7 Day 19 Year 19

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number VA8800010763	22. Page 2 of 2	23. Manifest Tracking Number 001729692VES

24. Generator's Name NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter 3 Company Name Veolia ES Technical Solutions U.S. EPA ID Number NJD071624476

26. Transporter 4 Company Name Freehold Cartage Inc U.S. EPA ID Number NJD054126164

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
X	5. UN3175, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, n.o.s., (ALCOHOL, LEAD), 4.1, II	1	DF	5	P	F003	D008	
						D001		
X	6. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II	15	DM	1485	P	F001	F003	U210
						F002	F005	U220
X	7. UN1824, WASTE SODIUM HYDROXIDE SOLUTION, 8, II	2	DF	60	P	D002		
	8. CHEMICALS, n.o.s.	1	DF	125	P	RW399		
	~~9. NON-HAZARDOUS MATERIAL~~ SK	~~7~~ SK	~~DM~~ SK	~~2800~~ SK	~~P~~ SK	~~RW399~~		

32. Special Handling Instructions and Additional Information 5) ERG:133 W:156214 LEAD SOLDER RAGS 6) ERG:133 W:255276 RAGS WITH PAINT 7) ERG:154 W:645354 SODIUM HYDROXIDE SOLUTION 8) W:555737 NON-HAZ LOOSEPACK 9) W:276396 PURGE WATER WITH PFAS

GENERATOR

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jowie Cles	[signature]	6	28	19

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michal Guerra	[signature]	7	8	19

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

5.	6.	7.	8.	9.
H061	H061	H141	H14	
[illegible]	[illegible]	[illegible]	[illegible]	7 9 19

EPA Form 8700-22A (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VA8800010763
2. Page 1 of 2
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001729692 VES

5. Generator's Name and Mailing Address:
NASA/GSFC WALLOPS FLIGHT FACIL
MAIN BASE FACILITY BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Generator's Phone: 757 824-2127

Generator's Site Address (if different than mailing address):
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
4301 INFIRMARY ROAD
WEST CARROLLTON, OH 45449
Facility's Phone: 937 859-6101
U.S. EPA ID Number: OHD093945293

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, RQ (D001), LIMITED QUANTITY	1	DM	150	P	D001	D035	
						D007	D039	
X	2. UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY	1	DF	45	P	D001	D035	
						D007	D039	
X	3. UN1950, WASTE AEROSOLS, POISON, (EACH NOT EXCEEDING 1 L CAPACITY), 2.2 (6.1), LIMITED QUANTITY	1	DF	40	P	U228		
						D040		
X	4. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II, RQ (D001)	5	DM	2000 ~~2800~~	P	D001		

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf + 1) ERG:126 W:255280 AEROSOLS, FLAMMABLE 2) ERG:126 W:255280 AEROSOLS, FLAMMABLE 3) ERG:126 W:508756 INHIBISOL OS AEROSOL 4) ERG:128 W:940878 JET A TURBINE FUEL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Douglas Bruner
Signature: X [signature]
Month: 06 Day: 14th Year: 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Kuhn
Signature: [signature]
Month: 6 Day: 14th Year: 19
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month: Day: Year:

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	VA8 8 0 0 0 1 0 7 6 3	2 of 2	001729692VES

24. Generator's Name: NASA/GSFC WALLOPS FLIGHT FACIL

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

GENERATOR

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
X	5. UN3175, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, n.o.s., (ALCOHOL, LEAD), 4.1, II	1	DF	5	P	F003	D008	
						D001		
X	6. UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II	15	DM	1485	P	F001	F003	U210
						F002	F005	U220
X	7. UN1824, WASTE SODIUM HYDROXIDE SOLUTION, 8, II	2	DF	60	P	D002		
	8. CHEMICALS, n.o.s.	1	DF	125	P	RW399		
	~~9. NON HAZARDOUS MATERIAL~~ 5K	~~T~~ 5K	~~DM~~ 5K	~~2000~~ 5K	~~P~~ 5K	~~RW399~~		

32. Special Handling Instructions and Additional Information

5) ERG 133 W:136214 LEAD SOLDER RAGS 6) ERG 133 W:255276 RAGS WITH PAINT 7) ERG 154 W:645354 SODIUM HYDROXIDE SOLUTION 8) W:555737 NON-HAZ LOOSEPACK 9) W:276396 PURGE WATER WITH PFAS

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

4.	6.	7.	8.	9.

