

NPRI Database Structure

The following tables provide a breakdown of the structures of the fields within each of the NPRI MS Excel spreadsheets and MS Access database tables. The spreadsheets and tables included are:

- Facility
- Address
- Other_ID
- Comments
- Substanc
- DR_Trans
- Substran
- Streams
- OffSites
- ProvCode
- CSI2Code
- CSICCode
- NAI2Code
- NAI4Code
- NAI6Code
- Chemcode

This data set includes one new table or spreadsheet, OffSites.

The first column (Field Name) provides the name of the field (column title) in the database table, the second column (Type) identifies if the field is a text, number or Yes/No field and the third column (Width) provides the number of characters that can fit into each field. The fourth column (First year new fields....) provides the user with the year the field in question was added. If no year is indicated, the field has always been present. In cases where a field was added in a certain year, the field will still appear in the previous years database files however there will be no data present.

Facility

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
ReportYear	Text	4	The NPRI data reporting year.	
NPRI_ID	Text	10	An assigned unique 10 digit number.	
FACILITY IDENTIFICATION				
Language	Text	1	Language of submission E)nglish, F)rench	1995
City	Text	40	The city where the facility is located.	
Province	Text	2	The province/territory of the facility.	
Comp_Name	Text	60	The name of the reporting company.	
Faci_Name	Text	60	The name of the reporting facility.	
D_B_DUNS	Text	9	Dun & Bradstreet (D-U-N-S) Number	1999
URL	Text	80	Company web-site address (http://Xxxx)	
Employees	Number	6	Number of Full Time Employees at the facility	
FACILITY CONTACT				
Cont_Title	Text	30	Title: {Blank} Dr. M. Mr. Miss Mlle Mme Ms. Mrs. M.	
Cont_First	Text	30	First Name and/or Initials	
Cont_Last	Text	30	Last Name	
Cont_Posi	Text	30	Position	
Cont_Area	Text	3	Telephone Numbe Area Code	
Cont_Tele	Text	7	Telephone Number	
Cont_Exte	Text	6	Telephone Extension	
Cont_AreaF	Text	3	Fax Number Area Code	
Cont_Facs	Text	7	Fax Number	
Cont_Email	Text	60	Email Address	
STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES				
CN_SI2	Text	2	2 Digit Canadian SIC Code	1995
CN_SIC	Text	4	4 Digit Canadian SIC Code	
US_SIC	Text	4	4 Digit Amercian SIC Code	
NORTH AMERICAN INDUSTRIAL CLASSIFICATION SYSTEM (NAICS) CODE				
NAICS_2	Text	5	2 Digit NAICS Code	1998
NAICS_4	Text	4	4 Digit NAICS Code	1998
NAICS_6	Text	6	6 Digit NAICS Code	1998
ACTIVITIES FOR WHICH THE 20 000 HOUR EMPLOYEE THRESHOLD DOES NOT APPLY				
Was the facility used for:				
R_Used_A	Yes/No	1	Non-hazardous solid waste incineration (>=100 tonnes/year)	2000
R_Used_B	Yes/No	1	Biomedical or hospital waste incineration (>=100 tonnes/year)	2000
R_Used_C	Yes/No	1	Hazardous waste incineration	2000
R_Used_D	Yes/No	1	Sewage sludge incineration	2000
R_Used_E	Yes/No	1	Wood preservation	2000
R_Used_F	Yes/No	1	None of the above	2000
ACTIVITIES RELEVANT TO REPORTING DIOXINS/FURANS AND HEXACHLOROBENZENE				
Was the facility engaged in:				
R_Enga_A	Yes/No	1	Non-hazardous solid waste incineration (>=100 tonnes/year)	2000
R_Enga_B	Yes/No	1	Biomedical or hospital waste incineration (>=100 tonnes/year)	2000
R_Enga_C	Yes/No	1	Hazardous waste incineration	2000
R_Enga_D	Yes/No	1	Sewage sludge incineration	2000
R_Enga_E	Yes/No	1	Base metals smelting (including copper, lead, nickel, and zinc)	2000
R_Enga_F	Yes/No	1	Smelting of secondary lead	2000
R_Enga_G	Yes/No	1	Smelting of secondary aluminum	2000
R_Enga_H	Yes/No	1	Manufacturing of iron using a sintering process	2000
R_Enga_I	Yes/No	1	Operation of electric arc furnaces in steel manufacturing	2000
R_Enga_J	Yes/No	1	Operation of electric arc furnaces in steel foundries	2000
R_Enga_K	Yes/No	1	Production of magnesium	2000
R_Enga_L	Yes/No	1	Manufacturing of Portland cement	2000
R_Enga_M	Yes/No	1	Production of chlorinated organic solvents or monomers	2000
R_Enga_N	Yes/No	1	Combustion of fossil fuel in a boiler unit to produce electricity (>=25 MW)	2000

