

# TEMARRY RECYCLING

## WASTE CODE CATEGORY GUIDE



Recycling is not a Luxury, it's a Necessity!

English Version

# TEMARRY RECYCLING

**Matt Songer, CEO**



I inherited my experience from my Grandfather who owned one of the few solvent recycling operations in the Los Angeles area for over 30 years prior to RCRA publication in 1976.

In the mid 80's my Grandfather decided to retire.

In continuing with the family tradition, I decided to open the facility in the border town of Tecate, Mexico to serve a growing Maquiladora Industry (US manufacturing operations located on the Mexican side of border towns) as well as the Southern California market.

Now with over 19 years of experience as Owner-Operator of Temarry Recycling and Recicladora Temarry, we have created one of the few True Recycling and Closed Loop recycling plants in the industry.

*Matt Songer*

CEO - Temarry Recycling

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# TEMARRY WASTE CATEGORY GUIDE

All profiles that are submitted and accepted by Temarry Recycling are issued a profile number and an Acceptance Letter. The Acceptance Letter designates a waste category that is determined by the information provided on the profile. The final waste category is not applied until after the waste is received and evaluated. All waste is invoiced for what is actually received. The category invoiced may or may not conform to the original Acceptance Letter estimate that was based on the profile submitted.

IA

## Description:

Thin liquid with the viscosity of solvent to oil. There is <6 inches of settled solids in the bottom of the drum. Examples are thinners, solvents and motor oil. BTU is >5000

## Sampling:

Coli-wasa easily penetrates to the bottom of the drum. Any settled solids are easily dispersed.



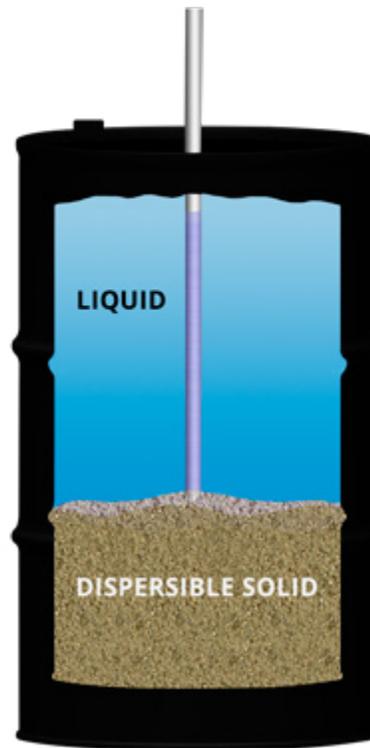
IB

**Description:**

Medium viscosity liquid such as honey or molasses. May be up to 50% settled solids or sludges that are dispersible. Settled portion will easily suspend back into liquid. The whole drum is pourable. Examples are: paint, spent solvents with settled solids and ink. BTU will be >5000

**Sampling:**

ColiWasa easily penetrates to the bottom of the drum. Any settled solids are easily dispersed.



IC

**Description:**

Same as IB except for up to 75% settled solids or sludge that is dispersible. BTU is <5000. Category is also used for <5000 BTU with no solids or sludge.

**Sampling:**

ColiWasa moves freely through the first 25% up to 50% of the drum. The rest of the method is like IB above.



ID

**Description:**

Description: Less than 25% free liquid. This sludge/dispersible solid material can be up to 100%. Can be non-pourable. No metal, debris or hard non dispersible solids. BTU is <5000.

**Sampling:**

ColiWasa should be able to reach the bottom of the drum with manual force. When the rod reaches the bottom of the drum it will remain stationary on its own.



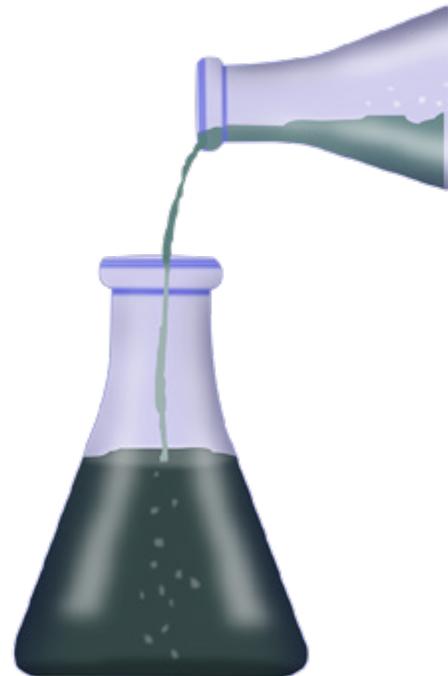
IA

**Corrosive:**

Description: Same as IA with a pH of  $\leq 3$  or  $\geq 11$

**Sampling:**

ColiWasa easily penetrates to the bottom of the drum. Any settled solids are easily dispersed.