Land Disposal Restriction Notification Form

Generator Name **NASA/GSFC WALLOPS FLIGHT FACIL**

EPA ID Number **VA8800010763** Manifest **001729692VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **P8-3304212000-002 (1/ 1)**

WIP / Approval Code:	**255280 / SRR-AEROSOL**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D035, D039**
Constituents (F001 - F005):	**None**
UHCs Present:	**ACETONE, TOLUENE, O- XYLENE, 1,1,1-TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), METHYL ALCOHOL (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

Container Number: **P8-3304212000-001 (1/ 2)**

WIP / Approval Code:	**255280 / SRR-AEROSOL**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D007, D035, D039**
Constituents (F001 - F005):	**None**
UHCs Present:	**ACETONE, TOLUENE, O- XYLENE, 1,1,1-TRICHLOROETHANE (NON F-LISTED), CARBON TETRACHLORIDE (NON F-LISTED), ETHYL ACETATE (NON F-LISTED), METHYL ALCOHOL (NON F-LISTED), ISOBUTYL ALCOHOL (NON F-LISTED)**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

Container Number: **P8-3304212000-003 (1/ 3)**

WIP / Approval Code:	**508750 / SRR-AEROSOL**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**
Waste Codes (Subcategories):	**D040, U228**
Constituents (F001 - F005):	**None**
UHCs Present:	**None**
Treatment Requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	

Container Number: **P8-3304212000-016 (1/ 4)**

WIP / Approval Code:	**840878 / SRRFS<5"**
Form Designation / CWA Status:	**Non-Wastewater / Non-CWA**

Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1))
Constituents (F001 - F005):	None
UHCs Present:	Not Applicable
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3304212000-019 (2/ 5)

WIP / Approval Code:	156214 / SRRSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), D008 (NONE), F003 (NONE) SU
Constituents (F001 - F005):	ACETONE
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3304212000-028 (2/ 6)

WIP / Approval Code:	255276 / SRRCCSOLID-LT
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035, D039, D040, F001, F002, F003 (NONE) SU, F005 (NONE) SU, U210, U220
Constituents (F001 - F005):	None
UHCs Present:	None
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

Container Number: P8-3304212000-033 (2/ 7)

WIP / Approval Code:	645354 / HIN67552-4D
Form Designation / CWA Status:	Wastewater / CWA
Waste Codes (Subcategories):	D002
Constituents (F001 - F005):	None
UHCs Present:	Not Applicable
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature [signature]

Title Env. Engineer Date 6/19/2019

PACKING SUMMARY

Generator Number: 437bhd

NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
Attn: MARIANNE SIMKO(CONTACT PAPERW
EPA ID: VA8800010763

Manifest Number: 001729692VES
Field System ID: P8
Work Order Number: 3304212000
Date Shipped: 06/18/2019

Container#: P8-3304212000-002 Waste Area: Manifest Page/Line: 01 / 1

WIP: 255280 DisposalCode: SRR-AEROSOL PHY State: G

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, RQ (D001), LIMITED QUANTITY

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: D001,D007,D035,D039 PCB Serial #: OOS Date: / /

Total Cmns Wt: 150 SIC: 9661 Source: G11 Form: W801 System: H141 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 150 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ACETONE [0-1%] ETHYL BROMOACETATE [0-1%] TOLUENE [0-1%] XYLENE [0-1%] TRICHLOROETHANE (NON F-LISTED) [0-1%] CARBON TETRACHLORIDE (NON F-LISTED) [0-1%] ETHYL ACETATE (NON F-LISTED) [0-1%] METHYL ALCOHOL (NON F-LISTED) [0-1%] METHYL ETHYL KETONE (NON F-LISTED) [0-1%] ISOBUTYL ALCOHOL (NON F-LISTED) [0-1%] VARIOUS AEROSOL PAINTS, LAQUERS, SILICONES, MOLD RELEASE AGENTS, LUBRICANTS [76-78%] CHLOROFLUOROCARBON PROPELLANTS [2-20%] AROMATIC HYDROCARBON PROPELLANTS [2-20%]	D001, D007, D035, D039

