

Oracle Designer

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Parameter Values

Workarea : GLOBAL SHARED WORKAREA
Container : IAPP
Container Version :
Recurse Sub-Containers : N
Tab/View/Snap Name : %
Diagram :

Includes
Tables : Yes
Views : Yes
Snapshots : Yes
Column Details : Yes

Tables Created
On/After :
and On/Before : 12 May 2006

Tables Changed
On/After :
On/Before : 12 May 2006

Table Definition

Container : IAPP Version :

Snapshot Name : IAPP_BIOLOGICAL_AGENT Alias : IBA

Comment : Identifies an organism used to control an invasive alien plant. Examples: Aceria chondrillae, Longitarsus jacobaeae (Waterhouse), Trichosirocalus horridus (Panzer).

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	BIOLOGICAL_AGENT	NOT NULL	VARCHAR2 (8)
20	LATIN_NAME	NOT NULL	VARCHAR2 (120)

Primary Key

Name	Column
IAPP_BA_PK	BIOLOGICAL_AGENT

Column Detail

- 10 BIOLOGICAL_AGENT
Unique code identifying the bioagent with a space inserted as the fourth character for display.
Optional ? :No ; Varchar2 (8) ;() ; ; Uppercase ? :No ;
- 20 LATIN_NAME
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Snapshot Name : IAPP_BIOLOGICAL_DISPERSAL_POLYAlias : IBY

Comment : An observation of a biocontrol agent that had not been released at this site.

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	BIOLOGICAL_DISPERSAL_ID	NOT NULL	NUMBER (10)
20	SITE_ID	NOT NULL	NUMBER (10)
30	GEOMETRY	NOT NULL	()
31	FEATURE_AREA	NOT NULL	NUMBER ()
40	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
50	INVASIVE_PLANT	NOT NULL	VARCHAR2 (8)
60	INSPECTION_DATE	NOT NULL	DATE
61	BIOLOGICAL_AGENT	NULL	VARCHAR2 (8)
70	PRESENCE_IND	NOT NULL	VARCHAR2 (1)
80	UTM_EASTING	NULL	NUMBER (6)
90	UTM_NORTHING	NULL	NUMBER (7)
91	UTM_ZONE	NULL	NUMBER (2)
150	APP_LINK	NOT NULL	VARCHAR2 (120)

Primary Key

Name	Column
IAPP_BDP_PK	BIOLOGICAL_DISPERSAL_ID

Column Detail

10	BIOLOGICAL_DISPERSAL_ID	Primary unique numeric identifier for a biological dispersal. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
20	SITE_ID	Primary unique numeric identifier for a site. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
30	GEOMETRY	A polygon representing the boundary of a biological monitoring activity. The polygon has two possible sources: it is generated by buffering the point described by the biological monitoring UTM Coordinate; it is captured through digitized geometry that is loaded from external sources. Optional ? :No ; () ;(EMBED) ; MDSYS.SDO_GEOMETRY ; Uppercase ? :No ;
31	FEATURE_AREA	

Table Definition

Container : IAPPVersion :

Column Detail

	The area of the polygon measured in square meters.
	Optional ? :No ; Number () ; () ; ; Uppercase ? :No ;
40	FEATURE_CODE
	An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.
	Optional ? :No ; Varchar2 (10) ; () ; ; Uppercase ? :No ;
50	INVASIVE_PLANT
	The 4 character code for the Invasive Plant Species genus concatenated with the 3 character code for the Invasive Plant Species species.
	Optional ? :No ; Varchar2 (8) ; () ; ; Uppercase ? :No ;
60	INSPECTION_DATE
	Date on which the inspection was made.
	Optional ? :No ; Date ; () ; ; Uppercase ? :No ;
61	BIOLOGICAL_AGENT
	Unique code identifying the bioagent with a space inserted as the fourth character for display.
	Optional ? :Yes ; Varchar2 (8) ; () ; ; Uppercase ? :No ;
70	PRESENCE_IND
	Indicates the presence of a bioagent.
	Optional ? :No ; Varchar2 (1) ; () ; ; Uppercase ? :No ;
80	UTM_EASTING
	The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone).
	Optional ? :Yes ; Number (6) ; () ; ; Uppercase ? :No ;
90	UTM_NORTHING
	The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator).
	Optional ? :Yes ; Number (7) ; () ; ; Uppercase ? :No ;
91	UTM_ZONE
	The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia.
	Optional ? :Yes ; Number (2) ; () ; ; Uppercase ? :No ;
150	APP_LINK
	An http link to view the entity represented by the polygon within the IAPP web application
	Optional ? :No ; Varchar2 (120) ; () ; ; Uppercase ? :No ;

Container : IAPP Version :

Snapshot Name : IAPP_BIOLOGICAL_MONITOR_POLY Alias : BMP

Comment : An inspection of a biocontrol treatment to determine presence at a given location, density per plant or area, amount and type of damage per plant or area, and direction, distance, and rate of movement from release point.

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	MONITORING_ID	NOT NULL	NUMBER (10)
20	TREATMENT_ID	NOT NULL	NUMBER (10)
30	SITE_ID	NOT NULL	NUMBER (10)
31	GEOMETRY	NOT NULL	()
40	FEATURE_AREA	NOT NULL	NUMBER ()
50	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
60	INVASIVE_PLANT	NOT NULL	VARCHAR2 (8)
70	TREATMENT_DATE	NOT NULL	DATE
71	INSPECTION_DATE	NOT NULL	DATE
80	BIOLOGICAL_AGENT	NULL	VARCHAR2 (8)
90	PRESENCE_IND	NOT NULL	VARCHAR2 (1)
100	UTM_EASTING	NULL	NUMBER (6)
110	UTM_NORTHING	NULL	NUMBER (7)
111	UTM_ZONE	NULL	NUMBER (2)
150	APP_LINK	NOT NULL	VARCHAR2 (120)

Primary Key

Name	Column
IAPP_BMO_PK	MONITORING_ID

Column Detail

10	MONITORING_ID	Primary unique numeric identifier for a monitoring. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
20	TREATMENT_ID	Primary unique numeric identifier for an invasive plant control. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
30	SITE_ID	Primary unique numeric identifier for a site. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

