**Section 609.APPENDIX A Electronic Data Transmission**

**Section 609.TABLE A-2 Data element definitions**

TABLE A-2

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| NAME | DEFINITION | FIELD SIZE | DECIMAL PLACES | FIELD TYPE | FIELD FORMAT | USAGE CODE | CODE DESCRIPTION |
| ACT\_SHIP | The actual shipment date of a LLRW shipment. | 8 | 0 | Numeric (Date) | YYYYMMDD | N/A | N/A |
| ACTVY\_MEAS | The units used to measure activity (Curies or Millicuries, Microcuries, Becquerels, Terrabecquerels, Gigabecquerels, Megabecquerels, Kilobecquerels) | 1 | 0 | Alpha-Numeric | X | C | Curies |
|  |  |
| M | Millicuries |
|  |  |
| U | Microcuries |
|  |  |
| B | Becquerels |
|  |  |
| T | Terrabecquerels |
|  |  |
| G | Gigabecquerels |
|  |  |
| E | Megabecquerels |
|  |  |
| K | Kilobecquerels |
| ACTVY \_ SIGN | Indicates whether the activity number is a less than value. | 1 | 0 | Alpha-Numeric | X | < | Activity value is less than number shown. |
|  |  |
| (blank) | Alpha amount is the number shown. |
| ALPHA\_SIGN | Indicates whether the Container Alpha (CNTR\_ALPHA) number is a less than value | 1 | 0 | Alpha-Numeric | X | < | Alpha amount is the number shown. |
|  |  |
| (blank) | Alpha amount is the number shown. |
| BETA\_SIGN | Indicates whether the Container Beta (CNTR\_BETA) number is a less than value. | 1 | 0 | Alpha-Numeric | X | < | Beta amount less than number shown. |
|  |  |
| (blank) | Beta amount is the number shown. |
| C14\_ACT | The total activity of C-14 within a LLRW shipment. Unit of measure is the manifest record's ACTVY\_MEAS value. | 24 | 10 | Scientific | 9.9999E99 | N/A | N/A |
| CARRIER\_CD | Carrier Code | 2 |  | Alpha-Numeric | X(2) | N/A | N/A |
| CARRIER\_NAME | Carrier Name | 50 |  | Alpha-Numeric | X(50) | N/A | N/A |
| CARRIER\_ADDR1 | Carrier Address 1 | 50 |  | Alpha-Numeric | X(50) | N/A | N/A |
| CARRIER\_ADDR2 | Carrier Address 2 | 50 |  | Alpha-Numeric | X(50) | N/A | N/A |
| CARRIER\_CITY | Carrier City | 50 |  | Alpha-Numeric | X(50) | N/A | N/A |
| CARRIER\_STATE | Carrier State | 2 |  | Alpha-Numeric | X(2) | N/A | N/A |
| CARRIER\_ZIP | Carrier Zip Code | 5 |  | Alpha-Numeric | X(5) | N/A | N/A |
| CARRIER\_ZIP4 | Carrier ZIP Suffix | 4 |  | Alpha-Numeric | X(4) | N/A | N/A |
| CARRIER\_  CONTACT | Carrier Contact | 50 |  | Alpha-Numeric | X(50) | N/A | N/A |
| CARRIER\_PHONE | Carrier Phone | 20 |  | Alpha-Numeric | X(20) | N/A | N/A |
| CERT\_NUM | An NRC or host state certificate of compliance number. Refers to a specific container type, i.e., High Integrity Container. | 16 | 0 | Alpha-Numeric | X(16) | N/A | N/A |
| CHE\_AGENT1 | The primary chelating agent used in a LLRW waste type. | 16 | 0 | Alpha-Numeric | X(16) | N/A | N/A |
| CHE\_AGENT2 | The secondary chelating agent used in a LLRW waste type. | 16 | 0 | Alpha-Numeric | X(16) | N/A | N/A |
| CHE\_PCT1 | The percentage of the primary chelating agent by weight of waste. | 5 | 2 | Numeric | 999.99 | N/A | N/A |
| CHE\_PCT2 | The percentage of the secondary chelating agent by weight of waste. | 5 | 2 | Numeric | 999.99 | N/A | N/A |
| CHEM\_FORM | A description of the chemical form of a specific radionuclide within a container. | 25 | 0 | Alpha-Numeric | X(25) | N/A | N/A |
| CNSGNEE\_ID | The Tracking System Permit number assigned to the receiving facility of a LLRW shipment. | 6 | 0 | Alpha-Numeric | XX9999 |  | Positions 1-2: State abbreviation  Positions 3-6: Sequential number for permits in that state. |
| CNSGNOR\_ID | The Tracking System Permit number assigned to the sending facility of a LLRW shipment. | 6 | 0 | Alpha-Numeric | XX9999 |  | Positions 1-2: State abbreviation  Positions 3-6: Sequential number for permits in that state. |
| CNTR\_ACTVY | The total activity of all waste within a LLRW container. Units of measure are indicated by the record's ACTVY\_MEAS value. | 24 | 10 | Scientific | 9.9999E99 | N/A | N/A |
