State of California—Environmental Protection Agency
Form Approved OMB No. 2050–0039 (Expires 9-30-96)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

TRLR# 18036T E3189 951756

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD086510005 Manifest Document No. 63045

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Douglas Aircraft Company, C1-QSC (11-11) Attn: Rob Tuell
3855 Lakewood Blvd. Long Beach, CA 90846

4. Generator's Phone (310) 496-6287 or (310) 593-3101

A. State Manifest Document Number 95463045

B. State Generator's ID HAHQ990958

5. Transporter 1 Company Name: Laidlaw Environmental Services of CA, Inc.

6. US EPA ID Number: CAD000083121

C. State Transporter's ID 448026

D. Transporter's Phone (310) 518-4700

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Aptus
11600 North Aptus Road
Aragonite, UT 84029

10. US EPA ID Number: UTD981552177

G. State Facility's ID

H. Facility's Phone (801) 531-4200

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. RQ, Waste diesel fuel, 3, NA1993, PG III (polychlorinated biphenyls)	021	DM	04107	K	State 261; EPA/Other PCB2
b. RQ, Waste environmentally hazardous substances, liquid, n.o.s., 9, UN3082, PG III (polychlorinated biphenyls)	021	DM	06529	K	State 261; EPA/Other PCB2
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
11a. AP155526. Diesel fuel with PCBs from transformer flush
11b. AP155526. Transformer fluid with PCBs. Earliest out of service date 07/31/95. See PCB continuation sheet attached.

K. Handling Codes for Wastes Listed Above
a. 07 b. 07
c. d.

15. Special Handling Instructions and Additional Information
24 Hour emergency telephone number (800) 424-9300 (Chemtrec). DOT ERG# 11a) 27 b) 31
Site address: 19503 South Normandie Avenue, Torrance, CA 90502.
Aptus Confirmation # 5329

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Robert G. Tuell, Jr. Signature: Robert G. Tuell, Jr. Month 08 Day 16 Year 95

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John R. Ribeiro Signature: [illegible] Month 08 Day 16 Year 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: LESLIE GRIFFITH Signature: [illegible] Month 08 Day 21 Year 95

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7.

95463045

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS. (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

DTSC 8022A (1/95)
EPA 8700—22

BOE-C6-0213513

State of California—Environmental Protection Agency
Form Approved OMB No. 2050–0039 (Expires 9-30-96)
Please print or type: *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

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Manifest Document No.: 63045
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

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3855 Lakewood Blvd. Long Beach, CA 90846

4. Generator's Phone (310) 496-6287 or (310) 593-3101

A. State Manifest Document Number: 95463045

B. State Generator's ID: HAHQ360056998

5. Transporter 1 Company Name: Laidlaw Environmental Services of CA, Inc.
6. US EPA ID Number: CAD000083121

C. State Transporter's ID: 448026

D. Transporter's Phone: (310) 518-4700

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Aptus
11600 North Aptus Road
Aragonite, UT 84029

10. US EPA ID Number: UTD981552177

G. State Facility's ID

H. Facility's Phone: (801) 531-4200

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. RQ, Waste diesel fuel, 3, NA1993, PG III (polychlorinated biphenyls)	021	DM	04107	K	State 261; EPA/Other PCB2
b. RQ, Waste environmentally hazardous substances, liquid, n.o.s., 9, UN3082, PG III (polychlorinated biphenyls)	021	DM	06529	K	State 261; EPA/Other PCB2
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
11a. AP155526. Diesel fuel with PCBs from transformer flush
11b. AP155526. Transformer fluid with PCBs. Earliest out of service date 07/31/95. See PCB continuation sheet attached.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
24 Hour emergency telephone number (800) 424-9300 (Chemtrec). DOT ERG# 11a) 27 b) 31
Site address: 19503 South Normandie Avenue, Torrance, CA 90502.
Aptus Confirmation # 5329

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Robert G. Tuell, Jr.
Signature: Robert G. Tuell, Jr.
Month Day Year: 08 16 95

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John R. Ribeiro
Signature
Month Day Year: 08 16 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7.

95463045

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/95)
EPA 8700—22

Yellow: GENERATOR RETAINS

BOE-C6-0213514

CONTINUATION SHEET

MANIFEST # 63045 / 95463045

	Generator Name	Unique ID #	Date of Removal From Service For Disposal	Container Type	TYPE OF PCB WASTE	Weight (lbs)	Weight (Kg)
1	Douglas Aircraft Company	DR11014	2-AA-24 East 7-31-95	DM	Diesel flush from Transformer ~~Transf. Cover~~ RDJ 08-16-95	435	198
2		11013				435	198
3		11009				420	190
4		11010				425	193
5		11011				415	189
6		11012				440	200
7		11016				420	190
8		11015				430	195
9		DR11047	2NN24 7-31-95	DM	Diesel flush From Transformer	430	195
10		11048				510	232
11		11049				415	189
12		11050				435	198
13		11046				435	198
14		DR11038	2AA-7 West 7-31-95	DM	Diesel flush from Transformer	430	195
15		11039				450	205
16		11042				435	198
17		11044				420	190
18		11045				400	182
19		11043				425	193
20		11040				415	189
21		11041				420	190
							4107 Kg
	* JW RDJ 08-16-95	DR11051	~~2AA-24 RDJ 08-16-95~~ ~~2NN-24 7-31-95~~ ~~RDJ 08-16-95~~	~~DM~~ RDJ 08-16-95	~~Waste Fro Chlor~~ RDJ 08-16-95 With PCBs. Solids	~~[illegible]~~ 140	64

