The logo of the New Jersey Department of Environmental Protection is a circular emblem. It features a stylized globe in shades of blue and white, with a grey outer ring. The globe is partially obscured by a grey, curved shape that resembles a road or a path leading towards the horizon.

New Jersey Department of Environmental Protection Transportation Oversight Unit

Bob Gomez, Supervisor
Ron Feehan, Lawrence Lewis, Chris Farrar
& Mike Kosierowski

9 Ewing Street, Mail Code 09-01
P.O. Box 420
Trenton, New Jersey 08625-0420
(609) 292-6305

Responsibilities Of TOU

Solid, Hazardous & Medical Waste Transporter Compliance

- 10-Day HW Transfer Facility Inspections
 - Load consolidation, check DOT markings, packaging & compatibility
 - Record keeping – log books, (DOT & RCRA requirements) hazardous waste manifests (shipping descriptions & emergency contact #)
- Vehicle Compliance Inspections
 - Generator locations where waste is offered for transport
 - Roadside with NJSP
 - 10-Day HW Transfer Facilities
 - Disposal Facilities

Selecting A Transporter

Do I use a waste broker or find my own transporter?

- Brokers & transporters require an A-901 license (HW & SW)
 - Solid waste transporters & brokers also require CPCN
 - HW & SW transporters are also required to be registered with DEP to transport the type of waste they are transporting and are issued decals to place on their equipment

Selecting A Transporter


Reputable transporter or broker checklist:

- ✓ Always ask for copy of A-901 & CPCN (for SW)
- ✓ Is equipment displaying current decals (look at equipment)
- ✓ Check DOT Safer site to make sure the transporter has not been revoked by DOT & to check compliance & safety ratings
- ✓ Check NJ DEP's Data Miner to evaluate compliance history

Various Types of DEP Decals



A-901 License & CPCN Examples


State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
ENVIRONMENTAL MANAGEMENT
401 E. STATE STREET
2ND FLOOR, WEST WING
MAIL CODE 401-02C
TRENTON, NJ 08625-0420

CHRIS CHRISTIE
GOVERNOR

KIM GUADAGNO
LT. GOVERNOR

BOB MARTIN
COMMISSIONER

SAMPLE COMPANY WORKSHOP LLC
123 Anywhere Road
Trenton, NJ 08625

RE: Solid Waste Transporter License

Dear Applicants:

This is to advise you that the investigative report from the Attorney General required under N.J.S.A. 13:1E-126 et seq. has been received by the Department of Environmental Protection. Based on our review of the aforementioned investigative report, the Department is hereby issuing this **Solid Waste Transporter License** to:

SAMPLE COMPANY WORKSHOP LLC

Please be advised that the license hereby issued is a "conditional" license and is modified by the terms and conditions as specified on the attached document as they have been put forth by the Attorney General's Office. Failure to meet the specified conditions will result in the revocation of this license.


This license is only issued to SAMPLE COMPANY WORKSHOP LLC for its exclusive use and control, and it must be renewed annually by filing the Annual License Update form as well as any other change of information concerning your company or its operation as required by the Department.

Please be aware that you are required to obtain a Certificate of Public Convenience and Necessity prior to commencing solid waste business operations. An application is enclosed. Questions regarding this certificate should be directed to (609) 633-1389. As you know, any transportation equipment must be registered prior to commencing operations. Questions regarding registration should be directed to (609) 292-7081.

Sincerely,

Deborah Pinto, Chief
Economic Regulation & Licensing

Enclosure
c: Raghu Murti, DAG
Lt. Joseph McNally, NJSP
Suzanne Conway, NJDEP, SWUCA
Robert Gomez, NJDEP, TOU
001234 - PI 123456


State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
ENVIRONMENTAL MANAGEMENT
401 E. STATE STREET
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TRENTON, NJ 08625-0420