R_Enga_O	Yes/No	1	Combustion of salt laden logs in pulp and paper sector	2000
R_Enga_P	Yes/No	1	Combustion of fuel in kraft liquor boilers in pulp and paper sector	2000
R_Enga_Q	Yes/No	1	None of the above	2000
Wood_Pent	Yes/No	1	Was the facility used for wood preservation using pentachlorophenol?	2000
			ACTIVITY RELEVANT TO THE REPORTING OF PAHs	
Wood_Creo	Yes/No	1	Was the facility used for wood preservation using creosote?	2000
			OTHER	
Parent	Text	1	Are there parent companies identified? (where a parent company is the highest level of company or group of companies that directly control the facility)	
C_Parents	Number	2	Number of identified Parent Companies.	1996
Other_ID	Text	1	Are there other regulations or permits for the facility?	
C_Other_ID	Number	2	Number of other regulations or permits.	
Streams	Yes/No	1	Is the facility sending waste into water streams?	
C_Streams	Number	2	Number of identified Streams.	
Off_Sites	Yes/No	1	Is the facility sending waste Off Site?	
C_OffSites	Number	2	Number of identified Off-sites.	
Comm_Fac	Yes/No	1	Are there any comments on the facility?	
Comm_PP2	Yes/No	1	Are there any comments on the pollution prevention activities for the facility?	1997

Address

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
ReportYear	Text	4	The NPRI data reporting year.	
NPRI_ID	Text	10	An assigned unique 10 digit number.	
			IDENTITY of ADDRESS TYPE	
Addr_Type	Text	3	Address Identifier Codes: FAC - Facility Address MED - Public Contact Address TEC - Technical Contact Address PAR - Parent Company address OFF - Off-site Facility address (removed in 2000 as a new table "Offsites" was added)	
Addr_Code	Number	2	A 2-digit code is assigned for each off-site/ Parent Company which is specific for each individual NPRI ID (i.e. the same code is used more than once but not for the same NPRI ID)(this code is equivalent to the Tran_Code in the Substran table)	
D_B_DUNS	Text	9	Dun & Bradstreet (D-U-N-S) Number	1999
Percentage	Number	3	% of ownership (only completed for parent companies).	
Canadian	Text	1	Is this a Canadian address? Y / N (Could be multi-purpose)	1996
Comp_Name	Text	60	Name of Company, Parent Company, Off-site or MSTP.	1996
Faci_Name	Text	60	Name of Facility.	1996
			ADDRESS	
Address1	Text	40	Address Line 1	1996
Address2	Text	40	Address Line 2	1996
City	Text	40	City Name	
Prov_State	Text	2	Province or state	1996
Postal_Zip	Text	40	Postal code or zip code	1996
Country	Text	40	Country	

Other-ID

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
ReportYear	Text	4	The NPRI data reporting year.	
NPRI_ID	Text	10	An assigned unique 10 digit number.	
			IDENTIFICATION OF OTHER REGULATIONS or PERMITS	
ID_Number	Text	15	Identification Number or Permit Number	
Program	Text	50	Government Department, Agency, or Program Name	

Comments

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
ReportYear	Text	4	The NPRI data reporting year.	
NPRI_ID	Text	10	An assigned unique 10 digit number.	
CAS_Number	Text	11	Chemical Abstract Service (CAS) Registry number (completed for comments related to substances only).	
Comm_Type	Text	3	Comment Type Identifier: FAC - Facility Comments PP2 - Pollution Prevention Activity Comments for the entire facility REL - Release Comments DIS - Disposal Comments REC - Recycling Comments PPA - Pollution Prevention Comments for a specific substance	
Line_1	Text	75	Maximum of 750 characters or 10 lines of comments in a memo format.	
Line_2	Text	75		
Line_3	Text	75		
Line_4	Text	75		
Line_5	Text	75		
Line_6	Text	75		
Line_7	Text	75		
Line_8	Text	75		
Line_9	Text	75		
Line_10	Text	75		

