



DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE

ENVIRONMENTAL DATA MANAGEMENT SYSTEM

XML DATA FORMAT SPECIFICATION APPENDICES

April 25, 2024

Appendix A

Parameter Codes and Names

Table 1: Parameter Names and Codes sorted by Parameter Code

Table 2: Parameter Names and Codes sorted by Parameter Name

Table 1: Parameter Names and Codes sorted by Parameter Code

Parameter Code (edms_param_code)	Parameter Name (param_name)
ABSORBHEAT	Absorbed Heat Duty
ACDT	Acidity, Total
ACLETDA	LT50 Daphnia Magna (Pass)
ACLETDALC	LC50 Daphnia Magna (% organism mortality in 100% concentration)
ACLETR	LT50 Rainbow Trout (Pass)
ACLETRLC	LC50 Rainbow Trout (% organism mortality in 100% concentration)
AGAE	Acid Extractable Silver
AGFT	Dissolved Silver
AGLEACH	Leachable Silver
AGUT	Total Silver
AL2O3	Aluminum Oxide
ALAE	Acid Extractable Aluminum
ALFT	Dissolved Aluminum
ALKB	Bicarbonate (CaCO ₃)
ALKC	Carbonate (CaCO ₃)
ALKH	Hydrox Alkalinity (Calc as CaCO ₃)
ALKT	Total Alkalinity
ALLEACH	Leachable Aluminum
ALUT	Total Aluminum
ANSUM	Anion Sum
APIGRAV	API Gravity
ASAE	Acid Extractable Arsenic
ASFT	Dissolved Arsenic
ASH	Total Ash
ASLEACH	Leachable Arsenic
ASPHALT	Total Asphaltenes
ASUT	Total Arsenic
B2008H	Styrene
B2BENZ	Benzene
B2EBNZ	Ethylbenzene
B2MPXY	m+p-Xylene
B2OXYL	o-Xylene
B2TOLU	Toluene
B2XYLE	Xylene (Total)
BAAE	Acid Extractable Barium
BAFT	Dissolved Barium
BALEACH	Leachable Barium
BATCH	# of Batches
BAUT	Total Barium
BBAE	Acid Extractable Boron

Parameter Code (edms_param_code)	Parameter Name (param_name)
BBFT	Dissolved Boron
BBLEACH	Leachable Boron
BBUT	Total Boron
BEAE	Acid Extractable Beryllium
BEFT	Dissolved Beryllium
BELEACH	Leachable Beryllium
BENT	Bentonite
BEUT	Total Beryllium
BIAE	Acid Extractable Bismuth
BIFT	Dissolved Bismuth
BIUT	Total Bismuth
BOD5	Biochemical Oxygen Demand
BRIDUR	Bromide
BUTANE	Butane Produced
BUTANECHARGE	Butane Charge Processed
CAAE	Acid Extractable Calcium
CACL2	Calcium Chloride
CAFT	Dissolved Calcium
CALEACH	Leachable Calcium
CAO	Calcium Oxide
CARBON	Fixed Carbon
CATSUM	Cation Sum
CAUT	Total Calcium
CBOD5	Carbonaceous Biochemical Oxygen Demand
CCNAUR	Cyanide (Total Available, unfiltered)
CCNFUR	Cyanide (Free, unfiltered)
CCNSAD	Cyanide, Strong Acid Dissociable
CCNWAD	Cyanide, Weak Acid Dissociable
CDAE	Acid Extractable Cadmium
CDFT	Dissolved Cadmium
CDLEACH	Leachable Cadmium
CDUT	Total Cadmium
CLFRS	Chlorine, Free Residue
CLIDFT	Dissolved Chloride
CLIDUR	Chloride
CLTRS	Chlorine, Total Residue
CNDVTY	Specific Conductance
CNOFR	Cyanates, filtered reactive
CO	Carbon Monoxide
CO2	Carbon Dioxide
COAE	Acid Extractable Cobalt
COD	Chemical Oxygen Demand

Parameter Code (edms_param_code)	Parameter Name (param_name)
COFT	Dissolved Cobalt
COKEC	Coke Combusted
COKED	Coke Delivered
COLEACH	Leachable Cobalt
COLTR	Color
CONCEN	Concentrate Production
COUT	Total Cobalt
CRAE	Acid Extractable Chromium
CRFT	Dissolved Chromium
CRIICALC	Chromium (III) Calculated
CRLEACH	Leachable Chromium
CRUDE	Crude Processed
CRUT	Total Chromium
CRVIFT	Dissolved Hexavalent Chromium
CRVILEACH	Leachable Chromium (VI)
CRVIUT	Total Hexavalent Chromium
CSUT	Cesium, Unfiltered Total
CUAE	Acid Extractable Copper
CUFT	Dissolved Copper
CULEACH	Leachable Copper
CUUT	Total Copper
DENSITY15	Density 15 C
DIESEL	Diesel Produced
DISDAY	Discharge Days This Month
DISDUR	Discharge Duration
DO	Dissolved Oxygen
DOC	Dissolved Organic Carbon
ECIMFB	Escherichia Coli MFB
ECMF	Escherichia Coli MF
ECMPN	Escherichia Coli MPN
EFFIC	Efficiency
FCCFU	Fecal Coliform CFU
FCMF	Fecal Coliform MF
FCMPN	Fecal Coliform MPN
FE2FT	Iron (ferrous), filtered total
FE2UT	Iron (ferrous), unfiltered total
FE3FT	Iron (ferric), filtered total
FE3UT	Iron (ferric), unfiltered total
FEAE	Acid Extractable Iron
FEFT	Dissolved Iron
FELEACH	Leachable Iron
FEUT	Total Iron