CHRIS CHRISTIE
GOVERNOR

KIM GUADAGNO
LT. GOVERNOR

BOB MARTIN
COMMISSIONER

This Certificate is Non-Transferrable

CERTIFICATE
Of
PUBLIC CONVENIENCE AND NECESSITY

HEREBY ISSUED TO: **SAMPLE COMPANY LLC**

STREET ADDRESS
123 Anywhere Road
Trenton, NJ 08625

MAILING ADDRESS
456 Main Street
Trenton, NJ 08625

SW NUMBER: SW1234

FOR AUTHORITY TO ENGAGE IN THE BUSINESS OF SOLID WASTE COLLECTION AS DEFINED IN N.J.S.A. 13:1E-1 ET SEQ. IN AND ABOUT THE STATE OF NEW JERSEY

The authority granted shall not exceed that requested in Docket No. CF2014-042

IT IS MADE A CONDITION OF THIS CERTIFICATE THAT THE HOLDER SHALL OPERATE IN COMPLIANCE WITH THE AUTHORITY HEREIN GRANTED UNDER THE PROVISIONS OF N.J.S.A. 48:13A-1 ET SEQ. AND N.J.S.A. 13:1E-1 ET SEQ. FAILURE TO DO SO SHALL CONSTITUTE SUFFICIENT GROUNDS FOR SUSPENSION OR REVOCATION PURSUANT TO N.J.S.A. 48:13A-9 ET SEQ.

Date of Issue: _____

DEBORAH PINTO, CHIEF
Bureau of Planning and Licensing

DOT Requirements Applicable to Hazardous Waste Generator's

- Comply with training requirements
- Properly identify waste being shipped
- Select an authorized package
- Properly mark the package
 - EPA & DOT marking requirements
- Complete the shipping paper (HW Manifest)
- Comply with placarding requirements

DOT Requirements Applicable to Hazardous Waste Generator's

- Training (49 CFR 172.704)
 - Hazmat employers must provide training to their hazmat employees & shall include:
 - General awareness training - enabling the employee to recognize & identify hazardous materials

DOT Requirements Applicable to Hazardous Waste Generator's

- Training 172.704 - cont.
 - Function Specific – hazmat employee must receive specific training to the hazmat function(s) performed
 - Safety training – shall include emergency response information, methods of avoiding accidents such as proper handling procedures, & measures to protect themselves from exposure

DOT Requirements Applicable to Hazardous Waste Generator's

- Training 172.704 - cont.
 - Security awareness & In-depth security training
 - Refer to Subpart I (172.800 & 172.804) for security plan specifics
 - Initial & recurrent training
 - Initial completed within 90 days of hire or change in function, may work under direct supervision of knowledgeable hazmat employee until training is completed
 - Recurrent must be done at least every 3 years
 - Relevant training received from a previous employer or other source is also acceptable

DOT Requirements Applicable to Hazardous Waste Generator's

- Training 172.704 - cont.

Training Records Must Include:

- Hazmat employee's name
- Completion date of most recent training
- Training Materials (Copy, description, or location)
- Name and address of hazmat trainer
- Certification that the hazmat employee has been trained and tested

Identify Your Waste

- Generator knowledge (MSDS, prior analytical)
- Testing of waste material
 - EPA & DOT have very detailed testing methodology protocols



Research and Special Programs Administration, DOT §172.101

§172.101 Hazardous Materials Table- Cont'd

Sym- bols	Hazardous materials descriptions and proper shipping names	Hazard class or Division	Identifi- cation Numbers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging §173.***			(9) Quantity limitations		(10) Vessel storage	
							Excep- tions	Non- bulk	Bulk	Passen- ger air craft/rail	Cargo air-craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Corrosive liquids, n.o.s	8	UN1760	I	II 8, 3	B2, B2, T11, TP2, TP27	None	202	243	1L	30L	C	25, 40
					II 8	A7, B10, T14, TP2, TP27	None	201	243	0.5L	2.5L	B	40
					II 8	B2, B2, T11, TP2, TP27	154	202	242	1L	30L	B	40
G	Corrosive liquids, oxidizing, n.o.s	8	UN3093	I	III 8	B3, T7, TP1, TP28	154	203	241	5L	60L	A	40
					I 8, 5.1	None	201	243	Forbidden	2.5L	C	89	
G	Corrosive liquids, toxic, n.o.s	8	UN2922	I	II 8, 5.1	B2	None	202	243	1L	30L	C	89
					I 8, 6.1	A7, B10, T14, TP2, TP13, TP27	None	201	243	0.5L	2.5L	B	40
G	Corrosive liquids, water-reactive, n.o.s	8	UN3094	I	II 8, 6.1	B3, B2, T7, TP2	None	202	243	1L	30L	B	40
					III 8, 6.1	B3, T7, TP1, TP28	154	203	241	5L	60L	B	40
G	Corrosive solid, acidic, inorganic, n.o.s	8	UN3260	I	II 8, 4.3	None	None	202	243	1L	5L	E
					I 8	IB7, IP1	None	211	242	1kg	25kg	B