Container#: P8-3304212000-001 Waste Area: Manifest Page/Line: 01 / 2

WIP: 255280 DisposalCode: SRR-AEROSOL PHY State: G

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), 2.1, LIMITED QUANTITY

No. of Commons: 01 Outer Container: 301H2-DF Inner Container:

Primary Waste Codes: D001,D007,D035,D039 PCB Serial #: OOS Date: / /

Total Cmns Wt: 45 SIC: 9661 Source: G11 Form: W801 System: H141 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 45 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		ACETONE [0-1%] ETHYL BROMOACETATE [0-1%] TOLUENE [0-1%] XYLENE [0-1%] TRICHLOROETHANE (NON F-LISTED) [0-1%] CARBON TETRACHLORIDE (NON F-LISTED) [0-1%] ETHYL ACETATE (NON F-LISTED) [0-1%] METHYL ALCOHOL (NON F-LISTED) [0-1%] METHYL ETHYL KETONE (NON F-LISTED) [0-1%] ISOBUTYL ALCOHOL (NON F-LISTED) [0-1%] VARIOUS AEROSOL PAINTS, LAQUERS, SILICONES, MOLD RELEASE AGENTS, LUBRICANTS [76-78%] CHLOROFLUOROCARBON PROPELLANTS [2-20%]	D001, D007, D035, D039

AROMATIC HYDROCARBON PROPELLANTS [2-20%]

Container#: P8-3304212000-003 Waste Area: Manifest Page/Line: 01 / 3

WIP: 508756 DisposalCode: SRR-AEROSOL PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1950, WASTE AEROSOLS, POISON, (EACH NOT EXCEEDING 1 L CAPACITY), 2.2 (6.1), LIMITED QUANTITY

No. of Commons: 01 Outer Container: 201H2-DF Inner Container:

Primary Waste Codes: U228,D040 PCB Serial #: OOS Date: / /

Total Cmns Wt: 40 SIC: 9661 Source: G11 Form: W203 System: H141 Cubic Ft.: 2.72

Individual Common Weights: 1 @ 40 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	20 GAL		TRICHLOROETHYLENE [50-60%] CARBON DIOXIDE [40-50%]	U228, D040

Container#: P8-3304212000-016 Waste Area: Manifest Page/Line: 01 / 4

WIP: 940878 DisposalCode: SRRFS<5" PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (KEROSENE, NAPTHALENE), 3, II, RQ (D001)

No. of Commons: ~~07~~ 5 Outer Container: 551A1-DM Inner Container:

Primary Waste Codes: D001 PCB Serial #: OOS Date: / /

Total Cmns Wt: ~~2800~~ 2000 SIC: 9661 Source: G11 Form: W219 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 400, 400, 400, 400, 400, ~~400, 400~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		DIETHYLENE GLYCOL MONOMETHYL ETHER [0-1%] KEROSENE [0-100%] NAPHTHALENE [0-2%]	D001

Container#: P8-3304212000-019 Waste Area: Manifest Page/Line: 02 / 5

WIP: 156214 DisposalCode: SRRSOLID-LT PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN3175, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, n.o.s., (ALCOHOL, LEAD), 4.1, II

No. of Commons: 01 Outer Container: 051H2-DF Inner Container:

Primary Waste Codes: F003,D001,D008 PCB Serial #: OOS Date: / /

Total Cmns Wt: 5 SIC: 9661 Source: G13 Form: W002 System: H061 Cubic Ft.: 0.68

Individual Common Weights: 1 @ 5 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		ACETONE [1-2%] ALCOHOL [1-2%] LEAD [0-1%] RAGS, PADS, PAPER TOWELS [95-99%]	F003, D001, D008

Container#: P8-3304212000-028 Waste Area: Manifest Page/Line: 02 / 6

WIP: 265276 DisposalCode: SRRCCSOLID-LT PHY State: S

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, n.o.s., (ACETONE, METHYL ETHYL KETONE), 4.1, II

No. of Commons: 15 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: F001,F002,F003,F005,U210,U220 PCB Serial #: OOS Date: / /