Parameter Code (edms_param_code)	Parameter Name (param_name)
FFIDUR	Fluoride
FISHENS	Ensiled Fish
FISHUNENS	Unensiled Fish
FLASH	Flash Point
FTFLOW	Total Flow
FUELGAS	Fuel Gas Combusted
FWCNDVTY	conductivity, field measurement
FWDO	Dissolved Oxygen, field measurement
FWPH	pH, field measurement
FWTEMP	Temperature, field measurement
GAC	GROSS ALPHA COUNT
GASOIL	Gas Oil Processed
GASOLINE	Gasoline Produced
GBC	GROSS BETA COUNT
GBG	Gross Beta Gamma Activity
GLYDETL	Diethylene Glycol
GLYETL	Ethylene Glycol
GLYPPL	Propylene Glycol
GLYTETL	Triethylene Glycol
H2S	Hydrogen Sulphide
HALO	Total Organic Halogen
HARDFT	Dissolved Hardness
HARDT	Hardness (CaCO3)
HDOCHARGE	Hydrodeoxygenation Charge Processed
HEAT	Heat Content
HGAE	Acid Extractable Mercury
HGFT	Dissolved Mercury
HGLEACH	Leachable Mercury
HGUT	Total Mercury
HHUT	Total Hydrogen
HOGFUEL	Hog Fuel
HVGO	HVGO Produced
HYDROX	Hydroxide
INCTEMP	Incinerator Temperature
IONBAL	Ion Balance
ISOMAX	Isomax Frac Bottoms Produced
JETA1	Jet A1 Produced
K2O	Potassium Oxide
KINVIS	Kinematic Viscosity
KKAE	Acid Extractable Potassium
KKFT	Dissolved Potassium
KKLEACH	Leachable Potassium

Parameter Code (edms_param_code)	Parameter Name (param_name)
KKUT	Total Potassium
KW	Kilowatt
KWH	Kilowatt-Hours
LAUTS	Lanthanum (Unfiltered, Total)
LI20C	Langelier Index @ 20C
LI4C	Langelier Index @ 4C
LIAE	Acid Extractable Lithium
LIFT	Dissolved Lithium
LILEACH	Leachable Lithium
LIUT	Total Lithium
LOI	Loss of Ignition
MGAE	Acid Extractable Magnesium
MGFT	Dissolved Magnesium
MGLEACH	Leachable Magnesium
MGO	Magnesium Oxide
MGUT	Total Magnesium
MNAE	Acid Extractable Manganese
MNFT	Dissolved Manganese
MNLEACH	Leachable Manganese
MNUT	Total Manganese
MOAE	Acid Extractable Molybdenum
MOFT	Dissolved Molybdenum
MOIST	Total Moisture
MOLEACH	Leachable Molybdenum
MOUT	Total Molybdenum
MTBE	METHYL-T-BUTYL ETHER
MW	Megawatt
MWH	Megawatt-Hours
NA2O	Sodium Oxide
NA2OK2O	Sodium Oxide + Potassium Oxide
NAAE	Acid Extractable Sodium
NAFT	Dissolved Sodium
NAPHTHA	Naphtha Produced
NAPLSR	LSR Naphtha Produced
NAUT	Total Sodium
NH3URF	Ammonia (Un-ionized) Unfiltered, Reactive, Field pH and temp as N
NIAE	Acid Extractable Nickel
NIFT	Dissolved Nickel
NILEACH	Leachable Nickel
NIUT	Total Nickel
NNH3FR	Ammonia (Un-ionized) Filtered, Reactive
NNH3UR	Ammonia (Un-ionized) Unfiltered, Reactive, pH@15C