Substanc

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
ReportYear	Text	4	The NPRI data reporting year.	
NPRI_ID	Text	10	An assigned unique 10 digit number.	
CAS_Number	Text	11	Chemical Abstract Service (CAS) Registry Number of the substance.	
Units	Text	9	Quantities were entered in: tonnes, kg, grams, g TEQ	In 2000 the quantity entered changed from only tonnes to the units specified
City	Text	40	City	
Province	Text	2	Province/Territory	1995
CN_SI2	Text	2	2 Digit Canadian SIC Code	1995
CN_SIC	Text	4	4 Digit Canadian SIC Code	1995
US_SIC	Text	4	4 Digit U.S. SIC Code	1995
NAICS_2	Text	5	2 Digit NAICS Code	1998
NAICS_4	Text	4	4 Digit NAICS Code	1998
NAICS_6	Text	6	6 Digit NAICS Code	1998
			NATURE OF THE FACILITY ACTIVITY FOR THE SUBSTANCE SPECIFIED	
Manu_A	Yes/No	1	On-site use/processing	1997
Manu_B	Yes/No	1	Sale/Distribution	1997
Manu_C	Yes/No	1	By-Product	1997
Manu_D	Yes/No	1	Impurity	1997
Proc_A	Yes/No	1	Reactant	1997
Proc_B	Yes/No	1	Formulation Component	1997
Proc_C	Yes/No	1	Article Component	1997

Proc_D	Yes/No	1	Repacking Only	1997
Proc_E	Yes/No	1	By-Product	1997
Othe_A	Yes/No	1	Chemical Processing Aid	1997
Othe_B	Yes/No	1	Manufacturing Aid	1997
Othe_C	Yes/No	1	Other Use	1997
Othe_D	Yes/No	1	By-Product	1997
Release	Yes/No	1	Is this substance released on-site?	
Less_1_Ton	Yes/No	1	Are releases less than one tonne and reported as a total?	Only applies for dioxins/furans and hexachlorobenzene
			* If releases are greater than one tonne then data must be provided for Air Releases, Underground Injection, Releases to Surface Waters OR Releases to Land in the following section.	
			* If less than one tonne then data for Total Releases must be provided in the following section.	
			CODES FOR THE NEXT 5 SECTIONS (RELEASES TO AIR, UNDERGROUND INJECTION, SURFACE WATER, LAND, AND TOTAL RELEASES), WHERE xxxxxx = THE DIFFERENT FIELDS IN THE NEXT 5 SECTIONS	
xxxxxx_E	Text	2	Basis of Estimate Code {M, C, E, O, NA} where: M - Monitoring or Direct Measurement C - Mass Balance E - Emission Factors O - Engineering Estimates NA - Not Applicable	
xxxxxx_D	Text	2	For 2000 - Detail Code {bb, AL, BL, BQ} where: bb - Not Applicable AL - Above LoQ BL - Below LoQ (No quantity entered) BQ - Below LoQ (Quantity entered) For 1995-1999, this field lists a quantity Code {A, B, C, D, E, NA } where: A - 0.001 - 0.199 Tonnes B - 0.002 - 0.399 Tonnes C - 0.004 - 0.599 Tonnes D - 0.006 - 0.799 Tonnes E - 0.008 - 0.999 Tonnes NA - Manually entered tonnes	In 2000 the name of this field changed from xxxxxx_Q to xxxxxx_D Only applies for dioxins/furans and hexachlorobenzene
xxxxxx_V	Number	12	Amount of the substance released.	In 2000 the name of this field changed from xxxxxx_R to xxxxxx_V
xxxxxx_N	Number	2	Number of Water Body entries.	
			ON-SITE AIR RELEASES	
AirSta_E	Text	2	Stack / Point	
AirSta_D	Text	2	Stack / Point	2000 - see notes for xxxxxx_D
AirSta_V	Number	12	Stack / Point	2000 - see notes for xxxxxx_V
AirSto_E	Text	2	Storage / Handling	
AirSto_D	Text	2	Storage / Handling	2000 - see notes for xxxxxx_D
AirSto_V	Number	12	Storage / Handling	2000 - see notes for xxxxxx_V
AirFug_E	Text	2	Fugitive	
AirFug_D	Text	2	Fugitive	2000 - see notes for xxxxxx_D
AirFug_V	Number	12	Fugitive	2000 - see notes for xxxxxx_V
AirSpi_E	Text	2	Spills	
AirSpi_D	Text	2	Spills	2000 - see notes for xxxxxx_D
AirSpi_V	Number	12	Spills	2000 - see notes for xxxxxx_V
AirOth_E	Text	2	Other Non-Point	
AirOth_D	Text	2	Other Non-Point	2000 - see notes for xxxxxx_D
AirOth_V	Number	12	Other Non-Point	2000 - see notes for xxxxxx_V
			UNDERGROUND INJECTION RELEASES	