Total Cmns Wt: 1485 SIC: 9661 Source: G06 Form: W409 System: H061 Cubic Ft.: 7.50

Individual Common Weights: 99, 99, 99, 99, 99, 99, 99, 99, 99, 99, 99, 99, 99, 99, 99 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		RAGS WITH PAINT [100%]	F001, F002, F003, F005, U210, U220, D001, D035, D039, D040

Container#: P8-3304212000-033 Waste Area: Manifest Page/Line: 02 / 7

WIP: 645354 DisposalCode: HIN67552-4D PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: UN1824, WASTE SODIUM HYDROXIDE SOLUTION, 8, II

No. of Commons: 02 Outer Container: 051H1-DF Inner Container:

Primary Waste Codes: D002 PCB Serial #: OOS Date: / /

Total Cmns Wt: 60 SIC: 9661 Source: G11 Form: W110 System: H121 Cubic Ft.: 0.68

Individual Common Weights: 30, 30 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		SODIUM HYDROXIDE, SOLUTION [100%]	D002

Container#: P8-3304212000-023 Waste Area: Manifest Page/Line: 02 / 8

WIP: 565737 DisposalCode: SRRDPKNR PHY State: L

Date Accumulated: 06/18/2019 Gen Drum ID:

Shipping Name: CHEMICALS, n.o.s.

No. of Commons: 01 Outer Container: 301H2-DF Inner Container:

Primary Waste Codes: RW399 PCB Serial #: OOS Date: / /

Total Cmns Wt: 125 SIC: 9661 Source: G22 Form: W210 System: H141 Cubic Ft.: 4.09

Individual Common Weights: 1 @ 125 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	30 GAL		VARIOUS NON HAZARDOUS PLC INCLUDING RESINS, LATEXES, & SALTS CONTAINERS (5) GALLONS AND LESS. "NO RCRA MATERIAL" "PLEASE LIST A RERESENTATIVE CONTITUENT LIST" [100%]	RW399

Activity Report

JOB NO: 3304212000
BILL DOC NO P690614289
GENERATOR NO 437550

WO NO: 3304212996
EPA ID: VA8800010763

BILL TO: LJT & ASSOCIATES, INC.
5881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-2127

CONTACT: MARIANNE SIMKO/CONTACT PAPERW

MANIFEST NUMBER(S):
001729689VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PG/LN	WASTE AREA
~~Manifest # 001729680VES~~ WIP 681464 / Approval TWICY6002 ~~R-22~~ AND 410A REFRIGERANT	1	141G-DF	20	P	1 / 1	
~~Manifest # 001729689VES~~ ~~WIP 407421 / Approval PAWCY6002~~ ~~R-22 (CHLORODIFLUOROMETHANE)~~	1	141G-DF	25	P	1 / 2	
Manifest # 001729689VES WIP 323050 / Approval VNJPTAVES050 FLAMMABLE (LOOSE PACK)	1 ~~2~~	551A2-DM	~~450~~ 225	P	1 / 3	
Manifest # 001729689VES WIP 306276 / Approval PTAVES038 PACK LAB CHEMICALS	1	051H2-DF	5	P	1 / 4	
Manifest # 001729689VES WIP 917991 / Approval VNJPTAVES025 GAS FILTERS	1	201H2-DF	75	P	2 / 5	
Manifest # 001729689VES WIP 491193 / Approval PTASRP001 EPIPEN CONTAINING EPINEPHRINE	1	051H2-DF	3	P	2 / 6	

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities

Activity Report

JOB NO: 3304212000
BILL DOC NO P890614289
GENERATOR NO 437550

WO NO: 3304212996
EPA ID: VAS800010763

BILL TO: LJT & ASSOCIATES, INC.
9881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