Parameter Code (edms_param_code)	Parameter Name (param_name)
NNHTFR	Ammonium + Ammonia Total Filtered, Reactive
NNHTUR	Ammonium + Ammonia Total Unfiltered, Reactive
NNO2FR	Nitrite, filtered, reactive
NNO2NNO3FT	Nitrate plus nitrite, filtered
NNO2NNO3UT	Total Nitrate + Nitrite
NNO2UT	Total Nitrite
NNO3FR	Nitrate, filtered, reactive
NNO3UT	Total Nitrate
NNTKUT	Total Kjeldahl nitrogen, unfiltered, total
NNUT	Total Nitrogen
NO2	Nitrogen Dioxide
NONYLPH	Nonylphenol
NONYLPHE	Nonylphenol Ethoxylate
NOx	Oxides of Nitrogen
O2	Oxygen
O3	Ozone
OIL2C	Fuel Oil #2 Combusted
OIL2D	Fuel Oil #2 Delivered
OIL6C	Fuel Oil #6 Combusted
OIL6D	Fuel Oil #6 Delivered
OIL6P	Fuel Oil #6 Produced
OILRFOC	RFO Combusted
OILUC	Used Oil Combusted
OILUD	Used Oil Delivered
OPAC	Opacity
OPRDAY	Operating Days this month
OPRHOUR	Operating Hours this month
ORE	Ore Production
ORTPO4	Orthophosphate
P1PCBT	Total PCB's
PAPER	Paper Production
PBAE	Acid Extractable Lead
PBFT	Dissolved Lead
PBLEACH	Leachable Lead
PBUT	Total Lead
PELLET	Pellet Production
PELTYPE	Type of Pellet
PH	pH
PH15C	pH at 15 Degrees Celsius
PHMAX	Maximum pH
PHMIN	Minimum pH
PHNOL	Phenolics

Parameter Code (edms_param_code)	Parameter Name (param_name)
PM10	PM10
PM25	PM2.5
PMT	Total Particulate Matter
PN1MNA	1-Methylnaphthalene
PN2MNA	2-Methylnaphthalene
PNACNE	Acenaphthene
PNACNY	Acenaphthylene
PNANTH	Anthracene
PNBAA	Benzo(a)anthracene
PNBAP	Benzo(a)pyrene
PNBBFA	Benzo(b)fluoranthene
PNBJF	Benzo(j)fluoranthene
PNBKF	Benzo(k)fluoranthene
PNCHRY	Chrysene
PNDAHA	Dibenz(a,h)anthracene
PNFLAN	Fluoranthene
PNFLUO	Fluorene
PNGHIP	Benzo(g,h,i)perylene
PNINP	Indeno(1,2,3-cd)pyrene
PNNAPH	Naphthalene
PNPERY	Perylene
PNPHEN	Phenanthrene
PNPYR	Pyrene
POUR	Pour Point
PPAE	Acid Extractable Phosphorus
PPELEM	Elemental Phosphorus
PPFT	Dissolved Phosphorus
PPO4UT	Phosphates (total)
PPO4UTP2O5	Total Phosphates as P2O5
PPUT	Total Phosphorus
PROPANE	Propane Produced
RA226	Radium-226
RA228	Radium 228
RBAE	Acid Extractable Rubidium
RBFT	Dissolved Rubidium
RBUT	Total Rubidium
SAF	Sustainable Aviation Fuel Produced
SALINITY	Salinity
SATPH20C	Saturation pH @ 20C
SATPH4C	Saturation pH @ 4C
SBAE	Acid Extractable Antimony
SBFT	Dissolved Antimony

Parameter Code (edms_param_code)	Parameter Name (param_name)
SBLEACH	Leachable Antimony
SBUT	Total Antimony
SCNFR	Thiocyanates, filtered reactive
SEAE	Acid Extractable Selenium
SEDIMENT	Total Sediment
SEFT	Dissolved Selenium
SELEACH	Leachable Selenium
SEUT	Total Selenium
SIAE	Acid Extractable Silicon
SIFT	Dissolved Silicon
SIO2	Silica
SIO2FT	Dissolved Silica
SIO2UR	Reactive Silica
SIUT	Total Silicon
SLOPS	Slops / Reduced Crude Produced
SLOPS1	Slops Produced
SNAE	Acid Extractable Tin
SNFT	Dissolved Tin
SNLEACH	Leachable Tin
SNUT	Total Tin
SO2	Sulphur Dioxide
SO2INC	Incinerator SO2
SO2MIS	Miscellaneous SO2
SO2RFO	RFO SO2
SPECGRAV	Specific Gravity
SPENT	Spent Caustic
SRAE	Acid Extractable Strontium
SRFT	Dissolved Strontium
SRLEACH	Leachable Strontium
SRUT	Total Strontium
SSAE	Acid Extractable Sulphur
SSFT	Dissolved Total Sulphur
SSIDUR	Sulphide
SSITUR	Sulphite, unfiltered, reactive
SSO4FT	Dissolved Sulphate (SO4)
SSO4UR	Sulphate
SSUT	Total Sulphur
STEAMH	Total Steam from Hogged
STEAMO	Total Steam from Oil
SULREC	Sulphur Recovered
TCCFU	Total Coliform CFU
TCMF	Total Coliform MF