UndInj_E	Text	2	Underground Injection	
UndInj_D	Text	2	Underground Injection	2000 - see notes for xxxxxx_D
UndInj_V	Number	12	Underground Injection	2000 - see notes for xxxxxx_V
			RELEASES TO SURFACE WATERS	
WatDis_E	Text	2	Direct Discharges	
WatDis_D	Text	2	Direct Discharges	2000 - see notes for xxxxxx_D
WatDis_V	Number	12	Direct Discharges	2000 - see notes for xxxxxx_V
WatDis_N	Number	2	Direct Discharges	
WatSpi_E	Text	2	Spills	
WatSpi_D	Text	2	Spills	2000 - see notes for xxxxxx_D
WatSpi_V	Number	12	Spills	2000 - see notes for xxxxxx_V
WatSpi_N	Number	2	Spills	
WatLea_E	Text	2	Leaks	
WatLea_D	Text	2	Leaks	2000 - see notes for xxxxxx_D
WatLea_V	Number	12	Leaks	2000 - see notes for xxxxxx_V
WatLea_N	Number	2	Leaks	
			RELEASES TO LAND	
LanFil_E	Text	2	Landfill	
LanFil_D	Text	2	Landfill	2000 - see notes for xxxxxx_D
LanFil_V	Number	12	Landfill	2000 - see notes for xxxxxx_V
LanFar_E	Text	2	Land Treatment	
LanFar_D	Text	2	Land Treatment	2000 - see notes for xxxxxx_D
LanFar_V	Number	12	Land Treatment	2000 - see notes for xxxxxx_V
LanSpi_E	Text	2	Spills	
LanSpi_D	Text	2	Spills	2000 - see notes for xxxxxx_D
LanSpi_V	Number	12	Spills	2000 - see notes for xxxxxx_V
LanLea_E	Text	2	Leaks	
LanLea_D	Text	2	Leaks	2000 - see notes for xxxxxx_D
LanLea_V	Number	12	Leaks	2000 - see notes for xxxxxx_V
LanOth_E	Text	2	Other	
LanOth_D	Text	2	Other	2000 - see notes for xxxxxx_D
LanOth_V	Number	12	Other	2000 - see notes for xxxxxx_V
			TOTAL RELEASES (AIR, UNDERGROUND INJECTION, WATER, & LAND)	This is a manual entry that can ONLY be made when total releases are less than 1 tonne for part 1 substances. The field Less_1_tonn in the Substanc table should indicate Yes (Y) if there are data in this field.
TotRel_E	Text	2		
TotRel_D	Text	2		2000 - see notes for xxxxxx_D
Rele_Total	Number	14		In 2000 the name of this field changed from TotRel_R to Rele_Total
			YEARLY BREAKDOWN OF RELEASES BY PERCENTAGE IN EACH QUARTER (Quarterly Percentages are required if the substance is released)	
Rele_Q1	Number	3	First quarter	
Rele_Q2	Number	3	Second quarter	
Rele_Q3	Number	3	Third quarter	
Rele_Q4	Number	3	Fourth quarter	
			REASONS FOR CHANGES IN QUANTITIES RELEASED FROM PREVIOUS YEAR	
R_Rele_A	Yes/No	1	Changes in Production Levels	1997
R_Rele_B	Yes/No	1	Changes in Estimation Methods	1997
R_Rele_C	Yes/No	1	Pollution Prevention Activities	1997
R_Rele_D	Yes/No	1	Changes in On-site Treatment	1997
R_Rele_E	Yes/No	1	Changes in Off-site Transfers for Final Disposal	1997
R_Rele_F	Yes/No	1	Changes in Off-site Transfers for Recycling	1997
R_Rele_G	Yes/No	1	Other (specify in comments field B14.2)	1997
R_Rele_H	Yes/No	1	No Significant Change (i.e. < 0 - 10%)	1997
R_Rele_I	Yes/No	1	Not Applicable (First year reporting this substance)	1997
Comm_Rel	Yes/No	1	Are there Release Comments present?	
			ANTICIPATED RELEASES [Anticipated Releases for the next three to five reporting years (-0.0000001 means Not Applicable)]	
A_Rele_1	Number	16	First year	required
A_Rele_2	Number	16	Second year	required
A_Rele_3	Number	16	Third year	required
A_Rele_4	Number	16	Fourth year	optional
A_Rele_5	Number	16	Fifth year	optional
			DO YOU TRANSFER THIS NPRI SUBSTANCE TO OFF-SITE LOCATIONS:	
Disposal	Yes/No	1	For Final Disposal?	