31	GEOMETRY	<p>A polygon representing the boundary of a biological monitoring activity. The polygon has two possible sources: it is generated by buffering the point described by the biological monitoring UTM Coordinate; it is captured through digitized geometry that is loaded from external sources.</p> <p>Optional ? :No ; () ;(MBED) ; MDSYS.SDO_GEOMETRY ; Uppercase ? :No ;</p>
40	FEATURE_AREA	<p>The area of the polygon measured in square meters.</p> <p>Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;</p>
50	FEATURE_CODE	<p>An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.</p> <p>Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;</p>
60	INVASIVE_PLANT	<p>The 4 character code for the Invasive Plant Species genus concatenated with the 3 character code for the Invasive Plant Species species.</p> <p>Optional ? :No ; Varchar2 (8) ;() ; ; Uppercase ? :No ;</p>
70	TREATMENT_DATE	<p>Date on which the control was applied.</p> <p>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</p>
71	INSPECTION_DATE	<p>Date on which the inspection was made.</p> <p>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</p>
80	BIOLOGICAL_AGENT	<p>An http link to view the entity represented by the polygon within the IAPP web application</p> <p>Optional ? :Yes ; Varchar2 (8) ;() ; ; Uppercase ? :No ;</p>
90	PRESENCE_IND	<p>Indicates the presence of a bioagent.</p> <p>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</p>
100	UTM_EASTING	<p>The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone).</p> <p>Optional ? :Yes ; Number (6) ;() ; ; Uppercase ? :No ;</p>
110	UTM_NORTHING	<p>The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator).</p> <p>Optional ? :Yes ; Number (7) ;() ; ; Uppercase ? :No ;</p>
111	UTM_ZONE	<p>The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia.</p> <p>Optional ? :Yes ; Number (2) ;() ; ; Uppercase ? :No ;</p>

Table Definition

Container : IAPPVersion :

Column Detail

150 APP_LINK
An http link to view the entity represented by the polygon within the IAPP web application
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;

Container : IAPP Version :

Snapshot Name : IAPP_BIOLOGICAL_TREATMENT_POLY Alias : BTP

Comment : An application of a biological control. Biological control is the use of a weed's natural enemies (chiefly insects and pathogens) to reduce its population below a desired level. It can be divided into the following two approaches: inundative and classical. Inundative biological control uses mass application of an organism to attempt to eliminate a weed from an area. Like all such methods, it does not deal with the residual seed bank in the soil or prevent the weed from establishing from another source at a later date. Classical biological control uses the weed's natural enemies to establish a long-term balance between the biological control organism and the weed. [Source: Integrated Pest Management, <http://www.for.gov.bc.ca/hfp/noxious/integrat.htm>]

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	BIOLOGICAL_TREATMENT_ID	NOT NULL	NUMBER (10)
20	SITE_ID	NOT NULL	NUMBER (10)
30	GEOMETRY	NOT NULL	()
40	FEATURE_AREA	NOT NULL	NUMBER ()
50	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
60	INVASIVE_PLANT	NOT NULL	VARCHAR2 (8)
70	TREATMENT_ID	NOT NULL	NUMBER (10)
80	TREATMENT_DATE	NOT NULL	DATE
90	BIOLOGICAL_AGENT	NULL	VARCHAR2 (8)
100	RELEASE_QUANTITY	NULL	NUMBER (6)
110	UTM_EASTING	NULL	VARCHAR2 (40)
120	UTM_NORTHING	NULL	VARCHAR2 (40)
130	UTM_ZONE	NULL	VARCHAR2 (40)
140	APP_LINK	NOT NULL	VARCHAR2 (120)

Primary Key

Name	Column
IAPP_BTP_PK	BIOLOGICAL_TREATMENT_ID

Column Detail

- 10 BIOLOGICAL_TREATMENT_ID
Primary unique numeric identifier for a biological control.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 20 SITE_ID
Primary unique numeric identifier for a site.

Table Definition

Container : IAPPVersion :

Column Detail

	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
30	GEOMETRY A polygon representing the boundary of a treatment. The polygon has two possible sources: it is generated by buffering the point described by the treatment UTM Coordinate; it is captured through digitized geometry that is loaded from external sources. Optional ? :No ; () ;(MBED) ; MDSYS.SDO_GEOMETRY ; Uppercase ? :No ;
40	FEATURE_AREA The area of the polygon measured in square meters. Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
50	FEATURE_CODE An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification. Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
60	INVASIVE_PLANT The 4 character code for the Invasive Plant Species genus concatenated with the 3 character code for the Invasive Plant Species species. Optional ? :No ; Varchar2 (8) ;() ; ; Uppercase ? :No ;
70	TREATMENT_ID Primary unique numeric identifier for an invasive plant control. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
80	TREATMENT_DATE Date on which the control was applied. Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
90	BIOLOGICAL_AGENT Unique code identifying the bioagent with a space inserted as the fourth character for display. Optional ? :Yes ; Varchar2 (8) ;() ; ; Uppercase ? :No ;
100	RELEASE_QUANTITY Number of insects released. Optional ? :Yes ; Number (6) ;() ; ; Uppercase ? :No ;
110	UTM_EASTING The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone). Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
120	UTM_NORTHING The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator). Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
130	UTM_ZONE The Universal Transverse Mercator location reference known as the Zone

Table Definition

Container : IAPPVersion :

Column Detail

reference. Ranges from 8 to 11 for British Columbia.
Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;

140 APP_LINK
An http link to view the entity represented by the polygon within the IAPP web application
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;

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Snapshot Name :	Alias	: ICTP
IAPP_CHEMICAL_TREATMENT_POLY		

Description :

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	CHEMICAL_TREATMENT_ID	NOT NULL	NUMBER (38)
20	SITE_ID	NOT NULL	NUMBER (10)
30	GEOMETRY	NOT NULL	()
40	FEATURE_AREA	NOT NULL	NUMBER ()
50	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
60	INVASIVE_PLANT	NOT NULL	VARCHAR2 (8)
70	TREATMENT_ID	NOT NULL	NUMBER (10)
80	TREATMENT_DATE	NOT NULL	DATE
90	AREA_TREATED	NULL	NUMBER (15, 4)
100	HERBICIDE_CODE	NOT NULL	VARCHAR2 (1)
110	HERBICIDE	NOT NULL	VARCHAR2 (120)
120	CHEMICAL_METHOD	NOT NULL	VARCHAR2 (120)
130	UTM_EASTING	NULL	VARCHAR2 (40)
140	UTM_NORTHING	NULL	VARCHAR2 (40)
150	UTM_ZONE	NULL	VARCHAR2 (40)
170	APP_LINK	NOT NULL	VARCHAR2 (120)