Parameter Code (edms_param_code)	Parameter Name (param_name)
TCMPN	Total Coliform MPN
TCOD	Total Chemical Oxygen Demand
TDS	Calculated TDS
TDSMEAS	TDS Measured
TEAE	Acid Extractable Tellurium
TEFT	Dissolved Tellurium
TEUT	Tellurium, Total
THIOST	Thiosalts
THUT	Thorium, Unfiltered Total
TIAE	Acid Extractable Titanium
TIFT	Dissolved Titanium
TIO2	Titanium Dioxide
TIUT	Total Titanium
TKN	Total Kjeldahl Nitrogen
TLAE	Acid Extractable Thallium
TLFT	Dissolved Thallium
TLLEACH	Leachable Thallium
TLUT	Total Thallium
TOC	Total Organic Carbon
TOG	Total Oil and Grease
TPHC6C10	C6-C10 (includes BTEX)
TPHPIRI	TPH (Atlantic PIRI)
TPHPIRIC6C10LBTEX	C6-C10 (less BTEX)
TPHPIRIGTC10C16	>C10-C16 Hydrocarbons
TPHPIRIGTC16C21	>C16-C21 Hydrocarbons
TPHPIRIGTC21LTC32	>C21-< C32 Hydrocarbons
TSS	Total Suspended Solids
TURB	Turbidity
UUAЕ	Acid Extractable Uranium
UUFT	Dissolved Uranium
UULEACH	Leachable Uranium
UUUT	Total Uranium
VLEACH	Leachable Vanadium
VOCS	Total VOCs
VOLATILE	Total Volatiles
VOLDIS	Discharged Volume
VSS	Volatile Suspended Solids
VVAЕ	Acid Extractable Vanadium
VVFT	Dissolved Vanadium
VVUT	Total Vanadium
WATER	Total Water
WWEFF	Waste Water Effluent

Parameter Code (edms_param_code)	Parameter Name (param_name)
WWUT	Tungsten, unfiltered total
X11112	Tetrachloroethane, 1,1,1,2-
X1111T	1,1,1-Trichloroethane
X11122	1,1,2,2-Tetrachloroethane
X1112T	1,1,2-Trichloroethane
X111CE	1,1-Dichloroethane
X111CY	1,1-Dichloroethylene
X112CE	1,2-Dichloroethane
X112CP	1,2-Dichloropropane
X113CPR	Dichloropropylene, cis+trans-1,3-
X113DP	cis-1,3-Dichloropropene
X113DR	trans-1,3-Dichloropropene
X1BDCM	Bromodichloromethane
X1BMET	Bromomethane
X1BROM	Bromoform
X1C12D	cis-1,2-Dichloroethylene
X1CDBM	Chlorodibromomethane
X1CHLE	Chloroethane
X1CHLM	Chloromethane
X1CHLO	Chloroform
X1CTET	Carbon Tetrachloride
X1DCLM	Methylene Chloride (Dichloromethane)
X1T12D	trans-1,2-Dichloroethylene
X1TCFM	Trichlorofluoromethane
X1TETR	Tetrachloroethylene
X1TRIC	Trichloroethylene
X1VCL	Vinyl Chloride
X212CB	1,2-Dichlorobenzene
X213CB	1,3-Dichlorobenzene
X214CB	1,4-Dichlorobenzene
X2CBEN	Chlorobenzene
X2EDB	Ethylene Dibromide
X2TTHM	Total Trihalomethanes
ZNAE	Acid Extractable Zinc
ZNFT	Dissolved Zinc
ZNLEACH	Leachable Zinc
ZNUT	Total Zinc
ZRFT	Zirconium, Filtered Total
ZRUT	Zirconium, unfiltered total

Table 2: Parameter Names and Codes sorted by Parameter Name

Parameter Code (edms_param_code)	Parameter Name (param_name)
BATCH	# of Batches
TPHPIRIGTC10C16	>C10-C16 Hydrocarbons
TPHPIRIGTC16C21	>C16-C21 Hydrocarbons
TPHPIRIGTC21LTC32	>C21-< C32 Hydrocarbons
X1111T	1,1,1-Trichloroethane
X11122	1,1,2,2-Tetrachloroethane
X1112T	1,1,2-Trichloroethane
X111CE	1,1-Dichloroethane
X111CY	1,1-Dichloroethylene
X212CB	1,2-Dichlorobenzene
X112CE	1,2-Dichloroethane
X112CP	1,2-Dichloropropane
X213CB	1,3-Dichlorobenzene
X214CB	1,4-Dichlorobenzene
PN1MNA	1-Methylnaphthalene
PN2MNA	2-Methylnaphthalene
ABSORBHEAT	Absorbed Heat Duty
PNACNE	Acenaphthene
PNACNY	Acenaphthylene
ALAE	Acid Extractable Aluminum
SBAE	Acid Extractable Antimony
ASAE	Acid Extractable Arsenic
BAAE	Acid Extractable Barium
BEAE	Acid Extractable Beryllium
BIAE	Acid Extractable Bismuth
BBAE	Acid Extractable Boron
CDAE	Acid Extractable Cadmium
CAAE	Acid Extractable Calcium
CRAE	Acid Extractable Chromium
COAE	Acid Extractable Cobalt
CUAE	Acid Extractable Copper
FEAE	Acid Extractable Iron
PBAE	Acid Extractable Lead
LIAE	Acid Extractable Lithium
MGAE	Acid Extractable Magnesium
MNAE	Acid Extractable Manganese
HGAE	Acid Extractable Mercury
MOAE	Acid Extractable Molybdenum
NIAE	Acid Extractable Nickel
PPAE	Acid Extractable Phosphorus