			<p>If the substance is disposed of then one of the following must be selected: Physical Chemical Biological Incineration Containment (Landfill/Other Storage) MSTP Underground Land Treatment</p> <p>* See DR_Trans for quantitative data on disposals.</p>	
Recycling	Text	1	<p>For Recycling?</p> <p>If the Substance is recycled then one of the following must be selected: Energy Recovery Recovery of Solvents Recovery of Organic substances (not solvents) Recovery of metals and metal compounds Recovery of inorganic materials (not metals) Recovery of acids or bases Recovery of Catalysts Recovery of pollution abatement residues Refining or re-use of used oil Other</p> <p>* See DR_Trans for quantitative data on recycling.</p>	Recycling was made mandatory in 1998, prior to 1998 facilities may not have reported Recycling activities, however that does not mean they did not carry out such activities.
			REASONS WHY SUBSTANCE WAS TRANSFERRED OFF-SITE for DISPOSAL or RECYCLING.	
R_Tran_A	Yes/No	1	Production Residues	
R_Tran_B	Yes/No	1	Off-specification products	
R_Tran_C	Yes/No	1	Expiration date passed	
R_Tran_D	Yes/No	1	Contaminated materials	
R_Tran_E	Yes/No	1	Unusable parts or discards	
R_Tran_F	Yes/No	1	Pollution abatement residues	
R_Tran_G	Yes/No	1	Machining or finishing residues	
R_Tran_H	Yes/No	1	Site remediation residues	
R_Tran_I	Yes/No	1	Other	
			POLLUTION PREVENTION ACTIVITIES (P2)	
R_PPA2_A	Yes/No	1	Materials or Feedstock Substitution	1997
R_PPA2_B	Yes/No	1	Product Design or Reformulation	1997
R_PPA2_C	Yes/No	1	Equipment or Process Modifications	1997
R_PPA2_D	Yes/No	1	Spill and Leak Prevention	1997
R_PPA2_E	Yes/No	1	On-site Recovery, Re-use or Recycling	1997
R_PPA2_F	Yes/No	1	Inventory Management or Purchasing Techniques	1997
R_PPA2_G	Yes/No	1	Good Operating Practice or Training	1997
R_PPA2_H	Yes/No	1	Other (specify in comments field B30.2)	1997
R_PPA2_I	Yes/No	1	No Pollution Prevention Activities	1997
Comm_PPA	Yes/No	1	Are there Pollution Prevention Comments present?	1997
			PRODUCTION RATIO / ACTIVITY INDEX (OPTIONAL)	
Act_Index	Number	15	Production Ratio / Activity Index	1997 (optional)

DR_Trans

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
ReportYear	Text	4	The NPRI data reporting year.	
NPRI_ID	Text	10	An assigned unique 10 digit number.	

CAS_Number	Text	11	Chemical Abstracts Service Registry Number of the substance.	
Units	Text	9	Quantities were entered in: tonnes, kg, grams, g TEQ	In 2000 the quantity entered changed from only tonnes to the units specified
City	Text	40	City	
Province	Text	2	Province/Territory	
CN_SI2	Text	2	2 Digit Canadian SIC Code	
CN_SIC	Text	4	4 Digit Canadian SIC Code	
US_SIC	Text	4	4 Digit U.S. SIC Code	
NAICS_2	Text	5	2 Digit NAICS Code	1998
NAICS_4	Text	4	4 Digit NAICS Code	1998
NAICS_6	Text	6	6 Digit NAICS Code	1998
			CODES FOR THE NEXT 2 SECTIONS (TRANSFERS FOR DISPOSAL AND TRANSFERS FOR RECYCLING), WHERE xxxxxx = THE DIFFERENT FIELDS IN THE NEXT 2 SECTIONS	
xxxx_Est	Text	2	Basis of Estimate Code {M, C, E, O, NA} where: M - Monitoring or Direct Measurement C - Mass Balance E - Emission Factors O - Engineering Estimates NA - Not Applicable	1998
xxxx_Det	Text	2	For 2000 - Detail Code {bb, AL, BL, BQ} where: bb - Not Applicable AL - Above LoQ BL - Below LoQ (No quantity entered) BQ - Below LoQ (Quantity entered)	2000 Only applies for dioxins/furans and hexachlorobenzene
xxxx_Val	Number	12	Amount transferred.	In 2000 the name of this field changed from xxxx_Ton to xxxx_Val
xxxx_Cnt	Number	2	Number of Off-site entries.	
			OFF-SITE TRANSFERS IN WASTE FOR FINAL DISPOSAL - Method of Disposal	
Phys_Est	Text	2	Physical Treatment	
Phys_Det	Text	2	Physical Treatment	2000
Phys_Val	Number	12	Physical Treatment	2000 - see notes for xxxx_Val
Phys_Cnt	Text	2	Physical Treatment	
Chem_Est	Text	2	Chemical Treatment	
Chem_Det	Text	2	Chemical Treatment	2000
Chem_Val	Number	12	Chemical Treatment	2000 - see notes for xxxx_Val
Chem_Cnt	Text	2	Chemical Treatment	
Biol_Est	Text	2	Biological Treatment	
Biol_Det	Text	2	Biological Treatment	2000
Biol_Val	Number	12	Biological Treatment	2000 - see notes for xxxx_Val
Biol_Cnt	Text	2	Biological Treatment	
Inci_Est	Text	2	Incineration / Thermal	
Inci_Det	Text	2	Incineration / Thermal	2000
Inci_Val	Number	12	Incineration / Thermal	2000 - see notes for xxxx_Val
Inci_Cnt	Text	2	Incineration / Thermal	
Land_Est	Text	2	Containment (Landfill)	
Land_Det	Text	2	Containment (Landfill)	2000
Land_Val	Number	12	Containment (Landfill)	2000 - see notes for xxxx_Val
Land_Cnt	Text	2	Containment (Landfill)	
Stor_Est	Text	2	Containment (Other Storage)	
Stor_Det	Text	2	Containment (Other Storage)	2000
Stor_Val	Number	12	Containment (Other Storage)	2000 - see notes for xxxx_Val
Stor_Cnt	Text	2	Containment (Other Storage)	
MSTP_Est	Text	2	Municipal Sewage Treatment Plants	
MSTP_Det	Text	2	Municipal Sewage Treatment Plants	2000
MSTP_Val	Number	12	Municipal Sewage Treatment Plants	2000 - see notes for xxxx_Val
MSTP_Cnt	Text	2	Municipal Sewage Treatment Plants	
Unde_Est	Text	2	Underground Injection	
Unde_Det	Text	2	Underground Injection	2000
Unde_Val	Number	12	Underground Injection	2000 - see notes for xxxx_Val
Unde_Cnt	Text	2	Underground Injection	
Farm_Est	Text	2	Land Treatment (Farm)	
Farm_Det	Text	2	Land Treatment (Farm)	2000
Farm_Val	Number	12	Land Treatment (Farm)	2000 - see notes for xxxx_Val
Farm_Cnt	Text	2	Land Treatment (Farm)	