| CNTR\_ALPHA | The surface contamination of a LLRW container in alpha disintegrations per minute: (dpm)/100 cm2. | 5 | 0 | Numeric | 99999 | N/A | N/A |
| CNTR\_BETA | The surface contamination of a container in beta disintegrations per minute: (dpm)/100 cm2. | 5 | 0 | Numeric | 99999 | N/A | N/A |
| CNTR\_NUM | The unique identification number assigned to each LLRW container within a shipment. | 16 | 0 | Alpha- Numeric | X(16) | N/A | N/A |
| CNTR\_TYPE | A code identifying the container type of a LLRW container. | 3 | 0 | Alpha- Numeric | XXX | BUW | Bulk unpackaged waste |
|  |  |
| CTL | Concrete tank or liner |
|  |  |
| DMZ | Demineralizer |
|  |  |
| FBB | Fiberboard box |
|  |  |
| FBD | Fiber drum |
|  |  |
| FTL | Fiberglass tank |
|  |  |
| GCY | Gas cylinder |
|  |  |
| HIC | High integrity container |
|  |  |
| MBC | Metal box or crate |
|  |  |
| MDP | Metal drum or pail |
|  |  |
| MTL | Metal tank or liner |
|  |  |
| OTH | Other |
|  |  |
| PDP | Plastic drum or pail |
|  |  |
| PLT | Pallet |
|  |  |
| PTL | Polyethylene tank |
|  |  |
| SLC | Sealand container |
|  |  |
| UNP | Unpacked components |
|  |  |
| WBC | Wooden box or crate |
| CNTR\_VOL | The total volume (outside dimension) of a LLRW container, in cubic feet. | 7 | 2 | Numeric | 99999.99 | N/A | N/A |
| CNTR\_WGT | The total weight of a LLRW container, including the contents, in pounds. | 5 | 0 | Numeric | 99999 | N/A | N/A |
| COMB\_VOL | The post-consolidation volume of a container. | 7 | 2 | Numeric | 99999.99 | N/A | N/A |
| DOT\_LABEL | The USDOT label which applies to a LLRW container. | 1 | 0 | Numeric | 9 | 0 | Empty |
|  |  |
| 1 | White-I |
|  |  |
| 2 | Yellow-II |
|  |  |
| 3 | Yellow-III |
|  |  |
| 4 | Oxidizer |
|  |  |
| 5 | Spontaneously combustible |
|  |  |
| 6 | Corrosive |
|  |  |
| 7 | N/A |
| DOT\_UN\_ID | The identification number for the proper shipping name of a LLRW container. | 6 | 0 | Alpha-Numeric | XXXXXX | UN1219 | Isopropanol or Isopropyl alcohol |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN1280 | Propylene oxide |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN1325 | Flammable solids, organic, n.o.s. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN1595 | Dimethyl sulfate |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN1671 | Phenol, solid |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN1987 | Alcohols, n.o.s. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN1993 | Flammable liquid, n.o.s. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2029 | Hydrazine, anhydrous |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2908 | Radioactive material, excepted package − emptying packaging |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2909 | Radioactive material, excepted package − articles manufactured from natural uranium or depleted uranium or thorium |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2910 | Radioactive material, excepted package – empty package |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2911 | Radioactive material, excepted package – instruments or articles |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2912 | Radioactive material, low specific activity (LSA-I) non- fissile or fissile-excepted |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2913 | Radioactive material, surface contaminated object (SCO-I or SCO-II) non- fissile or fissile-excepted |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2915 | Radioactive material, Type A package non-special form, non-fissile or fissile-excepted |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2916 | Radioactive  material, Type B (U) package non-fissile or fissile-excepted |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2917 | Radioactive material, Type B (M) package non-fissile or fissile-excepted |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2919 | Radioactive material, transported under special arrangement, non-fissile or fissile-excepted |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2924 | Flammable liquids, corrosive, n.o.s. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2928 | Toxic solids, corrosive, organic, n.o.s. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2977 | Radioactive material, uranium hexafluoride, fissile |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN2978 | Radioactive material, uranium hexafluoride, non-fissile or fissile-excepted |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3071 | Mercaptans, liquid, toxic, flammable, n.o.s. or Mercaptan mixtures, liquid, toxic, flammable, n.o.s., flash point not less than 23 degrees |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3077 | Environmentally hazardous substances, solid, n.o.s. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3084 | Corrosive solids, oxidizing, n.o.s. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3224 | Self-reactive solid type C |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3265 | Corrosive liquid, acidic, organic, n.o.s. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3286 | Flammable liquid, toxic, corrosive, n.o.s. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3321 | Radioactive material, low specific activity (LSA-II) non- fissile or fissile-excepted |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3322 | Radioactive material, low specific activity (LSA-III) non- fissile or fissile- excepted |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3327 | Radioactive material, Type A package, fissile non-special form |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3328 | Radioactive material, Type B (U) package, fissile |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3329 | Radioactive material, Type B (M) package, fissile |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3331 | Radioactive material, transported under special arrangement, fissile |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3332 | Radioactive material, Type A package, special form non-fissile or fissile-excepted |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3333 | Radioactive material, Type A package, special form, fissile |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3399 | Organometallic substance, liquid, water-reactive, flammable |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UN3439 | Nitriles, toxic, solid, n.o.s. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | UNEXMT | Exempt packaging |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| EPA\_MANIF | The EPA manifest number assigned to a LLRW shipment which has EPA regulated waste. | 12 | 0 | Alpha- Numeric | X(12) | N/A | N/A |
| EXCLUS\_USE | A flag indicating whether a LLRW shipment is an exclusive use shipment, i.e., a shipment which cannot be opened after shipment except by the consignee. | 1 | 0 | Alpha- Numeric | X | T | True |
|  |  |
| F | False |
|  |  |
| Y | Yes |
|  |  |
| N | No |
|  |  |
| H3\_ACT | The total activity of H-3 within a LLRW shipment. Unit of measure is indicated by record's ACTVY\_MEAS value. | 24 | 10 | Scientific | 9.9999E99 | N/A | N/A |
| I129\_ACT | The total activity of I-129 within a LLRW shipment. Unit of measure is indicated by record's ACTVY\_MEAS value. | 24 | 10 | Scientific | 9.9999E99 | N/A | N/A |
| LSA\_SCO | The group notation for a shipment of Low Specific Activity material or Surface Contaminated Objects. | 4 | 0 | Alpha-Numeric | XXXX | LSA1 | Low Specific Activity − I |
|  |  |
| LSA2 | Low Specific Activity − II |
|  |  |
| LSA3 | Low Specific Activity − III |
|  |  |
| SCO1 | Surface Contaminated Objects − I |
|  |  |
| SCO2 | Surface Contaminated Objects − II |
|  |  |
| N/A | N/A |
| MANIF\_NUM | The unique number assigned to a LLRW shipment by the sending or receiving facility | 13 | 0 | Alpha- Numeric | X(13) | N/A | N/A |