BOE-C6-0213515

CONTINUATION SHEET

MANIFEST # 63045/95463045

	Generator Name	Unique ID #	Date of Removal From Service For Disposal	Container Type	TYPE OF PCB WASTE	Weight (lbs)	Weight (Kg)
22	Douglas Aircraft Company	DR10998	2AA-24 — 7-31-95	DM	Transf. oil PCB fluid.	705 lbs	320 Kg
23		DR10999		DM		735	334
24		10994				710	322
25		10995				730	331
26		10993				720	327
27		10992				690	314
28		10996				730	331
29		10997				730	331
30		11036	2NN-24 — 7-31-95	DM	Transf. oil PCB fluid	735	334
31		11035				750	341
32		11037				270	123
33		11034				770	350
34		11033				750	341
35		11005	2AA 24 west — 7-31-95	DM	Transf. oil, PCB fluid.	235	107
36		11004				730	331
37		11001				730	331
38		11000				725	330
39		11003				730	331
40		11002				735	334
41		11007				725	330
42		11006				740	336
							6529 Kg

BOE-C6-0213516

D.O.T. EMERGENCY RESPONSE GUIDE 31

EMERGENCY RESPONSE GUIDE FORM

(FOLD ON DOTTED LINE – STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (k).

Basic Description: _____

_____

Technical Name(s): _____

_____

EMERGENCY RESPONSE GUIDE FORM

24 hr. Emergency Contact Tel. No.: _____

This phone number is also required to appear on the shipping paper.

D.O.T. EMERGENCY RESPONSE GUIDE 31

POTENTIAL HAZARDS

FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.
Material may be transported hot.

HEALTH HAZARDS

Contact may cause burns to skin and eyes.
Inhalation of asbestos dust may have a damaging effect on the lungs.
Fire may produce irritating or poisonous gases.
Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighers' protective clothing will provide limited protection.
CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, CALL CHEMTREC AT 1-800-424-9300.
If water pollution occurs, notify the appropriate authorities.

FIRE

Small Fires: Dry chemical, CO_2, water spray or regular foam.
Large Fires: Water spray, fog or regular foam.
Move container from fire area if you can do it without risk.
Do not scatter spilled material with high-pressure water streams.
Dike fire control water for later disposal.

SPILL OR LEAK

Stop leak if you can do it without risk.
Avoid inhalation of asbestos dust.
Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely, move containers from spill area.
Small Spills: Take up with sand or other noncombusible absorbent material and place into containers for later disposal
Large Spills: Dike far ahead of liquid spill for later disposal.
Cover powder spill with plastic sheet or tarp to minimize spreading.

FIRST AID

In case of contact wiih material immediaely flush eyes with running water for at least 15 minutes. Wash skin with soap and water.
Remove and isolale contaminated clothing and shoes at the site.

Information on this Guide Page is from the 1993 Emergency Response Guidebook Dot P 5800.6. It applies only to the Basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by **I.D.# and NAME OF THE MATERIAL** in the **Table of Initial Isolation and Protective Action Distances**. This Table is partialy reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page. Be aware of other factors which may affect decisions.

READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!

ERF 31 Printed by Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808 Rev.2/94

D.O.T. EMERGENCY RESPONSE GUIDE 31

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

		SMALL SPILLS (From a small package or small leak from a large package.)			LARGE SPILLS (From a large package or from many small packages.)		
ID No.	NAME OF MATERIAL	First ISOLATE in all directions– (Feet)	Then, PROTECT persons DOWNWIND DAY (Miles)	NIGHT (Miles)	First ISOLATE in all directions– (Feet)	Then, PROTECT persons DOWNWIND DAY (Miles)	NIGHT (Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

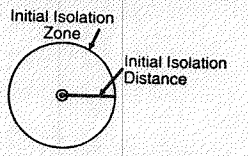
The Table of Initial Isolation and Protetive Action Distances suggests distances useful to protect people from spill areas involving hazardous materials that produce **poisonous effects when inhaled.** The Table provides first responders with initial guidance until technically qualified emergency response personnel are available. Distances show areas likely to be affected during the first 30 minutes after materials are spilled and could increase with time.