Disp_Total	Number	14	Amount disposed of off-site.	In 2000 the name of this field changed from Quan_Dis to Disp_Total
			REASONS FOR CHANGES IN QUANTITIES DISPOSED FROM PREVIOUS YEAR	
R_Dis_A	Yes/No	1	Changes in Production Levels	
R_Dis_B	Yes/No	1	Changes in Estimation Methods	
R_Dis_C	Yes/No	1	Pollution Prevention Activities	
R_Dis_D	Yes/No	1	Changes in On-site Treatment	
R_Dis_E	Yes/No	1	*** Option (e) is not used here. ***	
R_Dis_F	Yes/No	1	Changes in Off-site Transfers for Recycling	
R_Dis_G	Yes/No	1	Other (specify in comments field B23.2)	
R_Dis_H	Yes/No	1	No Significant Change (i.e. < 0 - 10%)	
R_Dis_I	Yes/No	1	Not Applicable (First year reporting this substance)	
Comm_Dis	Yes/No	1	Are there Disposal Comments present?	
			ANTICIPATED DISPOSALS [Anticipated Releases for the next three to five reporting years (-0.0000001 means Not Applicable)]	
A_Dis_1	Number	16	First Year	
A_Dis_2	Number	16	Second Year	
A_Dis_3	Number	16	Third Year	
A_Dis_4	Number	16	Fourth Year	
A_Dis_5	Number	16	Fifth Year	
			OFF-SITE TRANSFERS FOR RECYCLING - Recycling Method	Recycling was made mandatory in 1998, prior to 1998 facilities may not have reported Recycling activities, however that does not mean they did not carry out such activities.
Ener_Est	Text	2	Energy recovery	
Ener_Det	Text	2	Energy recovery	2000
Ener_Val	Number	12	Energy recovery	2000 - see notes for xxxx_Val
Ener_Cnt	Text	2	Energy recovery	
Solv_Est	Text	2	Recovery of solvents	
Solv_Det	Text	2	Recovery of solvents	2000
Solv_Val	Number	12	Recovery of solvents	2000 - see notes for xxxx_Val
Solv_Cnt	Text	2	Recovery of solvents	
Orga_Est	Text	2	Recovery of organic substances (not solvents)	
Orga_Det	Text	2	Recovery of organic substances (not solvents)	2000
Orga_Val	Number	12	Recovery of organic substances (not solvents)	2000 - see notes for xxxx_Val
Orga_Cnt	Text	2	Recovery of organic substances (not solvents)	
Meta_Est	Text	2	Recovery of metals and metal compounds	
Meta_Det	Text	2	Recovery of metals and metal compounds	2000
Meta_Val	Number	12	Recovery of metals and metal compounds	2000 - see notes for xxxx_Val
Meta_Cnt	Text	2	Recovery of metals and metal compounds	
Inor_Est	Text	2	Recovery of inorganic materials (not metals)	
Inor_Det	Text	2	Recovery of inorganic materials (not metals)	2000
Inor_Val	Number	12	Recovery of inorganic materials (not metals)	2000 - see notes for xxxx_Val
Inor_Cnt	Text	2	Recovery of inorganic materials (not metals)	
Acid_Est	Text	2	Recovery of acids or bases	
Acid_Det	Text	2	Recovery of acids or bases	2000
Acid_Val	Number	12	Recovery of acids or bases	2000 - see notes for xxxx_Val
Acid_Cnt	Text	2	Recovery of acids or bases	
Cata_Est	Text	2	Recovery of catalysts	
Cata_Det	Text	2	Recovery of catalysts	2000
Cata_Val	Number	12	Recovery of catalysts	2000 - see notes for xxxx_Val
Cata_Cnt	Text	2	Recovery of catalysts	
Abat_Est	Text	2	Recovery of pollution abatement residues	
Abat_Det	Text	2	Recovery of pollution abatement residues	2000
Abat_Val	Number	12	Recovery of pollution abatement residues	2000 - see notes for xxxx_Val
Abat_Cnt	Text	2	Recovery of pollution abatement residues	
UOil_Est	Text	2	Refining or re-use of used oil	
UOil_Det	Text	2	Refining or re-use of used oil	2000
UOil_Val	Number	12	Refining or re-use of used oil	2000 - see notes for xxxx_Val
UOil_Cnt	Text	2	Refining or re-use of used oil	
Othe_Est	Text	2	Other	For 1995 and 1996 all quantities were in the Other categories
Othe_Det	Text	2	Other	2000
Othe_Val	Number	12	Other	2000 - see notes for xxxx_Val
Othe_Cnt	Text	2	Other	