Parameter Code (edms_param_code)	Parameter Name (param_name)
KKAE	Acid Extractable Potassium
RBAE	Acid Extractable Rubidium
SEAE	Acid Extractable Selenium
SIAE	Acid Extractable Silicon
AGAE	Acid Extractable Silver
NAAE	Acid Extractable Sodium
SRAE	Acid Extractable Strontium
SSAE	Acid Extractable Sulphur
TEAE	Acid Extractable Tellurium
TLAE	Acid Extractable Thallium
SNAE	Acid Extractable Tin
TIAE	Acid Extractable Titanium
UUAE	Acid Extractable Uranium
VVAE	Acid Extractable Vanadium
ZNAE	Acid Extractable Zinc
ACDT	Acidity, Total
AL2O3	Aluminum Oxide
NNH3FR	Ammonia (Un-ionized) Filtered, Reactive
NH3URF	Ammonia (Un-ionized) Unfiltered, Reactive, Field pH and temp as N
NNH3UR	Ammonia (Un-ionized) Unfiltered, Reactive, pH@15C
NNHTFR	Ammonium + Ammonia Total Filtered, Reactive
NNHTUR	Ammonium + Ammonia Total Unfiltered, Reactive
ANSUM	Anion Sum
PNANTH	Anthracene
APIGRAV	API Gravity
BENT	Bentonite
B2BENZ	Benzene
PNBAA	Benzo(a)anthracene
PNBAP	Benzo(a)pyrene
PNBBFA	Benzo(b)fluoranthene
PNGHIP	Benzo(g,h,i)perylene
PNBJF	Benzo(j)fluoranthene
PNBKF	Benzo(k)fluoranthene
ALKB	Bicarbonate (CaCO3)
BOD5	Biochemical Oxygen Demand
BRIDUR	Bromide
X1BDCM	Bromodichloromethane
X1BROM	Bromoform
X1BMET	Bromomethane
BUTANECHARGE	Butane Charge Processed
BUTANE	Butane Produced
TPHC6C10	C6-C10 (includes BTEX)

Parameter Code (edms_param_code)	Parameter Name (param_name)
TPHPIRIC6C10LBTEX	C6-C10 (less BTEX)
CACL2	Calcium Chloride
CAO	Calcium Oxide
TDS	Calculated TDS
CO2	Carbon Dioxide
CO	Carbon Monoxide
X1CTET	Carbon Tetrachloride
CBOD5	Carbonaceous Biochemical Oxygen Demand
ALKC	Carbonate (CaCO3)
CATSUM	Cation Sum
CSUT	Cesium, Unfiltered Total
COD	Chemical Oxygen Demand
CLIDUR	Chloride
CLFRS	Chlorine, Free Residue
CLTRS	Chlorine, Total Residue
X2CBEN	Chlorobenzene
X1CDBM	Chlorodibromomethane
X1CHLE	Chloroethane
X1CHLO	Chloroform
X1CHLM	Chloromethane
CRIICALC	Chromium (III) Calculated
PNCHRY	Chrysene
X1C12D	cis-1,2-Dichloroethylene
X113DP	cis-1,3-Dichloropropene
COKEC	Coke Combusted
COKED	Coke Delivered
COLTR	Color
CONCEN	Concentrate Production
FWCNDVTY	conductivity, field measurement
CRUDE	Crude Processed
CNOFR	Cyanates, filtered reactive
CCNFUR	Cyanide (Free, unfiltered)
CCNAUR	Cyanide (Total Available, unfiltered)
CCNSAD	Cyanide, Strong Acid Dissociable
CCNWAD	Cyanide, Weak Acid Dissociable
DENSITY15	Density 15 C
PNDABA	Dibenz(a,h)anthracene
X113CPR	Dichloropropylene, cis+trans-1,3-
DIESEL	Diesel Produced
GLYDETL	Diethylene Glycol
DISDAY	Discharge Days This Month
DISDUR	Discharge Duration