The **Initial Isolation Zone** defines an area AROUND the incident (including upwind) in which persons may be exposed to life threatening concentrations of material. The **Protective Action Zone** defines an area DOWNWIND of the incident in which persons may become incapacitated and unable to take protective action and/or incur serious or irreversible health effects. The Table provides specific guidance for small and large spills and conditions generally prevailing during day or night.

HOW TO USE THE TABLE OF ISOLATION AND PROTECTIVE ACTION DISTANCES

Determine if the incident involves a SMALL or LARGE spill and if DAY or NIGHT. Generally a SMALL SPILL is one which involves a single, small package (i.e., up to a 55 gallon drum), small cylinder, or a small leak from a large package. A LARGE SPILL is one which involves a spill from a large package, or multiple spills from many small packages. DAY is any time after sunrise and before sunset. NIGHT is any time between sunset and sunrise.

Look up the initial ISOLATION distance. Direct all persons to move, in an upwind or crosswind direction, away from the spill to the specified distance--in feet.



Next, look up the initial PROTECTIVE ACTION DISTANCE shown in the Table. For a given hazardous material, spill size, and whether day or night, the Table gives the distance--in miles--downwind for which protective actions should be considered. For practical purposes, the Protective Action Zone (i.e., the area in which people are at risk of harmful exposure) is a square, whose length and width are the same as the downwind distance shown in the Table.

Adjusting distances for a specific incident involves many interdependent variables and should be made by personnel technically qualified to make such adjustments. The hazardous material in question, the population threatened and weather conditions will all affect protective action distances.

WARNING! THE INFORMATION ON THIS EMERGENCY RESPONSE FORM CONCERNING INITIAL ISOLATION DISTANCES IS NOT EXHAUSTIVE, YOU MUST CONSULT THE EMERGENCY RESPONSE GUIDEBOOK FOR COMPLETE INFORMATION. The Emergency Response information contained in this book should be augmented by expert technical advice as soon as possible and should not be used as a guide during cleanup or to determine regulatory compliance.

FOR FURTHER INFORMATION REFER TO DOT P5800.6 (EMERGENCY RESPONSE GUIDEBOOK) AND THE CODE OF FEDERAL REGULATIONS, TITLE 49.

D.O.T. EMERGENCY RESPONSE GUIDE 27

EMERGENCY RESPONSE GUIDE FORM

(FOLD ON DOTTED LINE – STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (k).

Basic Description: _____

_____

Technical Name(s): _____

_____

EMERGENCY RESPONSE GUIDE FORM

24 hr. Emergency Contact Tel. No.: _____

This phone number is also required to appear on the shipping paper.

D.O.T. EMERGENCY RESPONSE GUIDE 27

POTENTIAL HAZARDS

FIRE OR EXPLOSION

Flammable/combustible material; may be ignited by heat, sparks or flames.
Vapors may travel to a source of ignition and flash back.
Container may explode in heat of fire.
Vapor explosion hazard indoors, outdoors or in sewers.
Runoff to sewer may create fire or explosion hazard.
Material may be transported hot.

HEALTH HAZARDS

May be poisonous if inhaled or absorbed through skin.
Vapors may cause dizziness or suffocation.
Contact may irritate or burn skin and eyes.
Fire may produce irritating or poisonous gases.
Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.
Stay upwind; keep out of low areas.
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.
Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire.
CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, CALL CHEMTREC AT 1-800-424-9300.
If water pollution occurs, notify the appropriate authorities.

FIRE

Small Fires: Dry chemical, CO_2, water spray or regular foam.
Large Fires: Water spray, fog or regular foam.
Move container from fire area if you can do it without risk.
Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.
For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn.
Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

SPILL OR LEAK

Shut off ignition sources; no flares, smoking or flames in hazard area.
Stop leak if you can do it without risk.
Water spray may reduce vapor; but it may not prevent ignition in closed spaces.
Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.
Large Spills: Dike far ahead of liquid spill for later disposal.

FIRST AID

Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration; if breathing is difficult, give oxygen.
In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.
Remove and isolate contaminated clothing and shoes at the site.

Information on this Guide Page is from the 1993 Emergency Response Guidebook Dot P 5800.6. It applies only to the Basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by **I.D.# and NAME OF THE MATERIAL** in the **Table of Initial Isolation and Protective Action Distances**. This Table is partialy reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page. Be aware of other factors which may affect decisions.

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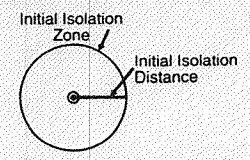
Look up the initial ISOLATION distance. Direct all persons to move, in an upwind or crosswind direction, away from the spill to the specified distance--in feet.



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FOR FURTHER INFORMATION REFER TO DOT P5800.6 (EMERGENCY RESPONSE GUIDEBOOK) AND THE CODE OF FEDERAL REGULATIONS, TITLE 49.

