BWR_BASIC

English Name	EPA Handler ID **(Primary Key)**
Oracle Name	HANDLER_ID
Foreign Key	Foreign key to HANDLER_ID in HHANDLER2.
Description	Unique RCRA identification number assigned by the implementing State or Region to each RCRA site (e.g., generators; transporters; and treatment, storage, disposal facilities).
Data Type and Length	VARCHAR2 (12)
Allowed Values	Valid ID as outlined below:
	The ID can be a minimum of 4 characters and a maximum of 12 characters.
	The first two characters must be a valid state postal code which corresponds to the state in which the handler is located.
	Spaces are not allowed.
Default Value	
Notes	Handlers associated with Navajo Nation should be assigned Handler IDs beginning with "NN" regardless of where the handler is physically located.

English Name	Activity Location **(Primary Key)**
Oracle Name	ACTIVITY_LOCATION
Foreign Key	Foreign key to ACTIVITY_LOCATION in HHANDLER2.
Description	Indicates the location of the agency regulating the handler.
Data Type and Length	CHAR (2)
Allowed Values	State postal code
Default Value	Location associated with the current user ID.
Notes	For a list of valid state postal codes, refer to the Column Information Report for LU_STATE.

English Name	Source Type **(Primary Key)**
Oracle Name	SOURCE_TYPE
Foreign Key	Foreign key to SOURCE_TYPE in HHANDLER2.
Description	Code indicating the source of information for the associated data (activity, wastes, etc.).
Data Type and Length	CHAR (1)
Allowed Values	B Annual/Biennial Report updated with Notification
	R Annual/Biennial Report
Default Value	

English Name	Handler Sequence Number **(Primary Key)**
Oracle Name	SEQ_NUMBER
Foreign Key	Foreign key to SEQ_NUMBER in HHANDLER2.
Description	Sequence number for each source record about a handler.
Data Type and Length	NUMBER (6.0)
Allowed Values	1 - 999999

BWR_BASIC

Default Value

English Name	Hazardous Waste Stream Form WR Page Number **(Primary Key)**
Oracle Name	HZ_PG
Description	Page number of the form used to enter the information in the Stream segment and all child segments of Stream.
Data Type and Length	NUMBER (5.0)
Allowed Values	0 - 99999
Default Value	

English Name	Form WR Waste Subpage Number **(Primary Key)**
Oracle Name	SUB_PG_NUM
Description	Form WR subpage sequence number.
Data Type and Length	NUMBER (1.0)
Allowed Values	1, 2, or 3
Default Value	

English Name	Reporting Cycle Year
Oracle Name	REPORT_CYCLE
Foreign Key	Foreign key to YEAR in BREPORT_CYCLE.
Description	The year for which biennial report data was collected.
Data Type and Length	NUMBER (4.0)
Allowed Values	If Source Type equals "B" or "R" then Reporting Cycle Year must be provided.
	Valid four-digit biennial report cycle year beginning with 1989.
	blank Not provided
Default Value	blank

BWR_BASIC

English Name	Include in National Report
Oracle Name	INCLUDE_IN_NATIONAL_REPORT
Description	A flag indicating whether the record is to be included in the National Biennial RCRA Hazardous Waste Report.
Data Type and Length	CHAR (1)
Allowed Values	N No
	U Unknown
	Y Yes
Default Value	
Notes	All cycles prior to 2001 have a value of U-Unknown for the Include In National Report flag. For cycles including and after 2001, the Include In National Report flag is Y (yes) or N (no).

English Name	TDR Identification Number
Oracle Name	IO_TDR_ID
Description	Number assigned by EPA or the state that uniquely identifies the generating site. If the generating site is regulated under federal RCRA requirements, this ID number must be the EPA Identification Number. If the facility is not regulated under the federal program, state or other ID number will be entered.
Data Type and Length	VARCHAR2 (12)
Allowed Values	The first two characters must be a valid state postal code corresponding to the state in which the facility is located.
	The allowed values for the third digit are: 0-9 and A-Z
	The allowed values for the last nine characters are numeric (0-9)
	For Dunn and Bradstreet EPA IDs the last character is a computer verified check digit.
	For GSA EPA IDs the third character is a computer verified check digit.
Default Value	

English Name	TDR Quantity
Oracle Name	IO_TDR_QTY
Description	The total quantity of the waste described that was received during the current reporting year.
Data Type and Length	NUMBER (18.7)
Allowed Values	0.0 - 99999999999.9999999
Default Value	