<u>Name</u>	<u>Column</u>
IAPP_CTP_PK	CHEMICAL_TREATMENT_ID

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10  CHEMICAL_TREATMENT_ID
    Primary unique numeric identifier for a chemical control.
    Optional ? :No ; Number (38) ;() ; ; Uppercase ? :No ;
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Table Definition

Container : IAPPVersion :

Column Detail

20	SITE_ID	Primary unique numeric identifier for a site. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
30	GEOMETRY	A polygon representing the boundary of a treatment. The polygon has two possible sources: it is generated by buffering the point described by the treatment UTM Coordinate; it is captured through digitized geometry that is loaded from external sources. Optional ? :No ; () ;(MBED) ; MDSYS.SDO_GEOMETRY ; Uppercase ? :No ;
40	FEATURE_AREA	The area of the polygon measured in square meters. Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
50	FEATURE_CODE	An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification. Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
60	INVASIVE_PLANT	The 4 character code for the Invasive Plant Species genus concatenated with the 3 character code for the Invasive Plant Species species. Optional ? :No ; Varchar2 (8) ;() ; ; Uppercase ? :No ;
70	TREATMENT_ID	Primary unique numeric identifier for an invasive plant control. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
80	TREATMENT_DATE	Date on which the control was applied. Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
90	AREA_TREATED	Area (hectares) treated with the chemical control. Optional ? :Yes ; Number (15, 4) ;() ; ; Uppercase ? :No ;
100	HERBICIDE_CODE	Unique code identify the herbicide. Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
110	HERBICIDE	The full name of the herbicide used in the treatment. Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
120	CHEMICAL_METHOD	Indicates the application method for the herbicide. Examples: Boomless Nozzle, Fixed Boom. Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
130	UTM_EASTING	The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone).

Table Definition

Container : IAPPVersion :

Column Detail

	Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
140	UTM_NORTHING The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator). Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
150	UTM_ZONE The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia. Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
170	APP_LINK An http link to view the entity represented by the polygon within the IAPP web application Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Snapshot Name : IAPP_CONTAINMENT_AREA_SPAlias : CA

Comment : IAPP CONTAINMENT AREA SP is a closed polygon which delineates an invasive plant population within this established boundary where action is taken to prevent its spread beyond the polygon. Treatment within the polygon will occur for a specific invasive plant when critical thresholds are met or exceeded as defined by the treatment matrix. Containment lines are normally drawn at a provincial (broad) scale and are intended to mimic distinct geographic breaks such as height-of-land, a river or major highway.

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
2	CONTAINMENT_POLY_ID	NOT NULL	NUMBER (10)
5	INVASIVE_PLANT	NOT NULL	VARCHAR2 (8)
10	GEOMETRY	NOT NULL	()
40	FEATURE_AREA	NOT NULL	NUMBER ()
50	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
70	ENTRY_TIMESTAMP	NOT NULL	DATE

Primary Key

Name	Column
IAPP_CA_PK	CONTAINMENT_POLY_ID

Column Detail

- 2

CONTAINMENT_POLY_ID

CONTAINMENT POLY ID is a unique surrogate key for the materialized view IAPP CONTAINMENT AREA SP.

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; Sequence :IAPP_CONTAINMENT_POLY_SEQ ;
- 5

INVASIVE_PLANT

INVASIVE PLANT is a concatenation of the 4 character GENUS CODE and the 3 character SPECIES CODE that form the a unique key for the IAPP INVASIVE PLANT SPECIES materialized view. The GENUS CODE and SPECIES CODE are used together by the business to identify Invasive Plant species.

Optional ? :No ; Varchar2 (8) ;() ; ; Uppercase ? :No ;
- 10

GEOMETRY

GEOMETRY is a closed polygon which delineates a "containment line" for an invasive plant species. Containment lines are normally drawn at a provincial (broad) scale and are intended to mimic distinct geographic breaks such as height-of-land, a river or major highway. The polygon is captured through

Table Definition

Container : IAPPVersion :

Column Detail

	digitized geometry that is loaded from external sources. Optional ? :No ; () ;(MBED) ; MDSYS.SDO_GEOMETRY ; Uppercase ? :No ;
40	FEATURE_AREA FEATURE AREA is the area of the GEOMETRY polygon measured in square meters. This column is included so that Oracle Spatial functions are not required to determine the area of the GEOMETRY. Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
50	FEATURE_CODE FEATURE CODE is an alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification. Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
70	ENTRY_TIMESTAMP ENTRY TIMESTAMP is the date and time that the IAPP CONTAINMENT AREA SP record was inserted into the operational table. Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Snapshot Name : IAPP_HERBICIDE_CODEAlias : IHC

Comment : Identifies a herbicide - a pesticide used to kill plants and control vegetation.
Examples: Tordon 22K, Round-up. [Source: Integrated Pest Management Manual for
Landscape Pests in British Columbia,
<http://wlapwww.gov.bc.ca/epd/epdpa/eripm/landspdf/glosary.pdf>].