Examples of Basic Descriptions

Acetone, 3, UN1090, PGII

Phosphoric acid solution, 8, UN1805, PGIII

On January 1, 2013, the sequence was altered to match the international sequence:

1. UN ID number
2. Proper shipping name
3. Hazard class
4. Packing group

Now the basic description for these chemicals is:

UN1090, Acetone, 3, PGII

UN1805, Phosphoric acid solution, 8, PGIII

Shipping Paper – HW Manifest

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

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							
		5. Generator's Name and Mailing Address						Generator's Site Address (if different than mailing address)							
Generator's Phone:		6. Transporter 1 Company Name						U.S. EPA ID Number							
		7. Transporter 2 Company Name						U.S. EPA ID Number							
Facility's Phone:		8. Designated Facility Name and Site Address						U.S. EPA ID Number							
		9a. HM						9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
				No.		Type									
GENERATOR		1.													
		2.													
		3.													
		4.													
		14. Special Handling Instructions and Additional Information													
		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						Signature			Month		Day	Year	
ER INT'L		16. International Shipments		<input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit: _____							
								Date leaving U.S.: _____							
		17. Transporter Acknowledgment of Receipt of Materials													

Uniform Hazardous Waste Manifest is the Shipping Paper For Hazardous Waste

- Select basic shipping description from the 172.101

Table by:

- Selecting proper shipping name (PSN)
- Hazard Class
- ID number
- Packing Group
- Total quantity being shipped
- If the PSN does not include the word “waste” & hazardous waste is being shipped the word waste must precede the proper shipping name

Uniform Hazardous Waste Manifest is the Shipping Paper For Hazardous Waste

- Shipping Paper Cont.
 - Provide Emergency Response Information
 - (E.R.G. # or MSDS form)
 - Emergency Response Telephone number, see 172.604
 - Monitored at all times the material is in transportation (until it is accepted at TSD)
 - Person must have knowledge of material being shipped & have comprehensive ER information of the material or immediate access to someone who has this knowledge.

Uniform Hazardous Waste Manifest is the Shipping Paper For Hazardous Waste

- Shipping Paper Cont.

- Generator Certification 172.204

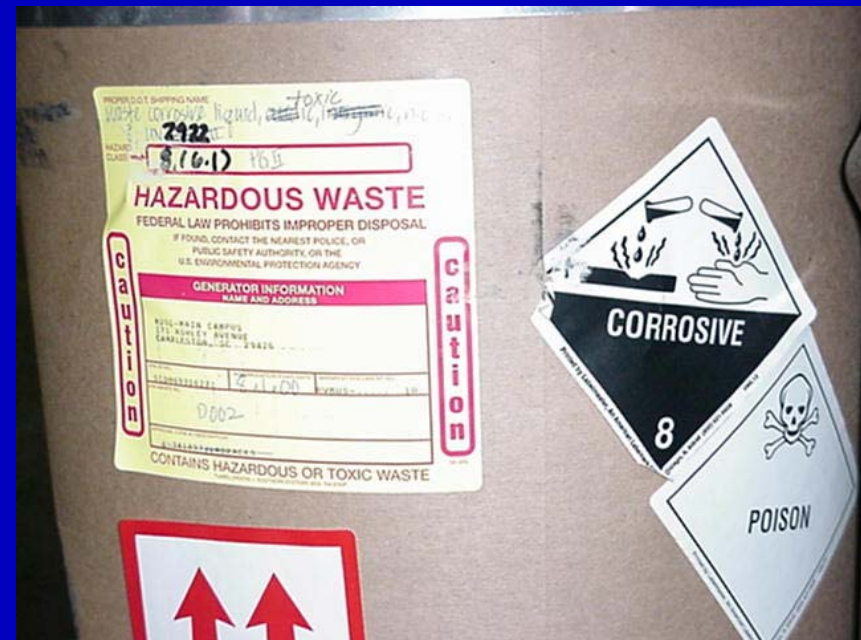
- By signing the manifest the generator is certifying the consignment is fully & accurately described by the proper shipping name, classified, packaged, marked, labeled, & in all respects in proper condition for transport...