LDR NOTIFICATION

ROLLINS ENVIRONMENTAL SERVICES

CUSTOMER INSTRUCTIONS

1. This Land Disposal Restriction (LDR) Notification form applies to EPA RCRA Hazardous Wastes as either a wastewater or non-wastewater (including labpacks not regulated under 40CFR§268.42(c)) or a hazardous debris not meeting relevant LDR treatment standards. Should you have labpacks regulated under §268.42(c) or a waste already meeting the LDR treatment standard, please contact us for the additional or alternate certification form.
2. ***Complete Sections A, B, C and D. Complete Section E only*** when instructed by either Section B below or Section D: EPA Hazardous Waste Code Tables.
3. This form shall be completed in ink or typewritten. Originals can be obtained from all RES offices.

SECTION A. GENERATOR INFORMATION

1. Generator Douglas Aircraft Company
2. EPA I.D. No. CAD086510005
3. Manifest No. ~~63045~~ 08-16-95 63045 / 95463045
4. RES Waste Stream No. AP155526

SECTION B. GENERATOR LDR NOTIFICATION (40 CFR § 268.7)

1. Notifying (Check One): ☐ RES (NJ) ☐ RES (LA) ☐ RES (TX) ☒ APTUS ☐ OPC ☐ RES of LA ☐ TET
2. Under the above RES Waste Stream No., I am shipping to you a hazardous waste as identified below under Waste Category & California List Notifications:

WASTE CATEGORY & CALIFORNIA LIST NOTIFICATIONS

Check either a, b, or c. ***Waste Category***

☐ a. A wastewater identified by the EPA Waste Code/subcategory that I have checked in Section D; ***OR***

☒ b. A non-wastewater identified by the EPA Waste Code/subcategory that I have checked in Section D; ***OR***

☐ c. A hazardous debris identified by the EPA Waste Code/subcategory that I have checked in Section D. (See EPA Definitions & Subcategory Legend below).

If applicable, check d, e, and f. ***California List Notifications***

☐ d. A D003-D011 waste containing halogenated organic compounds (HOCs) ≥1000 ppm (40 CFR § 268, Appendix III). Additionally, D018-D043 apply if a wastewater.

☒ e. A liquid hazardous waste containing polychlorinated biphenyls (PCBs) ≥50 ppm.

☐ f. A D003-D011 liquid waste containing ≥134 mg/l Nickel and/or ≥130 mg/l Thallium. Additionally, D018-D043 apply if a wastewater.

Note: If any of the above California List Notifications were checked, identify ALL UNDERLYING HAZARDOUS CONSTITUENTS in Section E. which can reasonably be expected to be present in the waste at a concentration above the constituent - specific treatment standard listed in 40 CFR § 268.48.

SECTION C. GENERATOR CERTIFICATION (Authorized Representative)

I hereby certify and warrant that all the information supplied on this form and all associated documents represents a complete and accurate identification of this waste material.

1. Print or Type Name: Robert G. Tuell, Jr.
2. Date: 08 / 16 / 95
3. Signature: Robert G. Tuell, Jr.
4. Title: Senior Plant Engineer

EPA DEFINITIONS & SUBCATEGORY LEGEND

AC	Acidic (≤2 pH)	HY	Hydrated	RS	Reactive Sulfide
AK	Alkaline (≥12.5 pH)	LB	Lead Acid Battery	RX	Other Reactives
AN	Anhydrous	LM	Low Mercury (<260 mg/kg)	TOC	Total Organic Carbon
CO	Corrosive (>6.35 mm/yr)	LQ	Liquid	WR	Water Reactive
CB	Cadmium Battery	NC	Non Calcium Sulfate	WW	Wastewater (<1% TOC and <1% Total Suspended Solids)
CS	Calcium Sulfate	OX	Oxidizer		
HM	High Mercury (≥ 260 mg/kg)	RC	Reactive Cyanide		

Hazardous Debris = A solid material exceeding a 60 mm particle size (i.e., = 2⅜") that is intended for disposal. The following materials are not debris: cadmium/lead acid batteries, process residuals such as smelter slag and residues from the treatment of waste, wastewater, sludges, or air emission residues; and intact containers of hazardous waste that are not ruptured and that retain at least 75% of their original volume (40 CFR § 268.2(g)).

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SECTION D: EPA HAZARDOUS WASTE CODE TABLES

RES Waste Stream No. _____

"D" CHARACTERISTIC CODES

Check All Applicable Waste Codes — Check All Applicable Waste Cod.