Parameter Code (edms_param_code)	Parameter Name (param_name)
VOLDIS	Discharged Volume
ALFT	Dissolved Aluminum
SBFT	Dissolved Antimony
ASFT	Dissolved Arsenic
BAFT	Dissolved Barium
BEFT	Dissolved Beryllium
BIFT	Dissolved Bismuth
BBFT	Dissolved Boron
CDFT	Dissolved Cadmium
CAFT	Dissolved Calcium
CLIDFT	Dissolved Chloride
CRFT	Dissolved Chromium
COFT	Dissolved Cobalt
CUFT	Dissolved Copper
HARDFT	Dissolved Hardness
CRVIFT	Dissolved Hexavalent Chromium
FEFT	Dissolved Iron
PBFT	Dissolved Lead
LIFT	Dissolved Lithium
MGFT	Dissolved Magnesium
MNFT	Dissolved Manganese
HGFT	Dissolved Mercury
MOFT	Dissolved Molybdenum
NIFT	Dissolved Nickel
DOC	Dissolved Organic Carbon
DO	Dissolved Oxygen
FWDO	Dissolved Oxygen, field measurement
PPFT	Dissolved Phosphorus
KKFT	Dissolved Potassium
RBFT	Dissolved Rubidium
SEFT	Dissolved Selenium
SIO2FT	Dissolved Silica
SIFT	Dissolved Silicon
AGFT	Dissolved Silver
NAFT	Dissolved Sodium
SRFT	Dissolved Strontium
SSO4FT	Dissolved Sulphate (SO4)
TEFT	Dissolved Tellurium
TLFT	Dissolved Thallium
SNFT	Dissolved Tin
TIFT	Dissolved Titanium
SSFT	Dissolved Total Sulphur

Parameter Code (edms_param_code)	Parameter Name (param_name)
UUFT	Dissolved Uranium
VVFT	Dissolved Vanadium
ZNFT	Dissolved Zinc
EFFIC	Efficiency
PPELEM	Elemental Phosphorus
FISHENS	Ensiled Fish
ECMF	Escherichia Coli MF
ECIMFB	Escherichia Coli MFB
ECMPN	Escherichia Coli MPN
B2EBNZ	Ethylbenzene
X2EDB	Ethylene Dibromide
GLYETL	Ethylene Glycol
FCCFU	Fecal Coliform CFU
FCMF	Fecal Coliform MF
FCMPN	Fecal Coliform MPN
CARBON	Fixed Carbon
FLASH	Flash Point
PNFLAN	Fluoranthene
PNFLUO	Fluorene
FFIDUR	Fluoride
FUELGAS	Fuel Gas Combusted
OIL2C	Fuel Oil #2 Combusted
OIL2D	Fuel Oil #2 Delivered
OIL6C	Fuel Oil #6 Combusted
OIL6D	Fuel Oil #6 Delivered
OIL6P	Fuel Oil #6 Produced
GASOIL	Gas Oil Processed
GASOLINE	Gasoline Produced
GAC	GROSS ALPHA COUNT
GBC	GROSS BETA COUNT
GBG	Gross Beta Gamma Activity
HARDT	Hardness (CaCO3)
HEAT	Heat Content
HOGFUEL	Hog Fuel
HVGO	HVGO Produced
HDOCHARGE	Hydrodeoxygenation Charge Processed
H2S	Hydrogen Sulphide
ALKH	Hydrox Alkalinity (Calc as CaCO3)
HYDROX	Hydroxide
SO2INC	Incinerator SO2
INCTEMP	Incinerator Temperature
PNINP	Indeno(1,2,3-cd)pyrene

Parameter Code (edms_param_code)	Parameter Name (param_name)
IONBAL	Ion Balance
FE3FT	Iron (ferric), filtered total
FE3UT	Iron (ferric), unfiltered total
FE2FT	Iron (ferrous), filtered total
FE2UT	Iron (ferrous), unfiltered total
ISOMAX	Isomax Frac Bottoms Produced
JETA1	Jet A1 Produced
KW	Kilowatt
KWH	Kilowatt-Hours
KINVIS	Kinematic Viscosity
LI20C	Langelier Index @ 20C
LI4C	Langelier Index @ 4C
LAUTS	Lanthanum (Unfiltered, Total)
ACLETDALC	LC50 Daphnia Magna (% organism mortality in 100% concentration)
ACLETRLC	LC50 Rainbow Trout (% organism mortality in 100% concentration)
ALLEACH	Leachable Aluminum
SBLEACH	Leachable Antimony
ASLEACH	Leachable Arsenic
BALEACH	Leachable Barium
BELEACH	Leachable Beryllium
BBLEACH	Leachable Boron
CDLEACH	Leachable Cadmium
CALEACH	Leachable Calcium
CRLEACH	Leachable Chromium
CRVILEACH	Leachable Chromium (VI)
COLEACH	Leachable Cobalt
CULEACH	Leachable Copper
FELEACH	Leachable Iron
PBLEACH	Leachable Lead
LILEACH	Leachable Lithium
MGLEACH	Leachable Magnesium
MNLEACH	Leachable Manganese
HGLEACH	Leachable Mercury
MOLEACH	Leachable Molybdenum
NILEACH	Leachable Nickel
KKLEACH	Leachable Potassium
SELEACH	Leachable Selenium
AGLEACH	Leachable Silver
SRLEACH	Leachable Strontium
TLLEACH	Leachable Thallium
SNLEACH	Leachable Tin
UULEACH	Leachable Uranium