| NUCL\_ACTVY | The activity level for a specific radionuclide within a given LLRW container. Units of measure indicated by the record's ACTVY\_MEAS value. | 24 | 10 | Scientific | 9.9999E99 | N/A | N/A |
| OP\_FLAG | A logical flag indicating whether a LLRW container requires disposal in an approved structural overpack. | 1 | 0 | Alpha- Numeric | X | T | True |
|  |  |
| F | False |
|  |  |
| Y | Yes |
|  |  |
| N | No |
| PCT\_SIGN | Indicates whether the radionuclide percentage (RADIO\_PCT) number is a less than value. | 1 | 0 | Alpha- Numeric | X | < | Percent amount is less than the number given. |
|  |  |
| (blank) | Percent amount is the number given. |
| PERMIT\_NUM | The Tracking System permit number assigned to the holding facility of a LLRW container. | 6 | 0 | Alpha- Numeric | XX9999 | N/A | Positions 1-2: State abbreviation.  Positions 3-6: Sequential number for permits in that state. |
| PHYS\_FORM | A code indicating the physical form of LLRW within the container. | 1 | 0 | Alpha- Numeric | X | G | Gas |
|  |  |
| L | Liquid |
|  |  |
| S | Solid |
| PREV\_CNSNR | The Tracking System permit number assigned to the facility sending a LLRW shipment for depleting. | 6 | 0 | Alpha- Numeric | XX9999 |  | Positions 1-2: State abbreviation.  Positions 3-6: Sequential number for permits in that state. |
| PREV\_CNTR | The previous unique identification number of a container which has been consolidated into the current container. | 16 | 0 | Alpha- Numeric | X(16) | N/A | N/A |
| PREV\_MANF | The manifest number assigned to the shipment in which the previous container (PREV\_CNTR) was received. | 10 | 0 | Alpha- Numeric | X(10) | N/A | N/A |
| PREV\_PCT | The percentage of the consolidated container (PREV\_CNTR) that has been consolidated into the current container. | 3 | 0 | Numeric | 999 | N/A | N/A |
| RAD\_MEAS | A code indicating the units used to measure the radiation level of a LLRW container (SURF\_RADIA). | 1 | 0 | Alpha-Numeric | X | M  R | Millirems per hour (mR/hr) |
|  |
| Rems per hour (R/hr) |
| RAD\_SIGN | Indicates whether the radiation level of a LLRW container (SURF\_RADIA) is less than the value given. | 1 | 0 | Alpha-Numeric | X | < | Radiation level less than number given. |
|  |  |
| (blank) | Radiation level is the number given. |
| RADIO\_PCT | The percentage of a radionuclide within a LLRW container with respect to all radionuclides within the container. | 6 | 3 | Numeric | 999.999 | N/A | N/A |
| RADIONUCL | The abbreviated atomic name of a radionuclide within a LLRW container. | 8 | 0 | Alpha-Numeric | XXXXXXXX | N/A | Any valid radionuclide atomic symbol with atomic weight (C12 scale), e.g. C14, TC99, or CA40. |
| REC\_TYPE | The EDT record type of the current record. | 3 | 0 | Alpha-Numeric | X99 | M01 | Original manifest record |
|  |  |
| M02 | Consolidated manifest record |
|  |  |
| M03 | Out of state consolidated manifest record |
|  |  |
| C02 | Consolidated container record |
|  |  |
| C04 | Container removed from inventory record |
|  |  |
| C05 | Original container record |
|  |  |
| W01 | Waste Type record |
|  |  |
| I05 | Radionuclide record |
|  |  |
| P01 | Consolidated container pointer record |
| SNM\_GRAMS | The weight of a specific radionuclide of special nuclear material (U-233, U-235) in grams. | 10 | 7 | Numeric | 999.9999999 | N/A | N/A |
| SSS\_BRAND | The brand name of a particular stabilization, sorbent, or solidification media (SSS\_MEDIA) within a LLRW waste type. | 15 | 0 | Alpha-Numeric | X(15) | N/A | N/A |
| SSS\_MEDIA | A code identifying the particular stabilization, sorbent or solidification media (SSS\_MEDIA) within a LLRW waste type. | 3 | 0 | Numeric | 999 | 60 | Speedi Dri |
|  |  |
| 61 | Celetom |
|  |  |
| 62 | Floor Dry/Superfine |
|  |  |
| 63 | Hi Dri |
|  |  |
| 64 | Safe T Sorb |
|  |  |
| 65 | Safe N Dri |
|  |  |
| 66 | Florco |
|  |  |
| 67 | Florco X |
|  |  |
| 68 | Solid A Sorb |
|  |  |
| 69 | Chemsil 30 |
|  |  |
| 70 | Chemsil 50 |
|  |  |
| 71 | Chemsil 3030 |
|  |  |