☐ D001 GAS	* ☐ D002 AK	☐ D006	* ☐ D014	* ☐ D022	* ☐ D030	* ☐ D038
☐ D001 LQ ≥10% TOC	* ☐ D002 CO	☐ D007	* ☐ D015	* ☐ D023	* ☐ D031	* ☐ D039
	☐ D003 RX	☐ D008	* ☐ D016	* ☐ D024	* ☐ D032	* ☐ D040
☐ D001 LQ <10% TOC	☐ D003 RC	☐ D009 LM	* ☐ D017	* ☐ D025	* ☐ D033	* ☐ D041
	☐ D003 RS	☐ D010	* ☐ D018	* ☐ D026	* ☐ D034	* ☐ D042
☐ D001 OX	☐ D003 WR	☐ D011	* ☐ D019	* ☐ D027	* ☐ D035	* ☐ D043
☐ D001 RX	☐ D004	* ☐ D012	* ☐ D020	* ☐ D028	* ☐ D036	
* ☐ D002 AC	☐ D005	* ☐ D013	* ☐ D021	* ☐ D029	* ☐ D037	

* Check in SECTION E. ALL UNDERLYING HAZARDOUS CONSTITUENTS which can reasonably be expected to be present in this waste at a concentration above the constituent-specific treatment standard listed in 40CFR§268.48.

Note: Following "D" Codes acceptable only for Off-Site, Transfer & Disposal: (Unacceptable for Incineration) ☐D006CB ☐D008LB ☐D009HM

"F" LISTED CODES

Check All Applicable Waste Codes — Check All Applicable Waste Codes

** ☐ F001	** ☐ F004	☐ F007	☐ F010	☐ F019	☐ F032	☐ F037
** ☐ F002	** ☐ F005	☐ F008	☐ F011	☐ F024	☐ F034	☐ F038
** ☐ F003	☐ F006	☐ F009	☐ F012	☐ F025	☐ F035	* ☐ F039

* Check in SECTION E. ALL UNDERLYING HAZARDOUS CONSTITUENTS which can reasonably be expected to be present in this waste at a concentration above the constituent-specific treatment standard listed in 40CFR§268.48.

** Check in SECTION E. ALL F001 - F005 HAZARDOUS CONSTITUENTS which can reasonably be expected to be present in this waste at a concentration above the constituent-specific treatment standard listed in 40CFR§268.48. (** = F001-F005 constituents in Section E.)

"K" LISTED CODES

Check All Applicable Waste Codes — Check All Applicable Waste Codes

☐ K001	☐ K017	☐ K033	☐ K049	☐ K086	☐ K104	☐ K124
☐ K002	☐ K018	☐ K034	☐ K050	☐ K087	☐ K105	☐ K125
☐ K003	☐ K019	☐ K035	☐ K051	☐ K088	☐ K106 LM	☐ K126
☐ K004	☐ K020	☐ K036	☐ K052	☐ K090	☐ K107	☐ K131
☐ K005	☐ K021	☐ K037	☐ K060	☐ K091	☐ K108	☐ K132
☐ K006 AN	☐ K022	☐ K038	☐ K061	☐ K093	☐ K109	☐ K136
☐ K006 HY	☐ K023	☐ K039	☐ K062	☐ K094	☐ K110	☐ K141
☐ K007	☐ K024	☐ K040	☐ K064	☐ K095	☐ K111	☐ K142
☐ K008	☐ K025	☐ K041	☐ K065	☐ K096	☐ K112	☐ K143
☐ K009	☐ K026	☐ K042	☐ K066	☐ K097	☐ K113	☐ K144
☐ K010	☐ K027	☐ K043 (RU only)	☐ K069 CS	☐ K098	☐ K114	☐ K145
☐ K011	☐ K028	☐ K044	☐ K071	☐ K099 (RU only)	☐ K115	☐ K147
☐ K013	☐ K029	☐ K045	☐ K073	☐ K100	☐ K116	☐ K148
☐ K014	☐ K030	☐ K046	☐ K083	☐ K101	☐ K117	☐ K149
☐ K015	☐ K031	☐ K047	☐ K084	☐ K102	☐ K118	☐ K150
☐ K016	☐ K032	☐ K048	☐ K085	☐ K103	☐ K123	☐ K151

Note: Following "K" Codes Acceptable only for Off-Site Transfer and Disposal (Unacceptable for Incineration): ☐ K069NC ☐ K106HM

"P" LISTED CODES

Check All Applicable Waste Codes — Check All Applicable Waste Codes

☐ P001	☐ P012	☐ P026	☐ P039	☐ P050	☐ P065 LM	☐ P077
☐ P002	☐ P013	☐ P027	☐ P040	☐ P051	☐ P066	☐ P081
☐ P003	☐ P014	☐ P028	☐ P041	☐ P054	☐ P067	☐ P082
☐ P004	☐ P016	☐ P029	☐ P042	☐ P056	☐ P068	☐ P084
☐ P005	☐ P017	☐ P030	☐ P043	☐ P057	☐ P069	☐ P085
☐ P006	☐ P018	☐ P031	☐ P044	☐ P058	☐ P070	☐ P088
☐ P007	☐ P020	☐ P033	☐ P045	☐ P059	☐ P071	☐ P089
☐ P008	☐ P021	☐ P034	☐ P046	☐ P060	☐ P072	☐ P092 LM
☐ P009	☐ P022	☐ P036	☐ P047	☐ P062	☐ P073	☐ P093
☐ P010	☐ P023	☐ P037	☐ P048	☐ P063	☐ P074	☐ P094
☐ P011	☐ P024	☐ P038	☐ P049	☐ P064	☐ P075	☐ P095