Recy_Total	Number	14	Amount recycled off-site.	In 2000 the name of this field changed from Quan_Recy to Recy_Total
			REASONS FOR CHANGES IN QUANTITIES RECYCLED FROM PREVIOUS YEAR	Recycling was made mandatory in 1998, prior to 1998 facilities may not have reported Recycling activities, however that does not mean they did not carry out such activities.
R_Recy_A	Yes/No	1	Changes in Production Levels	
R_Recy_B	Yes/No	1	Changes in Estimation Methods	
R_Recy_C	Yes/No	1	Pollution Prevention Activities	
R_Recy_D	Yes/No	1	Changes in On-site Treatment	
R_Recy_E	Yes/No	1	Changes in Off-site Transfers for Final Disposal	
R_Recy_F	Yes/No	1	*** Option (f) is not used here. ***	
R_Recy_G	Yes/No	1	Other (specify in comments field B26.2)	
R_Recy_H	Yes/No	1	No Significant Change (i.e. < 0 - 10%)	
R_Recy_I	Yes/No	1	Not Applicable (First year reporting this substance)	
Comm_Rec	Yes/No	1	Are there Recycling Comments present?	
			ANTICIPATED RECYCLING [Anticipated recycling for the next three to five reporting years(-0.0000001 means Not Applicable)]	Recycling was made mandatory in 1998, prior to 1998 facilities may not have reported Recycling activities, however that does not mean they did not carry out such activities.
A_Recy_1	Number	16	First year	
A_Recy_2	Number	16	Second year	
A_Recy_3	Number	16	Third year	
A_Recy_4	Number	16	Fourth year	
A_Recy_5	Number	16	Fifth year	

SubsTran

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
ReportYear	Text	4	The NPRI data reporting year.	
NPRI_ID	Text	10	An assigned unique 10 digit number.	
CAS_Number	Text	11	Chemical Abstracts Service Registry Number of the substance.	
Tran_Type	Text	4	Type of Release, Disposal or Recycling: Surface Water Bodies (note these are actually releases and not transfers): "WatD" = Direct Discharge to a water body "WatS" = Spill to a water body "WatL" = Leak to a water body Disposals Off-site: "Phys" = Physical treatment "Chem" = Chemical treatment "Biol" = Biological treatment "Inci" = Incineration/thermal "Land" = Containment (Other storage) "Stor" = Containment (storage) "MSTP" = Municipal Sewage Treatment Plants "Unde" = Underground injection "Farm" = Land treatment (Farm) Recycling: "Ener" = Energy Recovery "Solv" = Recovery of Solvents "Orga" = Recovery of organic substances (not solvents) "Meta" = Recovery of metals and metal compounds "Inor" = Recovery of inorganic materials (not metals) "Acid" = Recovery of acids or bases "Cata" = Recovery of catalysts "Abat" = Recovery of pollution abatement residues "UOil" = Refining or re-use of used oil "Othe" = Other	