IC

**Corrosive:**

Description: Flammable liquid with >15% sludge/dispersible solids and <75% sludge/dispersible solids. pH is = /<3 or = />11  
BTU <5000 = /<3 or = <11

**Sampling:**

Coliwasa should be able to reach the bottom of the drum with manual force. When the rod reaches the bottom of the drum it will remain stationary on its own.



IE

**Commodity Pack:**

Description: smaller containers of liquid packaged inside of a larger container. All inner containers must be "like" material as in the same hazard class. Material in smaller containers will be >5000 BTU, pH of 4-9 and not contain isocyanates, styrenes, asphalt or adhesives.

**Sampling:**

All inner containers must be labeled or identified in some way. All material must be identified on profile. Inventory sheets may or may not be used. Samplers will verify that containers match approved profile.



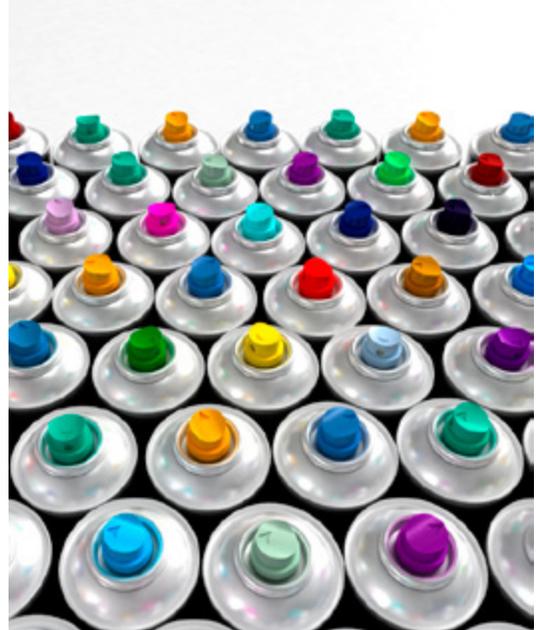
IF

### **Aerosol Cans:**

Description: Flammable liquid not exceeding 1L capacity.  
No pesticides, no halogens

### **Sampling:**

Visual inspection to confirm that waste matches profile.



ISO

### **Description:**

Bulk DOT approved container containing isocyanates, styrenes, asphalt or adhesives. Will contain <15% sludge/dispersible solids.

### **Sampling:**

Sampler will confirm that waste matches approved profile.



ISO

**COM:**

Description: Any commodity pack as described above that contains any of the items listed under ISO.

**Sampling:**

All inner containers must be labeled or identified in some way. All material must be identified on profile. Inventory sheets may or may not be used. Samplers will verify that containers match approved profile.



IIA

**Description:**

Description: Oil with Basic Sediment and Water (BSW) <2%.

**Sampling:**

Coli-wasa easily penetrates to the bottom of the drum. Any settled solids with <2 inches of settled solids.



IIB

**DESCRIPTION:**

Description: Oil with <10% sediment and <10% water. Water may be phase separated or emulsified.

**Sampling:**

Sampler will use a Coliwasa tube to pull sample. Will measure water phase of oil. Will measure settled sludge. Will check specific gravity to estimate emulsified water.



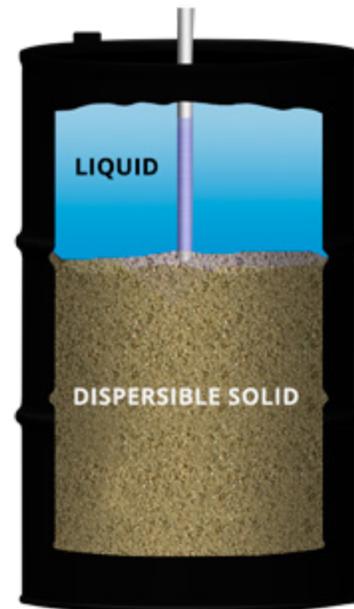
IIC

**Description:**

Description: Oil with water content >10% up to 99%. Can have sediment up to 50%. Category is also for heavy grease.