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SECTION D. (Continued)

RES Waste Stream No. _____

☐ P096	☐ P101	☐ P105	☐ P110	☐ P114	☐ P119	☐ P123
☐ P097	☐ P102	☐ P106	☐ P111	☐ P115	☐ P120	
☐ P098	☐ P103	☐ P108	☐ P112	☐ P116	☐ P121	
☐ P099	☐ P104	☐ P109	☐ P113	☐ P118	☐ P122	

Note: Following "P" Codes Acceptable only for Off-Site Transfer and Disposal: ☐ P015 ☐ P065 HM P076 ☐ P078 ☐ P087 ☐ P092 HM

Check All Applicable Waste Codes

"U" LISTED CODES

Check All Applicable Waste Codes

☐ U001	☐ U037	☐ U075	☐ U112	☐ U148	☐ U184	☐ U223
☐ U002	☐ U038	☐ U076	☐ U113	☐ U149	☐ U185	☐ U225
☐ U003	☐ U039	☐ U077	☐ U114	☐ U150	☐ U186	☐ U226
☐ U004	☐ U041	☐ U078	☐ U115	☐ U151 LM	☐ U187	☐ U227
☐ U005	☐ U042	☐ U079	☐ U116	☐ U152	☐ U188	☐ U228
☐ U006	☐ U043	☐ U080	☐ U117	☐ U153	☐ U189	☐ U234
☐ U007	☐ U044	☐ U081	☐ U118	☐ U154	☐ U190	☐ U235 (NJ only)
☐ U008	☐ U045	☐ U082	☐ U119	☐ U155	☐ U191	☐ U236
☐ U009	☐ U046	☐ U083	☐ U120	☐ U156	☐ U192	☐ U237
☐ U010	☐ U047	☐ U084	☐ U121	☐ U157	☐ U193	☐ U238
☐ U011	☐ U048	☐ U085	☐ U122	☐ U158	☐ U194	☐ U239
☐ U012	☐ U049	☐ U086	☐ U123	☐ U159	☐ U196	☐ U240
☐ U014	☐ U050	☐ U087	☐ U124	☐ U160	☐ U197	☐ U243
☐ U015	☐ U051	☐ U088	☐ U125	☐ U161	☐ U200	☐ U244
☐ U016	☐ U052	☐ U089	☐ U126	☐ U162	☐ U201	☐ U246
☐ U017	☐ U053	☐ U090	☐ U127	☐ U163	☐ U202	☐ U247
☐ U018	☐ U055	☐ U091	☐ U128	☐ U164	☐ U203	☐ U248
☐ U019	☐ U056	☐ U092	☐ U129	☐ U165	☐ U204	☐ U249
☐ U020	☐ U057	☐ U093	☐ U130	☐ U166	☐ U205	☐ U328
☐ U021	☐ U058	☐ U094	☐ U131	☐ U167	☐ U206	☐ U353
☐ U022	☐ U059	☐ U095	☐ U132	☐ U168	☐ U207	☐ U359
☐ U023	☐ U060	☐ U096	☐ U133	☐ U169	☐ U208	
☐ U024	☐ U061	☐ U097	☐ U134	☐ U170	☐ U209	
☐ U025	☐ U062	☐ U098	☐ U135	☐ U171	☐ U210	
☐ U026	☐ U063	☐ U099	☐ U136	☐ U172	☐ U211	
☐ U027	☐ U064	☐ U101	☐ U137	☐ U173	☐ U213	
☐ U028	☐ U066	☐ U102	☐ U138	☐ U174	☐ U214	
☐ U029	☐ U067	☐ U103	☐ U140	☐ U176	☐ U215	
☐ U030	☐ U068	☐ U105	☐ U141	☐ U177	☐ U216	
☐ U031	☐ U069	☐ U106	☐ U142	☐ U178	☐ U217	
☐ U032	☐ U070	☐ U107	☐ U143	☐ U179	☐ U218	
☐ U033	☐ U071	☐ U108	☐ U144	☐ U180	☐ U219	
☐ U034	☐ U072	☐ U109	☐ U145	☐ U181	☐ U220	
☐ U035	☐ U073	☐ U110	☐ U146	☐ U182	☐ U221	
☐ U036	☐ U074	☐ U111	☐ U147	☐ U183	☐ U222	

Note: Following "U" Code Acceptable only for Off-Site Transfer and Disposal (Unacceptable for incineration): ☐ U151 HM

OTHER RES INCINERATION UNACCEPTABLES

Unacceptable EPA Waste Codes (Permit Restricted)

D003 Explosives

D003, D004-D011 (High level radioactive wastes from processing of fuel rods).