DOT Requirements Applicable to Hazardous Waste Generator's

- General Non-Bulk Marking Requirements 172.301
 - For hazardous waste EPA marking required at 40 CFR 262.32 must be on package & include:
 - Generator's name & address, manifest document #, proper shipping description, technical names, special permit #
 - Other prescribed DOT markings shall be used, where required, such as package orientation arrows for liquids, inhalation hazard, marine pollutant for vessel transportation (where applicable), or Biohazard

DOT Non Bulk Package Marking

- DOT Hazard Warning Labels:
 - Same surface of package and near PSN
 - Primary & subsidiary labels, when required, must be next to each other (within 6 inches of each other)



DOT Non Bulk Package Markings

- Types of Markings:
 - EPA Marking
 - DOT Hazard Warning Labels
 - Package Orientation Arrows



Improper Packaging

Result of lithium
batteries that were not
packaged properly



Properly Packaged & In Proper Condition for Transportation?



Properly Packaged & In Proper Condition for Transportation?

- Must make sure package is closed in accordance with closure instructions
- In this case a plastic bung was used in place of a metal one



Properly Packaged & In Proper Condition for Transportation?

- Bung was not tightened
- Does not meet the minimum packaging standard at 49 CFR 173.24



Placarding

- General rules:
 - Must appear on all four faces of the tractor/trailer
 - Required for:
 - Bulk packaging regardless of quantity
 - Table 1 – Any quantity
 - Table 2 – Equals or exceeds 1001 lbs. or 454 Kg in non-bulk packaging or **any quantity** in bulk packaging
 - Joint responsibility of shipper and carrier
- 49 CFR 172.500

Placarding



DOT Requirements Applicable to Hazardous Waste Generator's

- Labeling Requirements - Subpart E
 - Label(s) selection, Column 6 of 172.101 Table
 - Label placement on package 172.406
 - Same surface of package and near PSN
 - Primary & subsidiary labels, when required, must be next to each other (within 6 inches of each other)
 - As of 10/1/05, all subsidiary labels must contain a hazard class or division number in the lower corner

DOT Requirements Applicable to Hazardous Waste Generator's

- Placarding Requirements - Subpart F
 - Placard selection, Column 3 of 172.101 Table
 - Generator's responsibility 172.506
 - Each person offering a motor carrier a hazardous material for transportation by highway shall provide to the motor carrier the required placards for the material being offered prior to or at the same time the material is offered for transportation, unless the carrier's motor vehicle is already placarded for the material as required by this subpart

DEP Vehicle Marking Requirements



Helpful Web Links

US DOT Pipeline & Hazardous Materials Safety Administration

<http://www.phmsa.dot.gov/hazmat>

- Regulations
- Interpretations
- Training resources
- Regional DOT contact information
- US DOT Hazardous Materials Information Center
800-467-4922 or phmsa.hm-infocenter@dot.gov

US DOT Federal Motor Carrier Safety Administration

<https://safer.fmcsa.dot.gov/CompanySnapshot.aspx>

Quick look at compliance & safety ratings of a transporter

Helpful Web Links

NJ DEP Transporter Registration Page

<http://www.nj.gov/dep/dshw/hwr/regislic/lru.htm>

- Go to drop down menu and select type of transporter you are looking for:
Report – Solid Waste Transporters (A-901 Licensed)
 Hazardous Waste Transporters (A-901 Licensed)
 Medical Waste Transporters

NJ DEP Transporter Compliance History via Data Miner

<http://www.nj.gov/dep/opra/online.html>

- Click on blue button on right “click here to launch DEP Data Miner”
Search by name of transporter. For questions navigating Data Miner
contact Liz Hennessey at (609) 292-6305 or
elizabeth.hennessey@dep.nj.gov

TOU Contacts & Areas of Knowledge

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