**Sampling:**

Sampler will use Coliwasa tube to measure water phase and determine sediment. Rod will move freely through AT LEAST the first 50% of drum. Rod can push through with moderate force to the bottom of the drum.



IID

**Description:**

Same as IIC with >50% sediment up to 100%. Will have characteristics of oily sludge.

**Sampling:**

Same as IIC above with >50% sediment.



IIIA

**Description:**

Description: Non RCRA or non-hazardous water based waste with <15% settled solids. Example is ethylene glycol/water mixture.

**Sampling:**

Same as IA. Coliwasa should easily go to the bottom of the drum with no resistance.



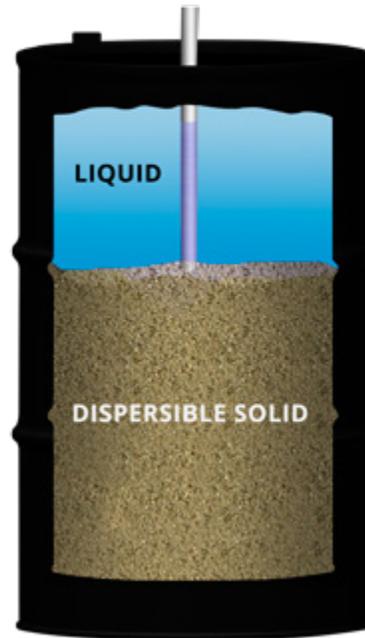
IIIB

**Description:**

Same as IIIA with up to 50% sediment. Example is latex paint.

**Sampling:**

Coliwasa easily penetrates to the bottom of the drum. Any settled solids are easily dispersed.



IIIC

**Description:**

Same as IIIA with up to 100% sediment. Free liquid will range from 0-50%

**Sampling:**

Same as ID method. Rod should be able to go to the bottom of the drum with manual force. Rod will stand on its own.



IIIE

**Description:**

Description:  
Commodity pack for non RCRA includes latex paint, antifreeze and other non RCRA liquids.

**Sampling:**

All inner containers must be labeled or identified in some way. All material must be identified on profile. Inventory sheets may or may not be used. Samplers will verify that containers match approved profile.



IVA-IVE

**Description:**

Description: Organic dry solids that have RCRA code(s) for solvents or other organics. Examples are wipes, rags, PPE, paper and cardboard. May contain dry chunks such as cured resin or other organics.

**Sampling:**

With gloved hand or probe, sift through debris to confirm that waste matches profile. Weigh container. Category IVA-IVE will be assigned based on weight.



# BENEFITS TO OUR CUSTOMERS

Temarry Recycling Inc., is the first licensed company in the United States to be able to recycle for reuse both Mexican and American hazardous waste. We offer a "TRUE RECYCLING" option for our customers by recycling hazardous waste and turning it back into on site reusable energy.



Reducing the impact that hazardous waste has on the environment is one of Temarry's top priorities.

Here's a simple example of how Temarry can help reduce your Carbon Footprint.

## Carbon Footprint from Los Angeles to Temarry

### Carbon Footprint Formula

Miles Driven / 6 MPG x 2.77kg Per Gallon = Amount of Carbon Footprint

 300 Miles

 50 Gallons

✓ 139 kgs

## Carbon Footprint from Los Angeles to Arkansas

 3,400 Miles

 567 Gallons

✗ 1,570 kgs

# WE HAVE THE RIGHT SOLUTION FOR YOU!

Companies are mandated to progress in all that they are tasked with. Increase revenue, reduce costs and while you're at it reduce greenhouse gasses. When you finish with that find a way to turn our unusable byproduct into commodities that will help to sustain the environment.

Temarry Recycling can't help too much with the revenue task but we can be part of the solution for everything else on the list. For too many years the standard method of managing waste organic solids and flammable solvents has been to send them off to the Midwest for fuel blending. Fuel blending is good, but companies can do better by being willing to consider a better way. Efficiency and sustainability will drive down costs. That's the way it's supposed to work.

**TEMARRY RECYCLING CAN PROVIDE  
YOUR COMPANY WITH A BETTER WAY!**

Let us show you a more cost effective solution for your disposal needs.

**CONTACT US**