Parameter Code (edms_param_code)	Parameter Name (param_name)
VLEACH	Leachable Vanadium
ZNLEACH	Leachable Zinc
LOI	Loss of Ignition
NAPLSR	LSR Naphtha Produced
ACLETDA	LT50 Daphnia Magna (Pass)
ACLETR	LT50 Rainbow Trout (Pass)
B2MPXY	m+p-Xylene
MGO	Magnesium Oxide
PHMAX	Maximum pH
MW	Megawatt
MWH	Megawatt-Hours
X1DCLM	Methylene Chloride (Dichloromethane)
MTBE	METHYL-T-BUTYL ETHER
PHMIN	Minimum pH
SO2MIS	Miscellaneous SO2
NAPHTHA	Naphtha Produced
PNNAPH	Naphthalene
NNO2NNO3FT	Nitrate plus nitrite, filtered
NNO3FR	Nitrate, filtered, reactive
NNO2FR	Nitrite, filtered, reactive
NO2	Nitrogen Dioxide
NONYLPH	Nonylphenol
NONYLPHE	Nonylphenol Ethoxylate
OPAC	Opacity
OPRDAY	Operating Days this month
OPRHOURL	Operating Hours this month
ORE	Ore Production
ORTPO4	Orthophosphate
NOx	Oxides of Nitrogen
O2	Oxygen
B2OXYL	o-Xylene
O3	Ozone
PAPER	Paper Production
PELLET	Pellet Production
PNPERY	Perylene
PH	pH
PH15C	pH at 15 Degrees Celsius
FWPH	pH, field measurement
PNPHEN	Phenanthrene
PHNOL	Phenolics
PPO4UT	Phosphates (total)
PM10	PM10

Parameter Code (edms_param_code)	Parameter Name (param_name)
PM25	PM2.5
K2O	Potassium Oxide
POUR	Pour Point
PROPANE	Propane Produced
GLYPPL	Propylene Glycol
PNPYR	Pyrene
RA228	Radium 228
RA226	Radium-226
SIO2UR	Reactive Silica
OILRFOC	RFO Combusted
SO2RFO	RFO SO2
SALINITY	Salinity
SATPH20C	Saturation pH @ 20C
SATPH4C	Saturation pH @ 4C
SIO2	Silica
SLOPS	Slops / Reduced Crude Produced
SLOPS1	Slops Produced
NA2O	Sodium Oxide
NA2OK2O	Sodium Oxide + Potassium Oxide
CNDVTY	Specific Conductance
SPECGRAV	Specific Gravity
SPENT	Spent Caustic
B2008H	Styrene
SSO4UR	Sulphate
SSIDUR	Sulphide
SSITUR	Sulphite, unfiltered, reactive
SO2	Sulphur Dioxide
SULREC	Sulphur Recovered
SAF	Sustainable Aviation Fuel Produced
TDSMEAS	TDS Measured
TEUT	Tellurium, Total
FWTEMP	Temperature, field measurement
X11112	Tetrachloroethane, 1,1,1,2-
X1TETR	Tetrachloroethylene
SCNFR	Thiocyanates, filtered reactive
THIOST	Thiosalts
THUT	Thorium, Unfiltered Total
TIO2	Titanium Dioxide
B2TOLU	Toluene
ALKT	Total Alkalinity
ALUT	Total Aluminum
SBUT	Total Antimony

Parameter Code (edms_param_code)	Parameter Name (param_name)
ASUT	Total Arsenic
ASH	Total Ash
ASPHALT	Total Asphaltenes
BAUT	Total Barium
BEUT	Total Beryllium
BIUT	Total Bismuth
BBUT	Total Boron
CDUT	Total Cadmium
CAUT	Total Calcium
TCOD	Total Chemical Oxygen Demand
CRUT	Total Chromium
COUT	Total Cobalt
TCCFU	Total Coliform CFU
TCMF	Total Coliform MF
TCMPN	Total Coliform MPN
CUUT	Total Copper
FTFLOW	Total Flow
CRVIUT	Total Hexavalent Chromium
HHUT	Total Hydrogen
FEUT	Total Iron
TKN	Total Kjeldahl Nitrogen
NNTKUT	Total Kjeldahl nitrogen, unfiltered, total
PBUT	Total Lead
LIUT	Total Lithium
MGUT	Total Magnesium
MNUT	Total Manganese
HGUT	Total Mercury
MOIST	Total Moisture
MOUT	Total Molybdenum
NIUT	Total Nickel
NNO3UT	Total Nitrate
NNO2NNO3UT	Total Nitrate + Nitrite
NNO2UT	Total Nitrite
NNUT	Total Nitrogen
TOG	Total Oil and Grease
TOC	Total Organic Carbon
HALO	Total Organic Halogen
PMT	Total Particulate Matter
P1PCBT	Total PCB's
PPO4UTP2O5	Total Phosphates as P2O5
PPUT	Total Phosphorus
KKUT	Total Potassium