JOB SITE: NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-2127

CONTACT: SHARON HARRIS

CONTACT: MARIANNE SIMKO(CONTACT PAPERW

MANIFEST NUMBER(S):
001729689VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001729689VES WIP 306276 / Approval PTAVES038 PACK LAB CHEMICALS	1	051H2-DF	8	P	2 / 7	
Manifest # 001729689VES WIP 402477 / Approval SSS173617 NICAD BATTERIES- UNIVERSAL WASTE	1	201H2-DF	130	P	2 / 8	
Manifest # 001729689VES WIP 844651 / Approval SSS211699 LITHIUM ION BATTERIES - UNIVERSAL WASTE	~~2~~ 1	051H2-DF	~~40~~ 20	P	2 / 9	
Manifest # 001729689VES WIP 844650 / Approval SSS211699 LITHIUM METAL BATERIES	1 ~~2~~	051H2-DF	~~40~~ 20	P	2 / 10	
Manifest # 001729689VES WIP 321310 / Approval SSS176402 ALKALINE BATTERIES	2	051H2-DF	100	P	2 / 11	
Manifest # 001729689VES WIP 321716 / Approval TWISOL003 DEBRIS FROM SAMPLING AND SPILL(WFF-112)	1	551A2-DM	150	P	2 / 12	

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304212000
BILL DOC NO P890614289
GENERATOR NO 437550

WO NO: 3304212990
EPA ID: VA8800010763

BILL TO: LIT & ASSOCIATES, INC.
9881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-2127

CONTACT: MARIANNE SIMKO(CONTACT PAPERW

MANIFEST NUMBER(S):
001729689VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PG/LN	WASTE AF
Manifest # 001729689VES WIP 555650 / Approval SSS509000NC FLUORESCENT LAMP TUBES- UNIVERSAL WASTE EACH CONTAINS 120 LAMPS	3	4 FOOT-DF	300	P	2 / 13	
Manifest # 001729689VES WIP 555650 / Approval SSS509002NC FLUORESCENT LAMP TUBES- UNIVERSAL WASTE CONTAINS 30 LAMPS	1	4 FOOT-DF	30	P	2 / 14	
Manifest # 001729689VES WIP 555650 / Approval SSSWS#179618-C FLUORESCENT LAMP TUBES- UNIVERSAL WASTE CONTAINS 25 LAMPS	1	051H2-DF	15	P	3 / 15	
Manifest # 001729689VES WIP 881023 / Approval SSS509004NC HID LAMPS- UNIVERSAL WASTE CONTAINS 10 LAMPS	1	051H2-DF	5	P	3 / 16	

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container qua

Activity Report

JOB NO: 3304212000
BILL DOC NO P890614283
GENERATOR NO 437550

WO NO: 3304212996
EPA ID: VA8800010763

BILL TO: LJT & ASSOCIATES, INC.
9881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

CONTACT: SHARON HARRIS

JOB SITE: NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-2127

CONTACT: MARIANNE SIMKO(CONTACT PAPERW

MANIFEST NUMBER(S):
001729689VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT/CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001729689VES WIP 737767 / Approval SSS508004NC U-V TUBES CONTAINS 20 LAMPS	1	8 FOOT-DF	60	P	3 / 17	

Total Hours: 0
# of Containers: 23
Total Pounds: 1456

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304212000
BILL DOC NO P890614289
GENERATOR NO 437550

WO NO: 3304212996
EPA ID: VA8800010763

BILL TO: LJT & ASSOCIATES, INC.
5881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

JOB SITE: NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-2127

CONTACT: SHARON HARRIS

CONTACT: MARIANNE SIMKO(CONTACT PAPERW

MANIFEST NUMBER(S):
001729690VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001729690VES WIP 954744 / Approval STB002084 ALODINE 1201	1	051H2-DF	5	P	1 / 1	
Manifest # 001729690VES WIP 905456 / Approval VWBLEADRECYCLE LEAD SOLDER	1	051H2-DF	8	P	1 / 2	

SAFETY ALERT: OK for ingots & >95% lead only

Acknowledged By: sk

Total Hours: 0
# of Containers: 2
Total Pounds: 13

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304212000
BILL DOC NO P890614289
GENERATOR NO 437550

WO NO: 3304212998
EPA ID: VAS800010763

BILL TO: LJT & ASSOCIATES, INC.
9881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

JOB SITE: NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-2127

CONTACT: SHARON HARRIS

CONTACT: MARIANNE SIMKO(CONTACT PAPERW

MANIFEST NUMBER(S):
Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PG/LN	WASTE AREA
06/17/2019 Manpwr - SUPERVISOR & ONE TECHNICAL ASSISTANT (HOUR)		305	1@4	HOUR	/	
06/17/2019 Manpwr - MOBILIZATION FEE (EACH)		1246	1@1	EACH	/	
		Total Hours:	4			