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	HERBICIDE_CODE	NOT NULL	VARCHAR2 (1)
20	DESCRIPTION	NOT NULL	VARCHAR2 (120)
30	EFFECTIVE_DATE	NOT NULL	DATE
40	EXPIRY_DATE	NOT NULL	DATE
50	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

Name	Column
HC_PK_1	HERBICIDE_CODE

Column Detail

10	HERBICIDE_CODE	Unique code identify the herbicide. Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
20	DESCRIPTION	Description of the code. Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
30	EFFECTIVE_DATE	Effective date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
40	EXPIRY_DATE	Expiry date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
50	UPDATE_TIMESTAMP	Update date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Snapshot Name : IAPP_INVASIVE_PLANTAlias : IIP

Comment : Invasive plants (also commonly referred to as "weeds") are typically non-native plants that have found their way into British Columbia without the insect predators and/or plant pathogens that help keep them in check in their native habitats. Noxious weeds are weeds that have been designated as noxious by the Ministry of Agriculture and Food's Weed Act. Weeds often exhibit aggressive growth and typically out-compete native plant species in new habitats. As a result, weeds are difficult to control and can adversely affect BC's natural resources. [Source: Invasive Plant Program Home Page, <http://www.for.gov.bc.ca/hfp/noxious/index.htm>]

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	INVASIVE_PLANT_ID	NOT NULL	NUMBER (10)
20	ENTRY_TIMESTAMP	NOT NULL	DATE
30	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
40	UPDATE_TIMESTAMP	NOT NULL	DATE
50	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
60	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
70	SPECIES_CODE	NOT NULL	VARCHAR2 (3)
80	GENUS_CODE	NOT NULL	VARCHAR2 (4)
90	SITE_ID	NOT NULL	NUMBER (10)

Primary Key

Name	Column
IP_PK_1	INVASIVE_PLANT_ID

Column Detail

10	INVASIVE_PLANT_ID	Primary unique numeric identifier for an invasive plant. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
20	ENTRY_TIMESTAMP	Entered date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
30	ENTRY_USERID	Entered by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
40	UPDATE_TIMESTAMP	Updated date/time

Container : IAPP Version :

Column Detail

	Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
50	UPDATE_USERID Updated by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
60	REVISION_COUNT Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with. Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
70	SPECIES_CODE The 3 character code for the Invasive Plant Species species. Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;
80	GENUS_CODE The 4 character code for the Invasive Plant Species genus. Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
90	SITE_ID Primary unique numeric identifier for a site. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Snapshot Name :Alias : IPSP
IAPP_INVASIVE_PLANT_SITE_POLY

Comment : An area with confirmed ground sightings of invasive alien plants. Within this inventory area, all roads accessible by a four-wheel drive vehicle that cross potential habitat will be checked for occurrences of invasive plants. Plants on both sides of the road will be identified as far as can be seen from the road, or as defined for specific inventory projects. In addition, all major disturbances including but not limited to landings, log sort yards, burned areas, gravel pits, air strips, landfills, parking lots, construction or maintenance sites and recreational sites and trails within the potential habitat will be checked. [Source: IAPP Inventory Standards - Interim for 2004, <http://www.for.gov.bc.ca/hcp/fia/landbase/MoFIPPIInventoryStandards.pdf>]

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	SITE_ID	NOT NULL	NUMBER (10)
20	GEOMETRY	NOT NULL	()
30	FEATURE_AREA	NOT NULL	NUMBER ()
40	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
50	SITE_CREATED_DATE	NOT NULL	DATE
60	SLOPE	NULL	NUMBER (3)
70	ASPECT	NULL	NUMBER (3)
80	ELEVATION	NULL	NUMBER (5)
90	BGC_ZONE_CODE	NULL	VARCHAR2 (4)
100	BGC_SUBZONE_CODE	NULL	VARCHAR2 (3)
110	VARIANT	NULL	VARCHAR2 (1)
120	PHASE	NULL	VARCHAR2 (1)
130	BEC_SITE_SERIES_CD	NULL	VARCHAR2 (2)
140	UTM_EASTING	NULL	VARCHAR2 (40)
150	UTM_NORTHING	NULL	VARCHAR2 (40)
160	UTM_ZONE	NULL	VARCHAR2 (40)
170	MAPSHEET	NOT NULL	VARCHAR2 (7)
180	RANGE_UNIT_ID	NULL	VARCHAR2 (10)
190	ROLLUP_DIST_CODE	NULL	VARCHAR2 (6)
200	JURISDICTION	NULL	VARCHAR2 (120)
210	MAP_LABEL	NULL	VARCHAR2 (50)
220	APP_LINK	NOT NULL	VARCHAR2 (120)

Primary Key

Name	Column
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Table Definition

Container : IAPP Version :

<u>Name</u>	<u>Column</u>
IAPP_IPSP_PK	SITE_ID

Column Detail

10 SITE_ID
Primary unique numeric identifier for a site.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

20 GEOMETRY
A polygon representing the boundary of an Invasive Alien Plant site. The polygon has two possible sources: it is generated by buffering the point described by the Site UTM Coordinate; it is captured through digitized geometry that is loaded from external sources.
Optional ? :No ; () ;(EMBED) ; MDSYS.SDO_GEOMETRY ; Uppercase ? :No ;

30 FEATURE_AREA
The area of the polygon measured in square meters.
Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;

40 FEATURE_CODE
An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.
Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;

50 SITE_CREATED_DATE
Date on which this site was initially created.
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

60 SLOPE
Steepness of the ground, in percent.
Optional ? :Yes ; Number (3) ;() ; ; Uppercase ? :No ;

70 ASPECT
Compass bearing in degrees of the direction in which a slope faces.
Optional ? :Yes ; Number (3) ;() ; ; Uppercase ? :No ;

80 ELEVATION
Distance above sea-level, in metres.
Optional ? :Yes ; Number (5) ;() ; ; Uppercase ? :No ;

90 BGC_ZONE_CODE
A code used to designate a large geographic area having similar patterns of energy flow, vegetation, and soils as a result of a broad, homogeneous macroclimate. Biogeoclimatic Zones are unique within the province of British Columbia.
Optional ? :Yes ; Varchar2 (4) ;() ; ; Uppercase ? :No ;

100 BGC_SUBZONE_CODE
A code used to designate a division of a specific biogeoclimatic Zone; a geographic area with a fairly uniform regional climate and a typical pattern of vegetation and soils. Subzones are not unique. They are only meaningful in

Table Definition

Container : IAPPVersion :