BWR_BASIC

English Name	Unit of Measure Code Owner
Oracle Name	UOM_OWNER
Foreign Key	Foreign key to OWNER in LU_BR_UOM.
Description	Indicates the agency that owns the data record.
Data Type and Length	CHAR (2)
Allowed Values	HQ Nationally defined and required
Default Value	

English Name	Unit of Measure Code
Oracle Name	UNIT_OF_MEASURE
Foreign Key	Foreign key to UNIT_OF_MEASURE_CODE in LU_BR_UOM.
Description	Unit of measure used to report quantity of the waste stream received by a site (Form WR) or generated by a site (Form GM).
Data Type and Length	CHAR (1)
Allowed Values	Existing nationally defined values:
	1 pounds
	2 short tons (2,000 pounds)
	3 kilograms
	4 metric tonnes (1,000 kilograms)
	5 gallons
	6 liters
	7 cubic yards
Default Value	
Notes	See Density Unit of Measure Code for corresponding unit of measure (pounds/gallon or specific gravity).

English Name	Waste Density
Oracle Name	WST_DENSITY
Description	Density of the waste stream in pounds/gallons or specific gravity.
Data Type and Length	NUMBER (5.2)
Allowed Values	(See DENSITY_UNIT_OF_MEASURE).
	0 or 0.01 - 999.99 Used if waste was measured in gallons, liters, or cubic yards.
	blank Used if waste was measured in pounds, short tons, kilograms, or metric tons.
Default Value	

English Name	Density Unit of Measure Code Owner
Oracle Name	DENSITY_UOM_OWNER
Foreign Key	Foreign key to OWNER in LU_DENSITY_UOM.
Description	Indicates the agency that owns the data record.
Data Type and Length	CHAR (2)

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Allowed Values	If Density Unit of Measure Code is provided then Density Unit of Measure Code Owner must be provided.
	If Density Unit of Measure Code is not provided then Density Unit of Measure Code Owner must be blank.
	HQ Nationally defined and required
	blank Not provided
Default Value	blank

English Name	Density Unit of Measure Code
Oracle Name	DENSITY_UNIT_OF_MEASURE
Foreign Key	Foreign key to DENSITY_UNIT_OF_MEASURE in LU_DENSITY_UOM.
Description	Code denoting the unit of measure of the density of the waste stream, used in conjunction with the reported quantity of the waste stream received by a site (Form WR) or generated by a site (Form GM).
Data Type and Length	CHAR (1)
Allowed Values	If Waste Density is provided then Density Unit of Measure Code must be provided.
	If Waste Density is not provided then Density Unit of Measure Code must be blank.
	Existing nationally defined values:
	1 pounds/gallons
	2 specific gravity
	blank not a volumetric unit of measure
Default Value	

English Name	Received Tons
Oracle Name	RECEIVED_TONS_CALC
Description	The total quantity of the waste described that was received during the current reporting year, converted to tons.
Data Type and Length	NUMBER (18.7)
Allowed Values	0.0 - 99999999999.9999999
Default Value	

English Name	Waste Form Code Owner
Oracle Name	FORM_CODE_OWNER
Foreign Key	Foreign key to OWNER in LU_FORM_CODE2.
Description	Indicates the agency that defines the waste form code.
Data Type and Length	CHAR (2)
Allowed Values	US Nationally defined and not required
Default Value	

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English Name	Waste Form Code
Oracle Name	FORM_CODE
Foreign Key	Foreign key to FORM_CODE in LU_FORM_CODE2.
Description	The code describing the physical form or chemical composition of a hazardous waste. Form codes indicate whether the waste is a specific type of lab pack, sludge, gas, solid, or liquid.
Data Type and Length	VARCHAR2 (4)
Allowed Values	Valid value in LU_FORM_CODE2.

Existing nationally defined values:

W001	Mixed Media/Debris/Devices - Lab packs with no acute hazardous waste
W002	Mixed Media/Debris/Devices - Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, other solids
W004	Mixed Media/Debris/Devices - Lab packs containing acute hazardous waste
W101	Inorganic Liquids - Very dilute aqueous waste containing more than 99% water
W103	Inorganic Liquids - Spent concentrated acid
W105	Inorganic Liquids - Acidic aqueous wastes less than 5% acid
W107	Inorganic Liquids - Aqueous waste containing cyanides
W110	Inorganic Liquids - Caustic aqueous waste without cyanides
W113	Inorganic Liquids - Other aqueous waste or wastewaters
W117	Inorganic Liquids - Waste liquid mercury
W119	Inorganic Liquids - Other inorganic liquid (specify in comments)
W200	Organic Liquids - Still bottoms in liquid form
W202	Organic Liquids - Concentrated halogenated (e.g., chlorinated) solvent
W203	Organic Liquids - Concentrated non-halogenated (e.g., non-chlorinated) solvent
W204	Organic Liquids - Concentrated halogenated/non-halogenated solvent mixture
W205	Organic Liquids - Oil-water emulsion or mixture
W206	Organic Liquids - Waste oil
W209	Organic Liquids - Paint, ink, lacquer, or varnish
W210	Organic Liquids - Reactive or polymerizable organic liquids and adhesives
W211	Organic Liquids - Paint thinner or petroleum distillates
W219	Organic Liquids - Other organic liquid (specify in comments)
W301	Mixed Media/Debris/Devices - Contaminated soil
W303	Inorganic Solids - Ash
W304	Inorganic Solids - Slags, drosses, and other solid thermal residues
W307	Inorganic Solids - Metal scale, filings and scrap (including metal drums)
W309	Mixed Media/Debris/Devices - Batteries, battery parts, cores, casings
W310	Mixed Media/Debris/Devices - Filters, solid adsorbents, ion exchange resins and spent carbon
W312	Inorganic Solids - Cyanide or metal cyanide bearing solids, salts or chemicals

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W316   Inorganic Solids - Metal salts or chemicals not containing cyanides
W319   Inorganic Solids - Other inorganic solids (specify in comments)
W320   Mixed Media/Debris/Devices - Electrical devices (lamps, thermostats, CRTs, etc.)
W401   Organic Solids - Pesticide solids
W403   Organic Solids - Solid resins, plastics or polymerized organics
W405   Organic Solids - Explosives or reactive organic solids
W409   Organic Solids - Other organic solids (specify in comments)
W501   Inorganic Sludges - Lime and/or metal hydroxide sludges and solids with no cyanides
W503   Inorganic Sludges - Gypsum sludges from wastewater treatment or air pollution control
W504   Inorganic Sludges - Other sludges from wastewater treatment or air pollution control
W505   Inorganic Sludges - Metal bearing sludges (including plating sludge) not containing cyanides
W506   Inorganic Sludges - Cyanide-bearing sludges
W512   Mixed Media/Debris/Devices - Sediment or lagoon dragout, drilling or other muds
W519   Inorganic Sludges - Other inorganic sludges (specify in comments)
W603   Organic Sludges - Oily sludge
W604   Organic Sludges - Paint or ink sludges, still bottoms in sludge form
W606   Organic Sludges - Resins, tars, polymer or tarry sludge
W609   Organic Sludges - Other organic sludge (specify in comments)
W801   Mixed Media/Debris/Devices - Compressed gases

Default Value Notes

Form Code Group descriptions:

Mixed Media/Debris/Devices - Waste that is a mixture of organic and inorganic wastes, liquid and solid wastes, or devices that are not easily categorizable

Inorganic Liquids - Waste that is primarily inorganic and highly fluid (e.g., aqueous), with low suspended inorganic solids and low organic content

Organic Liquids - Waste that is primarily organic and is highly fluid, with low inorganic solids content and low-to-moderate water content

Inorganic Solids - Waste that is primarily inorganic and solid, with low organic content and low-to-moderate water content; not pumpable

Organic Solids - Waste that is primarily organic and solid, with low-to-moderate inorganic content and water content; not pumpable

Inorganic Sludges - Waste that is primarily inorganic, with moderate-to-high water content and low organic content; mostly pumpable

Organic Sludges - Waste that is primarily organic with low-to-moderate inorganic solids content and water content; pumpable

BWR_BASIC

English Name	Radioactive Mixture Owner
Oracle Name	RADIOACTIVE_OWNER
Foreign Key	Foreign key to OWNER in LU_RADIOACTIVE_MIXTURE.
Description	Indicates the agency that owns the data record.
Data Type and Length	CHAR (2)
Allowed Values	State postal code

01 - 10   Region
HQ   Nationally defined and required
US   Nationally defined and not required

Default Value	
Notes	Beginning with the 2003 BR Cycle, information for this field is no longer being collected.