Parameter Code (edms_param_code)	Parameter Name (param_name)
RBUT	Total Rubidium
SEDIMENT	Total Sediment
SEUT	Total Selenium
SIUT	Total Silicon
AGUT	Total Silver
NAUT	Total Sodium
STEAMH	Total Steam from Hogged
STEAMO	Total Steam from Oil
SRUT	Total Strontium
SSUT	Total Sulphur
TSS	Total Suspended Solids
TLUT	Total Thallium
SNUT	Total Tin
TIUT	Total Titanium
X2TTHM	Total Trihalomethanes
UUUT	Total Uranium
VVUT	Total Vanadium
VOCS	Total VOCs
VOLATILE	Total Volatiles
WATER	Total Water
ZNUT	Total Zinc
TPHPIRI	TPH (Atlantic PIRI)
X1T12D	trans-1,2-Dichloroethylene
X113DR	trans-1,3-Dichloropropene
X1TRIC	Trichloroethylene
X1TCFM	Trichlorofluoromethane
GLYTETL	Triethylene Glycol
WWUT	Tungsten, unfiltered total
TURB	Turbidity
PELTYPE	Type of Pellet
FISHUNENS	Unensiled Fish
OILUC	Used Oil Combusted
OILUD	Used Oil Delivered
X1VCL	Vinyl Chloride
VSS	Volatile Suspended Solids
WWEFF	Waste Water Effluent
B2XYLE	Xylene (Total)
ZRFT	Zirconium, Filtered Total
ZRUT	Zirconium, unfiltered total

Appendix B

Units of Measure

Unit of Measure Code (unit_abbrev)	Unit of Measure Name
%	Percent
%S	Percent Sulphur
%VOL	Percent Volume
1000LB/HR	Thousand Pounds per Hour
API	API Gravity
BBLs	Barrels
BBLs/DAY	Barrels per Day
BDT	Bone Dry Tonnes
BQ/L	Becquerels Per Litre
BTU/BBL	BTU per Barrel
BTU/LB	BTU per Pound
BTU/USG	BTU per US Gallon
C	Celsius
CELSIUS	Celsius
CFU/ML	Colony Forming Units Per Millilitre
CST	Centistoke
F	Fahrenheit
G	Grams
G/L	Grams per Litre
GAL/DAY	Imperial Gallons per day
GALLONS	Imperial Gallons
HOURL	Hours
K	Kelvin
KG	Kilograms
KG/L	Kilograms per Litre
KG/M3	Kilograms per Cubic Metre
KJ/KG	Kilojoules per Kilogram
KL	Kilolitres
KT	Kilotonnes
KW	Kilowatts
KWH	Kilowatt - Hour
L	Litres
LBS/DAY	Pounds Per Day
M3	Cubic Metres
M3/DAY	Cubic Metres per Day
ME/L	Milliequivalents per Litre
MEQ/L	Milliequivalents per Litre
MG	Milligrams
MG/KG	Milligrams per Kilogram
MG/L	Milligrams per Litre
MJ/KG	Megajoules per Kilogram
MMBTU	Million BTU

Unit of Measure Code (unit_abbrev)	Unit of Measure Name
MMBTU/HR	Million BTU per Hour
MMSCF	Million Standard Cubic Feet
MPN/100ML	Most Probable Number per 100 mL
MPN/ML	Most Probable Number per Millilitre
MS/CM	Millisiemens per Centimetre
MW	Megawatts
MWH	Megawatt - Hour
N/A	Not Applicable
NTU	Nephelometric Turbidity Unit
PASS/FAIL	Pass or Fail
PH UNITS	pH Units
PPB	Parts per Billion
PPM	Parts per Million
PPMS	Sulphur parts per million
PPT	Parts per Trillion
T/DAY	Tonnes per Day
TCU	True Colour Unit
TONNES	Metric Tonne (Megagram)
UG	Micrograms
UG/G	Micrograms per Gram
UG/L	Micrograms per Litre
UG/M3	Micrograms per Cubic Metre
UNITLESS	Unit Less
US/CM	Microsiemens per Centimetre

Appendix C

Data Types

Table 1: Data Types

Table 2: Data Subtypes

Table 1: Data Types

Data Type (data_type)	Data Type Description
AMBIENT	Continuous Ambient Monitoring
COM	Continuous Opacity Monitoring
CEM	Continuous Emissions Monitoring
EFFLUENT	Effluent
WASTE	Waste
FUEL	Fuel
PRODUCTION	Production

Table 2: Data Subtypes

Data Type (data_subtype)	Data Subtype Description
#2	Distillate fuels including diesel, heating oil, jet fuel
#6	Residual fuels including Bunker C
USED	Used oil
HOG	Hogged fuel including bark, wood chips
SOLID	Solid fuels including coke breeze, petroleum coke, anthracite
GAS	Gaseous fuels including methane, process gas, sour gas, propane