Column Detail

	conjunction with a Zone.
	Optional ? :Yes ; Varchar2 (3) ;() ; ; Uppercase ? :No ;
110	VARIANT
	A one digit number used to denote a division of a specific biogeoclimatic subzone; A geographic area with a more specific regional climate. A variant has a specific pattern of vegetation and soils. Variants are only meaningful within a Zone and Subzone.
	Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
120	PHASE
	A one character code used to denote an atypical area, resulting from local relief, in the regional climate of the subzones and variants. Phases are not unique. They only have meaning in combination with a specific Zone, Subzone and Variant.
	Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
130	BEC_SITE_SERIES_CD
	All sites capable of producing the same mature or climax plant communities within a biogeoclimatic subzone or variant.
	Optional ? :Yes ; Varchar2 (2) ;() ; ; Uppercase ? :No ;
140	UTM_EASTING
	The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone).
	Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
150	UTM_NORTHING
	The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator).
	Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
160	UTM_ZONE
	The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia.
	Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
170	MAPSHEET
	The 1:20,000 BCGS (British Columbia Geographic System) Mapsheet Number.
	Optional ? :No ; Varchar2 (7) ;() ; ; Uppercase ? :No ;
180	RANGE_UNIT_ID
	Primary unique numeric identifier for a range unit.
	Optional ? :Yes ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
190	ROLLUP_DIST_CODE
	Optional ? :Yes ; Varchar2 (6) ;() ; ; Uppercase ? :No ;
200	JURISDICTION
	The authority or title owner for the parcel of land that a site resides on. Examples: Crown Land, Military, Indian Reserves.
	Optional ? :Yes ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
210	MAP_LABEL

Table Definition

Container : IAPPVersion :

Column Detail

The concatenation of the map symbols of all the invasive plants on the site.
Optional ? :Yes ; Varchar2 (50) ;() ; ; Uppercase ? :No ;

220 APP_LINK
An http link to view the entity represented by the polygon within the IAPP web application
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;

Container : IAPP Version :

Comment : Identifies the species of an invasive alien plant. Examples: *Abutilon theophrasti* (Velvet leaf), *Madia glomerata* (Cluster tarweed), *Tribulus terrestris* (Puncturevine).

Description :

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls</u> ?	<u>Type</u>
10	GENUS_CODE	NOT NULL	VARCHAR2 (4)
20	SPECIES_CODE	NOT NULL	VARCHAR2 (3)
30	LATIN_NAME	NOT NULL	VARCHAR2 (100)
40	COMMON_NAME	NOT NULL	VARCHAR2 (100)
50	MAP_SYMBOL	NOT NULL	VARCHAR2 (2)
60	ENTRY_TIMESTAMP	NOT NULL	DATE
70	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
80	UPDATE_TIMESTAMP	NOT NULL	DATE
90	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
IPS_PK_1	GENUS_CODE SPECIES_CODE

Column Detail

```

10  GENUS_CODE
    The 4 character code for the Invasive Plant Species genus.
    Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;

20  SPECIES_CODE
    The 3 character code for the Invasive Plant Species species.
    Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;

30  LATIN_NAME
    Latin name for the invasive plant species. Examples: Abutilon theophrasti,
    Carduus nutans, Chrysanthemum leucanthemum.
    Optional ? :No ; Varchar2 (100) ;() ; ; Uppercase ? :No ;

40  COMMON_NAME
    Common name for the invasive plant species. Examples: Velvet leaf, Nodding
    thistle, Oxeye daisy.
    Optional ? :No ; Varchar2 (100) ;() ; ; Uppercase ? :No ;

50  MAP_SYMBOL

```

Table Definition

Container : IAPPVersion :

Column Detail

Used for labeling on maps.
Optional ? :No ; Varchar2 (2) ;() ; ; Uppercase ? :No ;

60ENTRY_TIMESTAMP
Entered date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

70ENTRY_USERID
Entered by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

80UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

90UPDATE_USERID
Updated by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Snapshot Name :Alias : IIPY
IAPP_INVASIVE_PLANT_SURVEY

Comment : An historical record of all surveys done regarding a paticular species of invasive plant on the site. Provides a chronological recording of the change in distribution and density of invasive plants on the site.

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	SURVEY_ID	NOT NULL	NUMBER (10)
20	PAPER_FILE_ID	NULL	VARCHAR2 (20)
30	ESTIMATED_AREA	NOT NULL	NUMBER (15, 4)
45	SURVEY_DATE	NOT NULL	DATE
50	PRECISE_SURVEY_IND	NOT NULL	VARCHAR2 (1)
60	FOUND_IND	NOT NULL	VARCHAR2 (1)
70	COMMENTS	NULL	VARCHAR2 (2000)
80	ENTRY_TIMESTAMP	NOT NULL	DATE
90	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
100	UPDATE_TIMESTAMP	NOT NULL	DATE
110	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
120	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
130	INVASIVE_PLANT_DISTRIB_CODE	NULL	VARCHAR2 (1)
140	INVASIVE_PLANT_DENSITY_CODE	NULL	VARCHAR2 (1)
150	EMPLOYER_ID	NULL	NUMBER (10)
160	INVASIVE_PLANT_ID	NOT NULL	NUMBER (10)
170	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)

Primary Key

Name	Column
SRVY_PK_1	SURVEY_ID

Column Detail

10	SURVEY_ID	Primary unique numeric identifier for an Invasive Plant Survey. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
20	PAPER_FILE_ID	The file identification number used to reference the corresponding paperwork for this record. Optional ? :Yes ; Varchar2 (20) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

30	ESTIMATED_AREA	Estimated area (hectares) covered by the invasive alien plant. Optional ? :No ; Number (15, 4) ;() ; ; Uppercase ? :No ;
45	SURVEY_DATE	Date on which the presence of this invasive alient plant was recorded. Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
50	PRECISE_SURVEY_IND	Indicates that the survey data was collected by precise methods specified in program documentation. Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
60	FOUND_IND	Indicates that the Invasive Plant was found on this survey. If this indicator is false then estimated area must be zero and distribution and density codes must be null. Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
70	COMMENTS	A free-format, user-entered comment on the invasive alient plant. Optional ? :Yes ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;
80	ENTRY_TIMESTAMP	Entered date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
90	ENTRY_USERID	Entered by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
100	UPDATE_TIMESTAMP	Updated date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
110	UPDATE_USERID	Updated by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
120	REVISION_COUNT	Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with. Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
130	INVASIVE_PLANT_DISTRIB_CODE	Unique code identifying the distribution of the plants. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
140	INVASIVE_PLANT_DENSITY_CODE	Unique code identifying the density of the plants. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
150	EMPLOYER_ID	

Container : IAPP Version :

Column Detail

	Primary unique numeric identifier for an employer.
	Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;
160	INVASIVE_PLANT_ID
	Primary unique numeric identifier for an invasive plant.
	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
170	INVASIVE_PLANT_AGENCY_CODE
	Unique code identifying the agency.
	Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;

Container : IAPP Version :

Snapshot Name : IAPP_MECHANICAL_TREATMENT_POLY Alias : IMY

Comment : An application of a mechanical or cultural control. Mechanical weed control employs various implements and techniques to physically disturb weeds or to interrupt their reproduction by depleting root reserves through repeated defoliation of the plant. Mechanical control includes the mowing, ploughing, chopping, and crushing of weeds.