| 72 | Dicaperl HP200 |
|  |  |
| 73 | Dicaperl HP500 |
|  |  |
| 74 | Petroset |
|  |  |
| 75 | Petroset II |
|  |  |
| 76 | Aquaset |
|  |  |
| 77 | Aquaset II |
|  |  |
| 89 | Other Sorbent |
|  |  |
| 90 | Cement |
|  |  |
| 91 | Concrete |
|  | (Encapsulation) |
|  |  |
| 92 | Bitumen |
|  |  |
| 93 | Vinyl Chloride |
|  |  |
| 94 | Vinyl Ester Styrene |
|  |  |
| 99 | Other solidification |
|  |  |
| 100 | None Required |
| SSS\_VENDOR | The vendor of a particular stabilization, sorbent, solidification media (SSS\_MEDIA) within a LLRW waste type. | 15 | 0 | Alpha-Numeric | X(15) | N/A | N/A |
| SURF\_RADIA | The radiation level measure on contact with a LLRW container. Units of measure indicated by the record's RAD\_MEAS value. | 8 | 2 | Numeric | 999999.99 | N/A | N/A |
| TC99\_ACT | The total activity of TC-99 within a LLRW shipment. Units of measure indicated by the record's ACTVY\_MEAS value. | 24 | 10 | Scientific | 9.9999E99 | N/A | N/A |
| TOT\_ACTVY | The total activity of all containers in a LLRW shipment. Units of measure indicated by the record's ACTVY\_MEAS value. | 24 | 10 | Scientific | 9.9999E99 | N/A | N/A |
| TOT\_CNTRS | The total number of containers in a LLRW shipment. | 6 | 0 | Numeric | 999999 | N/A | N/A |
| TOT\_SNM\_WT | The total weight of all radionuclides of special nuclear material within a LLRW shipment, measured in grams. | 10 | 7 | Numeric | 999.9999999 | N/A | N/A |
| TOT\_SRC\_WT | The total weight of source material on a LLRW shipment, in pounds. | 9 | 2 | Numeric | 9999999.99 | N/A | N/A |
| TOT\_VOLUME | The total volume of all containers in a LLRW shipment, in cubic feet. | 10 | 2 | Numeric | 99999999.00 | N/A | N/A |
| TOT\_WEIGHT | The total weight of all containers in a LLRW shipment, in pounds. | 10 | 0 | Numeric | 9999999999 | N/A | N/A |
| TRANS\_INDX | The transportation index for a package label on a LLRW container. | 10 | 0 | Alpha-Numeric | X(10) | N/A | N/A |
| VOL\_MEAS | The volume unit of measure. | 1 | 0 | Alpha-Numeric | X | F | Cubic Feet |
|  |  |
| M | Cubic Meters |
| WASTE\_CLAS | The waste classification of a LLRW waste type. | 2 | 0 | Alpha-Numeric | XX | AS | Class A stable |
|  |  |
| AU | Class A unstable |
|  |  |
| B | Class B |
|  |  |
| C | Class C |
|  |  |
| >C | Greater than Class C |
| WASTE\_CODE | A code indicating whether the waste in a waste type has been collected or processed. | 1 | 0 | Alpha-Numeric | X | C | Collected |
|  |  |
| P | Processed |
|  |  |
| D | De-  commissioned |
|  |  |
| (blank) | Neither |
| WASTE\_TYPE | A code indicating the specific type of waste type. | 2 | 0 | Alpha-Numeric | XX | 20 | Charcoal |
|  |  |
| 21 | Incinerator ash |
|  |  |
| 22 | Soil |
|  |  |
| 23 | Gas |
|  |  |
| 24 | Oil |
|  |  |
| 25 | Aqueous liquid |
|  |  |
| 26 | Filter media |
|  |  |
| 27 | Mechanical filter |
|  |  |
| 28 | EPA Hazardous |
|  |  |
| 29 | Demolition rubble |
|  |  |
| 30 | Cation ion-exchange media |
|  |  |
| 31 | Anion ion-exchange media |
|  |  |
| 32 | Mixed bed ion-exchange media |
|  |  |
| 33 | Contaminated equipment |
|  |  |
| 34 | Organic liquid (except oil) |
|  |  |
| 35 | Glassware or lab ware |
|  |  |
| 36 | Sealed source/device |
|  |  |
| 37 | Paint or plating |
|  |  |
| 38 | Evaporator bottoms, sludges, concentrates |
|  |  |
| 39 | Compactible trash |
|  |  |
| 40 | Non-compactible trash |
|  |  |
| 41 | Animal carcasses |
|  |  |
| 42 | Biological material (except animal caracasses) |
|  |  |
| 43 | Activated material |
|  |  |
| 44 | Mixed waste |
|  |  |
| 59 | Other |
| WASTE\_VOL | The volume of the specific waste type (WASTE\_TYPE) within a LLRW container, in cubic feet. | 7 | 2 | Numeric | 99999.99 | N/A | N/A |
| WSTE\_ACTVY | The total activity of all radionuclides within a waste type. Units are indicated by the record's ACTVY\_MEAS value. | 24 | 10 | Scientific | 9.9999E99 | N/A | N/A |

(Source: Amended at 38 Ill. Reg. 12088, effective May 29, 2014)