Comments:

Signature: Marianne Simko

Print Name: Marianne Simko

Customer authorizes Contractor to make changes on Customer's behalf in regards to transporters used and to perform the Services, including adding or changing transporters listed on manifests. If Customer provides an approved transporter list in writing to Contractor at the time Customer executes this Agreement, Contractor shall select only those transporters on that list when providing transportation services to Customer. If Customer does not provide an approved transporter list in writing to Contractor at the time Customer executes this Agreement, Customer authorizes Contractor to select any permitted transporter to provide transportation services to Customer.

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304212000
BILL DOC NO P890614289
GENERATOR NO 437550

WO NO: 3304212996
EPA ID: VAR000010763

BILL TO: LJT & ASSOCIATES, INC.
9881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

JOB SITE: NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-2127

CONTACT: SHARON HARRIS

CONTACT: MARIANNE SIMKO(CONTACT PAPERW

MANIFEST NUMBER(S):
001729692VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT.CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001729692VES WIP 156214 / Approval SRRSOLID-LT LEAD SOLDER RAGS	1	051H2-DF	5	P	2 / 5	
Manifest # 001729692VES WIP 255276 / Approval SRRCCSOLID-LT RAGS WITH PAINT (MFF004)	15	551A2-DM	1485	P	2 / 6	
Manifest # 001729692VES WIP 645354 / Approval HIN67552-4D SODIUM HYDROXIDE SOLUTION	2	051H1-DF	60	P	2 / 7	
Manifest # 001729692VES WIP 555737 / Approval SRRDPKNR NON HAZARDOUS LOOSEPACKS	1	301H2-DF	125	P	2 / 8	
~~Manifest # 001729692VES~~ ~~WIP 276396 / Approval SRRWTELIQ-NH~~ ~~PURGE WATER WITH PFAS (NON-HAZ)~~	~~7~~	~~551A2-DM~~	~~2800~~	~~P~~	~~2 / 9~~	

Total Hours: 0
# of Containers: 36
Total Pounds: 7510

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 3304212000
BILL DOC NO P890614289
GENERATOR NO 437550

WO NO: 3304212998
EPA ID: VA8800010763

BILL TO: LJT & ASSOCIATES, INC.
8881 BROKEN LAND PKWY
SUITE 400
COLUMBIA, MD 21046-3025
(443) 283-2533

JOB SITE: NASA/GSFC WALLOPS FLIGHT FACIL
BLDG F160 MAIL CODE 250W
WALLOPS ISLAND, VA 23337
(757) 824-2127

CONTACT: SHARON HARRIS

CONTACT: MARIANNE SIMKO(CONTACT PAPERW

MANIFEST NUMBER(S):
001729692VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		06/18/2019	P95

DESCRIPTION	# CONT.	CONT/CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001729692VES WIP 255280 / Approval SRR-AEROSOL AEROSOLS, FLAMMABLE (WFF031)	1	551A2-DM	150	P	1 / 1	
SAFETY ALERT: NO CUBIC YARD BOXES, WRANGLERS, GAYLORDS PERMITTED						
Acknowledged By: sk						
Manifest # 001729692VES WIP 255280 / Approval SRR-AEROSOL AEROSOLS, FLAMMABLE (WFF031)	1	301H2-DF	45	P	1 / 2	
SAFETY ALERT: NO CUBIC YARD BOXES, WRANGLERS, GAYLORDS PERMITTED						
Acknowledged By: sk						
Manifest # 001729692VES WIP 508756 / Approval SRR-AEROSOL INHIBISOL OS AEROSOL	1	201H2-DF	40	P	1 / 3	
SAFETY ALERT: NO CUBIC YARD BOXES, WRANGLERS, GAYLORDS PERMITTED						
Acknowledged By: sk						
Manifest # 001729692VES WIP 940878 / Approval SRRFS<5" JET A TURBINE FUEL	5 1	551A1-DM	~~2800~~ 2000	P	1 / 4	

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.