Description :

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	MECHANICAL_TREATMENT_ID	NOT NULL	NUMBER (10)
20	SITE_ID	NOT NULL	NUMBER (10)
21	GEOMETRY	NOT NULL	()
30	FEATURE_AREA	NOT NULL	NUMBER ()
31	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
40	INVASIVE_PLANT	NOT NULL	VARCHAR2 (8)
50	TREATMENT_ID	NOT NULL	NUMBER (10)
60	TREATMENT_DATE	NOT NULL	DATE
70	AREA_TREATED	NOT NULL	NUMBER (15, 4)
80	MECHANICAL_METHOD	NOT NULL	VARCHAR2 (120)
130	UTM_EASTING	NULL	VARCHAR2 (40)
140	UTM_NORTHING	NULL	VARCHAR2 (40)
150	UTM_ZONE	NULL	VARCHAR2 (40)
160	APP_LINK	NOT NULL	VARCHAR2 (120)

Primary Key

<u>Name</u>	<u>Column</u>
IAPP_MTP_PK	MECHANICAL_TREATMENT_ID

Column Detail

10	MECHANICAL_TREATMENT_ID	Primary unique numeric identifier for a mechanical control. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
20	SITE_ID	Primary unique numeric identifier for a site. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
21	GEOMETRY	A polygon representing the boundary of a treatment. The polygon has two possible sources: it is generated by buffering the point described by the treatment UTM Coordinate; it is captured through digitized geometry that is

Table Definition

Container : IAPPVersion :

Column Detail

	loaded from external sources.
	Optional ? :No ; () ;(MBED) ; MDSYS.SDO_GEOMETRY ; Uppercase ? :No ;
30	FEATURE_AREA
	The area of the polygon measured in square meters.
	Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
31	FEATURE_CODE
	An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.
	Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
40	INVASIVE_PLANT
	The 4 character code for the Invasive Plant Species genus concatenated with the 3 character code for the Invasive Plant Species species.
	Optional ? :No ; Varchar2 (8) ;() ; ; Uppercase ? :No ;
50	TREATMENT_ID
	Primary unique numeric identifier for an invasive plant control.
	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
60	TREATMENT_DATE
	Date on which the control was applied.
	Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
70	AREA_TREATED
	Area (hectares) over which the mechanical control was applied.
	Optional ? :No ; Number (15, 4) ;() ; ; Uppercase ? :No ;
80	MECHANICAL_METHOD
	Unique code identifying the mechanical control method.
	Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
130	UTM_EASTING
	The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone).
	Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
140	UTM_NORTHING
	The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator).
	Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
150	UTM_ZONE
	The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia.
	Optional ? :Yes ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
160	APP_LINK
	An http link to view the entity represented by the polygon within the IAPP web application
	Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Table Name : AGENCY_SPATIAL_TABLE_LOOKUPAlias : ASTL
Display Title : Agency Spatial Table Lookup

Description :

User/Help Text :

Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	TABLE_ID	NOT NULL	NUMBER (10)
2	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)
3	TABLE_NAME	NOT NULL	VARCHAR2 (30)
4	DESCRIPTION	NOT NULL	VARCHAR2 (40)
5	ENTRY_TIMESTAMP	NOT NULL	DATE
6	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
7	UPDATE_TIMESTAMP	NOT NULL	DATE
8	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

Name	Column
ASTL_PK	TABLE_ID

Other Unique Keys

Name	Column
ASTL_ASTL_DESC_UK	INVASIVE_PLANT_AGENCY_CODE DESCRIPTION
ASTL_ASTL_TBL_UK	INVASIVE_PLANT_AGENCY_CODE TABLE_NAME

Foreign Keys

ASTL_IPAC_FK	
INVASIVE_PLANT_AGENCY_CODE	references
INVASIVE_PLANT_AGENCY_CODE	INVASIVE_PLANT_AGENCY_CODE
Transferable ?	YesUpdate Rule : Restricted
Mandatory ?	YesDelete Rule : Restricted

Container : IAPP Version :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
ASTL_IPAC_FK_I	20	INVASIVE_PLANT_AGENCY_CODE	NOT UNIQUE

Column Detail

- 1

TABLE_ID

Primary unique numeric identifier for an Agency Spatial Table reference.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; Sequence :AGENCY_SPATIAL_TABLE_LKP_SEQ ;
- 2

INVASIVE_PLANT_AGENCY_CODE

Unique code identifying the agency.
Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
- Notes
- 3

TABLE_NAME

The Oracle table name for the Agency Spatial Table being referenced. Does NOT include the owner name.
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 4

DESCRIPTION

A short description for the contents of the Agency Spatial Table being referenced. This description does not need to reference the Agency that the table is applicable to. It should identify the nature of the spatial data in the table.
Optional ? :No ; Varchar2 (40) ;() ; ; Uppercase ? :No ;
- 5

ENTRY_TIMESTAMP

Entered date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 6

ENTRY_USERID

Entered by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 7

UPDATE_TIMESTAMP

Updated date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 8

UPDATE_USERID

Updated by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPP Version :

Column Detail

Table Definition

Container : IAPPVersion :

Table Name : AREA_CLASSIFICATION_CODEAlias : ACC
Display Title : Area Classification Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	AREA_CLASSIFICATION_CODE	NOT NULL	VARCHAR2 (1)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
ACC_PK	AREA_CLASSIFICATION_CODE

Column Detail

- 1AREA_CLASSIFICATION_CODE
Unique code identifying the classification of the area. Possible values are Research and Collection
Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

5UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : BEC_CODE_TABLEAlias : BCT
Display Title : Bec Code Table

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	BEC_CODE_ID	NOT NULL	NUMBER (4)

Primary Key

<u>Name</u>	<u>Column</u>
BCT_PK	BEC_CODE_ID

Column Detail

1 BEC_CODE_ID
Unique identifier for biogeoclimatic unit code.
Optional ? :No ; Number (4) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : BEC_SITE_SERIESAlias : BSS
Display Title : Bec Site Series