The following "F" Listed Dioxin Waste Codes:

- F020
- F021
- F022
- F023
- F026
- F027
- F028

Unacceptable Hazardous Constituents

The following Dioxins constituents are unacceptable above the LDR treatment standard:

- All HxCDDs
- All HxCDFs
- All PeCDDs
- All PeCDFs
- All TCDDs
- All TCDFs

- Kepone in any concentration is unacceptable at RES (NJ).

Note: Acceptance of the Dioxin constituents in non-listed Dioxin Wastes are on a case-by-case basis.

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SECTION E. UNDERLYING HAZARDOUS CONSTITUENTS

(40 CFR§268.48)

RES Waste Stream No. _____

INORGANIC CONSTITUENTS

Check all Applicable Constituents

- ☐ Antimony
- ☐ Arsenic
- ☐ BARIUM
- ☐ BERYLLIUM
- ☐ Cadmium
- ☐ Chromium
- ☐ Cyanides (Total)
- ☐ Cyanides (Amenable)
- ☐ Fluoride
- ☐ Lead
- ☐ Mercury
- ☐ Nickel
- ☐ SELENIUM
- ☐ Silver
- ☐ Sulfide
- ☐ THALLIUM
- ☐ VANADIUM

ORGANIC ACCEPTABLE CONSTITUENTS

Check all Applicable Constituents

- ☐ Acenaphthylene
- ☐ Acenaphthene
- ☐ ** *Acetone*
- ☐ Acetonitrile
- ☐ Acetophenone
- ☐ 2-Acetylaminofluorene
- ☐ Acrolein
- ☐ Acrylamide
- ☐ Acrylonitrile
- ☐ Aldrin
- ☐ 4-Aminobiphenyl
- ☐ Aniline
- ☐ Anthracene
- ☐ Aramite
- ☐ alpha-BHC
- ☐ beta-BHC
- ☐ delta-BHC
- ☐ gamma-BHC
- ☐ ** *Benzene*
- ☐ Benz(a)anthracene
- ☐ Benzal chloride
- ☐ Benzo(b)fluoranthene
- ☐ Benzo(k)fluoranthene
- ☐ Benzo(g,h,i)perylene
- ☐ Benzo(a)pyrene
- ☐ Bromodichloromethane
- ☐ Methyl bromide (Bromomethane)
- ☐ 4-Bromophenyl phenyl ether
- ☐ ** *n-Butyl alcohol*
- ☐ Butyl benzyl phthalate
- ☐ 2-sec-Butyl-4,6-dinitrophenol (Dinoseb)
- ☐ ** *CARBON DISULFIDE*
- ☐ ** *Carbon tetrachloride*
- ☐ Chlordane(alpha & gamma isomers)
- ☐ p-Chloroaniline
- ☐ ** *Chlorobenzene*
- ☐ Chlorobenzilate
- ☐ 2-Chloro-1,3-butadiene
- ☐ Chlorodibromomethane
- ☐ Chloroethane
- ☐ bis(2-Chloroethoxy)methane
- ☐ bis(2-chloroethyl)ether
- ☐ Chloroform
- ☐ bis(2-Chloroisopropyl)ether
- ☐ p-Chloro-m-cresol
- ☐ 2-Chloroethyl vinyl ether
- ☐ Chloromethane (Methyl chloride)
- ☐ 2-Chloronaphthalene
- ☐ 2-Chlorophenol
- ☐ 3-Chloropropylene
- ☐ Chrysene
- ☐ ** *o-Cresol*
- ☐ ** *m-Cresol*
- ☐ ** *p-Cresol*
- ☐ ** *CYCLOHEXANONE*
- ☐ 1,2-Dibromo-3-chloropropane
- ☐ Ethylene dibromide (1,2-Dibromoethane)
- ☐ Dibromomethane
- ☐ 2,4,D (2-4-Dichlorophenoxyacetic acid)
- ☐ o,p'-DDD
- ☐ p,p'-DDD
- ☐ o,p'-DDE
- ☐ p,p'-DDE
- ☐ o,p'-DDT
- ☐ p,p'-DDT
- ☐ Dibenz(a,h)anthracene
- ☐ Dibenz(a,e)pyrene
- ☐ m-Dichlorobenzene
- ☐ ** *o-Dichlorobenzene*
- ☐ p-Dichlorobenzene
- ☐ Dichlorodifluoromethane
- ☐ 1,1-Dichloroethane
- ☐ 1,2-Dichloroethane
- ☐ 1,1-Dichloroethylene
- ☐ trans,1,2-Dichloroethylene
- ☐ 2,4-Dichlorophenol
- ☐ 2,6-Dichlorophenol
- ☐ 1,2-Dichloropropane
- ☐ cis-1,3-Dichloropropylene