Tran_Code	Text	5	A unique 5-digit code identifying the surface water body (this code is equivalent to the Wate_Code in the Streams table) AND For 2000: A unique 5-digit code identifying the Off-site facility (this code is equivalent to the OffS_Code in the OffSites table) OR For 1995 - 1999: A 2-digit code is assigned for each off-site which is specific for each individual NPRI ID (i.e. the same code is used for more than one off-site but not for the same NPRI ID) (this code is equivalent to the Addr_Code in the Address table)	
Tran_Prov	Text	2	Province of Water Body or Off-site	
Tran_Value	Number	12	Amount released or transferred.	
Units	Text	9	Quantities were entered in: tonnes, kg, grams, g TEQ	In 2000 the quantity entered changed from only tonnes to the units specified

Streams

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
ReportYear	Text	4	The NPRI data reporting year.	
Wate_Code	Text	5	A unique surface water body code	
Wate_Prov	Text	2	The province of the surface water body	
Wate_NameE	Text	50	Name of the surface water body (English)	
Wate_NameF	Text	50	Name of the surface water body (French)	

OffSites

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
ReportYear	Text	4	The NPRI data reporting year.	2000
OffS_Code	Text	5	A unique Off-site facility code	2000
OffS_Name	Text	60	Name of the Off-site facility	2000
Canadian	Text	1	Is this a Canadian address? Y / N (Could be multi-purpose)	2000
Address1	Text	40	Address Line 1	2000
Address2	Text	40	Address Line 2	2000
City	Text	40	City name of the Off-site facility	2000
Prov_State	Text	2	Province or state of the Off-site facility	2000
Postal_Zip	Text	40	Postal code or zip code of the Off-site facility	2000
Country	Text	40	Country of the Off-site facility	2000

ProvCode

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
Prov_Code	Text	2	List of 2 character Province Codes	
Prov_NameE	Text	30	English Description	
Prov_NameF	Text	30	French Description	

CSI2Code

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
CSI2_Code	Text	2	List of 2 digit Standard Industrial Classification Codes identifying the types of businesses and industries.	
CSI2_DescE	Text	80	English Description	
CSI2_DescF	Text	80	French Description	

CSICCode

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
CSIC_Code	Text	2	Canadian list of 4 digit Standard Industrial Classification Codes (SIC) identifying the types of businesses and industries.	
ASIC_Code	Text	2	The corresponding American 4 digit Standard Industrial Classification Codes identifying the type of business or industry.	
Fit	Text	1	A "*" indicates that a Canadian SIC Codes falls under more than one American SIC Code and/or vice versa.	
CSIC_DescE	Text	40	Canadian English SIC Description	
ASIC_DescE	Text	40	American English SIC Description	
CSIC_DescF	Text	40	Canadian French SIC Description	
ASIC_DescF	Text	40	American French SIC Description	

NAI2Code

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
NAICS_Code	Text	5	List of 2 digit North American Industrial Classification System Codes identifying the types of businesses and industries.	1998
NAICS_E	Text	80	English Description	1998
NAICS_F	Text	80	French Description	1998

NAI4Code

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
NAICS_Code	Text	4	List of 4 digit North American Industrial Classification System Codes identifying the types of businesses and industries.	1998
NAICS_E	Text	80	English Description	1998
NAICS_F	Text	80	French Description	1998

NAI6Code

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
NAICS_Code	Text	6	List of 2 digit North American Industrial Classification System Codes identifying the types of businesses and industries.	1998
NAICS_E	Text	80	English Description	1998
NAICS_F	Text	80	French Description	1998

ChemCode

Field Name	Type	Width	English Field Description	First year new fields were added to the Reporting Software
CAS_Number	Text	11	List of Chemical Abstracts Service Registry Numbers identifying each specific substance.	
Units	Text	9	The values for this substance were reported in this unit, e.g. tonnes	2000
NPRI	Text	1	Is this a NPRI substance?	
ARET	Text	2	Is this an Accelerated Reduction/Elimination of Toxics (ARET) substance? If yes, the type is identified.	
NERM	Text	1	Is this a National Emissions Reduction Masterplan (NERM) substance (Inventory of the Canadian Chemical Producers' Association)?	
ACID	Text	1	Is the substance an acid?	
PAH	Text	1	Is this a polycyclic aromatic hydrocarbon?	2000

DIOXIN	Text	1	Is this substance polychlorinated dibenzo-p-dioxin?	2000
FURAN	Text	1	Is this substance polychlorinated dibenzofuran?	2000
HCB	Text	1	Is this substance hexachlorobenzene?	2000
Chem_E	Text	40	English Substance Description	
Chem_F	Text	40	French Substance Description	