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	BEC_SITE_SERIES_ID	NOT NULL	NUMBER (10)

Primary Key

<u>Name</u>	<u>Column</u>
BSS_PK	BEC_SITE_SERIES_ID

Column Detail

1 BEC_SITE_SERIES_ID
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Table Name :
BIOAGENT_MATURITY_STATUS_CODE

Alias : BMSC
Display Title : Bioagent Maturity Status Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :
Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	BIOAGENT_MATURITY_STATUS_CODE	NOT NULL	VARCHAR2 (1)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
BMSC_PK	BIOAGENT_MATURITY_STATUS_CODE

Column Detail

- 1BIOAGENT_MATURITY_STATUS_CODE
Unique code identifying the status.
Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPP Version :

Column Detail

5 UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : BIOLOGICAL_AGENT_CODEAlias : BAC
Display Title : Biological Agent Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	BIOLOGICAL_AGENT_CODE	NOT NULL	VARCHAR2 (7)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
BAC_PK	BIOLOGICAL_AGENT_CODE

Column Detail

- 1

BIOLOGICAL_AGENT_CODE
Unique code identifying the bioagent.
Optional ? :No ; Varchar2 (7) ;() ; ; Uppercase ? :No ;
- Notes

2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time

Table Definition

Container : IAPP Version :

Column Detail

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

5 UPDATE_TIMESTAMP

Update date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : BIOLOGICAL_AGENT_EXCEPTIONAlias : BAE
Display Title : Biological Agent Exception

Description :

User/Help Text :

Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	EXCEPTION_ID	NOT NULL	NUMBER (10)
3	BIOLOGICAL_TREATMENT_ID	NULL	NUMBER (10)
5	BIOLOGICAL_DISPERSAL_ID	NULL	NUMBER (10)
6	PROPOSED_ACTIVITY_ID	NULL	NUMBER (10)
7	BIOLOGICAL_AGENT_CODE	NOT NULL	VARCHAR2 (7)
8	GENUS_CODE	NOT NULL	VARCHAR2 (4)
9	SPECIES_CODE	NOT NULL	VARCHAR2 (3)
10	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)
11	EXCEPTION_COMMENTS	NOT NULL	VARCHAR2 (2000)
12	ENTRY_TIMESTAMP	NOT NULL	DATE
13	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
14	UPDATE_TIMESTAMP	NOT NULL	DATE
15	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
16	REVISION_COUNT	NOT NULL	NUMBER (10, 0)

Primary Key

Name	Column
BAE_PK	EXCEPTION_ID

Column Detail

- 1EXCEPTION_ID
Primary unique identifier for a Biological Agent Exception
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 3BIOLOGICAL_TREATMENT_ID
Primary unique numeric identifier for a biological control.

Container : IAPPVersion :

Foreign Keys

BAE_BAC_FK

BIOLOGICAL_AGENT_CODE references
BIOLOGICAL_AGENT_CODE.BIOLOGICAL_AGENT_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

BAE_BD_FK

BIOLOGICAL_DISPERSAL_ID references
BIOLOGICAL_DISPERSAL.BIOLOGICAL_DISPERSAL_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

BAE_BT_FK

BIOLOGICAL_TREATMENT_ID references
BIOLOGICAL_TREATMENT.BIOLOGICAL_TREATMENT_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

BAE_IPAC_FK

INVASIVE_PLANT_AGENCY_CODE references
INVASIVE_PLANT_AGENCY_CODE.INVASIVE_PLANT_AGENCY_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

BAE_IPS_FK

GENUS_CODE references INVASIVE_PLANT_SPECIES.GENUS_CODE
SPECIES_CODE references INVASIVE_PLANT_SPECIES.SPECIES_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

BAE_PA_FK

PROPOSED_ACTIVITY_ID references
PROPOSED_IAPP_ACTIVITY.PROPOSED_ACTIVITY_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

Check Constraints

Name	Where Validate Clause
BAE_CONTEXT_ARC_CC	(BIOLOGICAL_TREATMENT_ID IS NOT NULL AND BIOLOGICAL_DISPERSAL_ID IS NULL AND PROPOSED_ACTIVITY_ID IS NULL) OR (BIOLOGICAL_TREATMENT_ID IS NULL AND BIOLOGICAL_DISPERSAL_ID IS NOT NULL AND PROPOSED_ACTIVITY_ID IS NULL) OR (BIOLOGICAL_TREATMENT_ID IS NULL AND BIOLOGICAL_DISPERSAL_ID IS NULL AND PROPOSED_ACTIVITY_ID IS NOT NULL)

Container : IAPP Version :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
BAE_BAC_FK_I	20	BIOLOGICAL_AGENT_CODE	NOT UNIQUE
BAE_BD_FK_I	20	BIOLOGICAL_DISPERSAL_ID	NOT UNIQUE
BAE_BT_FK_I	50	BIOLOGICAL_TREATMENT_ID	NOT UNIQUE
BAE_IPAC_FK_I	20	INVASIVE_PLANT_AGENCY_CODE	NOT UNIQUE
BAE_IPS_FK_I	20	GENUS_CODE	NOT UNIQUE
BAE_IPS_FK_I	40	SPECIES_CODE	NOT UNIQUE
BAE_PA_FK_I	50	PROPOSED_ACTIVITY_ID	NOT UNIQUE

Column Detail

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

5 BIOLOGICAL_DISPERSAL_ID
Primary unique numeric identifier for a biological dispersal.
Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

6 PROPOSED_ACTIVITY_ID
Primary unique numeric identifier for a proposed IAPP activity record.
Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

7 BIOLOGICAL_AGENT_CODE
Unique code identifying the bioagent.
Optional ? :No ; Varchar2 (7) ;() ; ; Uppercase ? :No ;

Notes

8 GENUS_CODE
The 4 character code for the Invasive Plant Species genus.
Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;

9 SPECIES_CODE
The 3 character code for the Invasive Plant Species species.
Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;