- ☐ trans-1,3-Dichloropropylene
- ☐ Dieldrin
- ☐ Diethyl phthalate
- ☐ 2,4-Dimethyl phenol
- ☐ Dimethyl phthalate
- ☐ Di-n-butyl phthalate
- ☐ 1,4-Dinitrobenzene
- ☐ 4,6-Dinitro-o-cresol
- ☐ 2,4-Dinitrophenol
- ☐ 2,4-Dinitrotoluene
- ☐ 2,6-Dinitrotoluene
- ☐ Di-n-octyl phthalate
- ☐ p-Dimethylaminoazobenzene
- ☐ Di-n-propylnitrosamine
- ☐ 1,4-Dioxane
- ☐ Diphenylamine
- ☐ Diphenylnitrosamine
- ☐ 1,2-Diphenylhydrazine
- ☐ Disulfoton
- ☐ Endosulfan I
- ☐ Endosulfan II
- ☐ Endosulfan sulfate
- ☐ Endrin
- ☐ Endrin aldehyde
- ☐ ** *Ethyl acetate*
- ☐ Ethyl cyanide (Propanenitrile)
- ☐ ** *Ethyl benzene*
- ☐ ** *Ethyl ether*
- ☐ bis(2-Ethylhexyl) phthalate
- ☐ Ethyl methacrylate
- ☐ Ethylene oxide
- ☐ Famphur
- ☐ Fluoranthene
- ☐ Fluorene
- ☐ Heptachlor
- ☐ Heptachlor epoxide
- ☐ Hexachlorobenzene
- ☐ Hexachlorobutadiene
- ☐ Hexachlorocyclopentadiene
- ☐ Hexachloroethane
- ☐ Hexachloropropylene
- ☐ Indeno (1,2,3-c,d) pyrene
- ☐ Iodomethane
- ☐ ** *Isobutyl alcohol*
- ☐ Isodrin
- ☐ Isosafrole
- ☐ Kepone
- ☐ Methacrylonitrile
- ☐ ** *METHANOL*
- ☐ Methapyrilene
- ☐ Methoxychlor
- ☐ 3-Methylcholanthrene
- ☐ 4,4-Methylene bis (2-chloroaniline)
- ☐ ** *Methylene chloride*
- ☐ ** *Methyl ethyl ketone*
- ☐ ** *Methyl isobutyl ketone*
- ☐ Methyl methacrylate
- ☐ Methyl methanesulfonate
- ☐ Methyl parathion
- ☐ Naphthalene
- ☐ 2-Naphthylamine
- ☐ o-Nitroaniline
- ☐ p-Nitroaniline
- ☐ ** *Nitrobenzene*
- ☐ 5-Nitro-o-toluidine
- ☐ o-Nitrophenol
- ☐ p-Nitrophenol
- ☐ N-Nitrosodiethylamine
- ☐ N-Nitrosodimethylamine
- ☐ N-Nitroso-di-n-butylamine
- ☐ N-Nitrosomethylethylamine
- ☐ N-Nitrosomorpholine
- ☐ N-Nitrosopiperidine
- ☐ N-Nitrosopyrrolidine
- ☐ Parathion
- ☐ TOTAL PCBs
- ☐ Pentachlorobenzene
- ☐ Pentachloroethane
- ☐ Pentachloronitrobenzene
- ☐ Pentachlorophenol
- ☐ Phenacetin
- ☐ Phenanthrene
- ☐ Phenol
- ☐ Phorate
- ☐ Phthalic acid
- ☐ Phthalic anhydride
- ☐ Pronamide
- ☐ Pyrene
- ☐ ** *Pyridine*
- ☐ Safrole
- ☐ Silvex (2,4,5-TP)
- ☐ 2,4,5-T (2,4,5-Trichloro phenoxy-acetic acid)
- ☐ 1,2,4,5-Tetrachlorobenzene
- ☐ 1,1,1,2-Tetrachloroethane
- ☐ 1,1,2,2-Tetrachloroethane
- ☐ ** *Tetrachloroethylene*
- ☐ 2,3,4,6-Tetrachlorophenol
- ☐ ** *Toluene*
- ☐ Toxaphene
- ☐ Bromoform (Tribromomethane)
- ☐ 1,2,4-Trichlorobenzene
- ☐ ** *1,1,1-Trichloroethane*
- ☐ ** *1,1,2-Trichloroethane*
- ☐ ** *Trichloroethylene*
- ☐ ** *Trichloromonofluoromethane*
- ☐ 2,4,5-Trichlorophenol
- ☐ 2,4,6-Trichlorophenol
- ☐ 1,2,3-Trichloropropane
- ☐ ** *1,1,2-Trichloro-1,2,2,-trifluoro-ethane*
- ☐ TRIS-(2,3-DIBROMOPROPYL) PHOSPHATE
- ☐ Vinyl chloride
- ☐ ** *Xylenes-total mixed isomers*

Note: Constituents in bold type have been highlighted for RES purposes only.

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