English Name	Radioactive Mixture
Oracle Name	RADIOACTIVE_MIX
Foreign Key	Foreign key to RADIOACTIVE_MIX in LU_RADIOACTIVE_MIXTURE.
Description	This field indicates whether the waste includes or has been mixed with nuclear source, special nuclear, or by-product material.
Data Type and Length	CHAR (1)
Allowed Values	Existing nationally defined values:

1   The waste is a radioactive mixture
2   The waste is not a radioactive mixture
8   Don't know (prior to 1997)

Default Value	

English Name	Management Method Code Owner
Oracle Name	MANAGEMENT_METHOD_OWNER
Foreign Key	Foreign Key to OWNER in LU_MANAGEMENT_METHOD.
Description	Indicates the agency that owns the data record.
Data Type and Length	CHAR (2)
Allowed Values	HQ Nationally defined and required
Default Value	

English Name	Management Method Code
Oracle Name	MANAGEMENT_METHOD
Foreign Key	Foreign key to MANAGEMENT_METHOD in LU_MANAGEMENT_METHOD.
Description	Management method code for the on-site management, off-site management, or generated residual waste of the waste stream. The management method is the method used to separate, store, treat, process, recover, or dispose of hazardous waste.
Data Type and Length	CHAR (4)
Allowed Values	Existing nationally defined values:

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H010	Reclamation and Recovery - Metals recovery including retorting, smelting, chemical, etc.
H020	Reclamation and Recovery - Solvents recovery
H039	Reclamation and Recovery - Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc.
H040	Destruction or Treatment Prior to Disposal at Another Site - Incineration; thermal destruction other than use as a fuel
H050	Reclamation and Recovery - Energy recovery at this site; use as fuel (includes on-site fuel blending)
H061	Reclamation and Recovery - Fuel blending prior to energy recovery at another site
H071	Destruction or Treatment Prior to Disposal at Another Site - Chemical reduction with or without precipitation
H073	Destruction or Treatment Prior to Disposal at Another Site - Cyanide destruction with or without precipitation
H075	Destruction or Treatment Prior to Disposal at Another Site - Chemical oxidation
H076	Destruction or Treatment Prior to Disposal at Another Site - Wet air oxidation
H077	Destruction or Treatment Prior to Disposal at Another Site - Other chemical precipitation with or without pre-treatment
H081	Destruction or Treatment Prior to Disposal at Another Site - Biological treatment with or without precipitation
H082	Destruction or Treatment Prior to Disposal at Another Site - Adsorption
H083	Destruction or Treatment Prior to Disposal at Another Site - Air or steam stripping
H101	Destruction or Treatment Prior to Disposal at Another Site - Sludge treatment and/or dewatering
H103	Destruction or Treatment Prior to Disposal at Another Site - Absorption
H111	Destruction or Treatment Prior to Disposal at Another Site - Stabilization or chemical fixation prior to disposal at another site
H112	Destruction or Treatment Prior to Disposal at Another Site - Macro-encapsulation prior to disposal at another site
H121	Destruction or Treatment Prior to Disposal at Another Site - Neutralization only
H122	Destruction or Treatment Prior to Disposal at Another Site - Evaporation
H123	Destruction or Treatment Prior to Disposal at Another Site - Settling or clarification
H124	Destruction or Treatment Prior to Disposal at Another Site - Phase separation
H129	Destruction or Treatment Prior to Disposal at Another Site - Other treatment (specify in comments)
H131	Disposal - Land treatment or application (to include on-site treatment and/or stabilization)
H132	Disposal - Landfill or surface impoundment that will be closed as landfill (to include on-site treatment and/or stabilization)
H134	Disposal - Deepwell or underground injection (with or without treatment)
H135	Disposal - Discharge to sewer/POTW or NPDES (with prior storage - with or without treatment)
H139	Disposal - Other Disposal
H141	Storage and Transfer - Storage, bulking, and/or transfer off site - no treatment/recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at this site

Default Value

English Name	Waste Description - Narrative
Oracle Name	DESCRIPTION
Description	A narrative description of the waste citing general type, source, type of hazard, and generic chemical name or primary hazardous constituents.
Data Type and Length	VARCHAR2 (240)
Allowed Values	Any non-blank value
Default Value	

BWR_BASIC

English Name	User ID of Last Change
Oracle Name	USERID
Description	Records the user ID of the last person to change the data.
Data Type and Length	VARCHAR2 (6)
Allowed Values	Valid user ID
Default Value	Current user ID

English Name	Date of Last Change
Oracle Name	LAST_CHANGE
Description	Records the date that the data was last changed.
Data Type and Length	DATE
Allowed Values	Valid date/time stamp
Default Value	Current date and time

English Name	Notes
Oracle Name	NOTES
Description	Additional description of the WR Form.
Data Type and Length	VARCHAR2 (100)
Allowed Values	Any value blank Not provided
Default Value	blank

* End of Report *