10 INVASIVE_PLANT_AGENCY_CODE
Unique code identifying the agency.
Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

	Notes
11	<div>EXCEPTION_COMMENTS</div> <div>Exception comments entered by user at time of data entry and appropriate use of Biological Agent exception.</div> <div>Optional ? :No ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;</div>
12	<div>ENTRY_TIMESTAMP</div> <div>Entered date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
13	<div>ENTRY_USERID</div> <div>Entered by</div> <div>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</div>
14	<div>UPDATE_TIMESTAMP</div> <div>Updated date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
15	<div>UPDATE_USERID</div> <div>Updated by</div> <div>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</div>
16	<div>REVISION_COUNT</div> <div>Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.</div> <div>Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;</div>

Table Definition

Container : IAPPVersion :

Table Name : BIOLOGICAL_AGENT_MATURITYAlias : BAM
Display Title : Biological Agent Maturity

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	GENUS_CODE	NOT NULL	VARCHAR2 (4)
2	SPECIES_CODE	NOT NULL	VARCHAR2 (3)
3	BIOLOGICAL_AGENT_CODE	NOT NULL	VARCHAR2 (7)
4	ENTRY_TIMESTAMP	NOT NULL	DATE
5	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
6	UPDATE_TIMESTAMP	NOT NULL	DATE
7	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
8	BIOAGENT_MATURITY_STATUS_CODE	NOT NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
BAM_PK	BIOLOGICAL_AGENT_CODE GENUS_CODE SPECIES_CODE

Column Detail

- 1GENUS_CODE
The 4 character code for the Invasive Plant Species genus.
Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
- 2SPECIES_CODE
The 3 character code for the Invasive Plant Species species.
Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;
- 3BIOLOGICAL_AGENT_CODE
Unique code identifying the bioagent.
Optional ? :No ; Varchar2 (7) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Foreign Keys

BAM_BAC_FK

BIOLOGICAL_AGENT_CODE references
BIOLOGICAL_AGENT_CODE.BIOLOGICAL_AGENT_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

BAM_BMSC_FK

BIOAGENT_MATURITY_STATUS_CODE references
BIOAGENT_MATURITY_STATUS_CODE.BIOAGENT_MATURITY_STATUS_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

BAM_IPS_FK

GENUS_CODE references INVASIVE_PLANT_SPECIES.GENUS_CODE
SPECIES_CODE references INVASIVE_PLANT_SPECIES.SPECIES_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Index Summary

Name	Seq.	Column	Index Type
BAM_BAC_FK_I	20	BIOLOGICAL_AGENT_CODE	NOT UNIQUE
BAM_BMSC_FK_I	20	BIOAGENT_MATURITY_STATUS_C ODE	NOT UNIQUE
BAM_IPS_FK_I	20	GENUS_CODE	NOT UNIQUE
BAM_IPS_FK_I	40	SPECIES_CODE	NOT UNIQUE

Column Detail

Notes	
4	ENTRY_TIMESTAMP Entered date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
5	ENTRY_USERID Entered by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
6	UPDATE_TIMESTAMP Updated date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPP Version :

Column Detail

- 7 UPDATE_USERID
Updated by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 8 BIOAGENT_MATURITY_STATUS_CODE
Unique code identifying the status.
Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : BIOLOGICAL_AGENT_SPREADAlias : BAS
Display Title : Biological Agent Spread

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	SPREAD_ID	NOT NULL	NUMBER (10)
2	BEARING	NOT NULL	NUMBER (3)
3	DISTANCE	NOT NULL	NUMBER (10, 1)
4	ENTRY_TIMESTAMP	NOT NULL	DATE
5	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
6	UPDATE_TIMESTAMP	NOT NULL	DATE
7	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
8	MONITORING_ID	NOT NULL	NUMBER (10)

Primary Key

<u>Name</u>	<u>Column</u>
BAS_PK	SPREAD_ID

Foreign Keys

BAS_MN_FK	
MONITORING_ID	references INVASIVE_PLANT_MONITORING.MONITORING_ID
Transferable ?	YesUpdate Rule : Restricted
Mandatory ?	YesDelete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
BAS_MN_FK_I	50	MONITORING_ID	NOT UNIQUE

Column Detail

1	SPREAD_ID
	Primary unique numeric identifier for a biological spread.

Table Definition

Container : IAPPVersion :

Column Detail

	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
2	BEARING The bearing of this transect, in degrees, measured clockwise from north. Optional ? :No ; Number (3) ;() ; ; Uppercase ? :No ;
3	DISTANCE Distance (metres) from the release point to the edge of the spread. Optional ? :No ; Number (10, 1) ;() ; ; Uppercase ? :No ;
Notes	
4	ENTRY_TIMESTAMP Entered date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
5	ENTRY_USERID Entered by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
6	UPDATE_TIMESTAMP Updated date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
7	UPDATE_USERID Updated by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
8	MONITORING_ID Primary unique numeric identifier for a monitoring. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : BIOLOGICAL_DISPERSALAlias : BD
Display Title : Biological Dispersal

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	BIOLOGICAL_DISPERSAL_ID	NOT NULL	NUMBER (10)
2	INVASIVE_PLANT_ID	NOT NULL	NUMBER (10)
4	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)
5	BIOLOGICAL_AGENT_CODE	NOT NULL	VARCHAR2 (7)
6	PAPER_FILE_ID	NULL	VARCHAR2 (20)
7	INSPECTION_DATE	NOT NULL	DATE
8	PLANT_COUNT	NULL	NUMBER (4)
9	AGENT_COUNT	NULL	NUMBER (4)
10	COUNT_DURATION	NULL	NUMBER (4)
11	COMMENTS	NULL	VARCHAR2 (2000)
12	FOLIAR_FEEDING_DAMAGE_IND	NOT NULL	VARCHAR2 (1)
13	ROOT_FEEDING_DAMAGE_IND	NOT NULL	VARCHAR2 (1)
14	SEED_FEEDING_DAMAGE_IND	NOT NULL	VARCHAR2 (1)
15	OVIPOSITION_MARKS_IND	NOT NULL	VARCHAR2 (1)
16	EGGS_PRESENT_IND	NOT NULL	VARCHAR2 (1)
17	LARVAE_PRESENT_IND	NOT NULL	VARCHAR2 (1)
18	PUPAE_PRESENT_IND	NOT NULL	VARCHAR2 (1)
19	ADULTS_PRESENT_IND	NOT NULL	VARCHAR2 (1)
20	TUNNELS_PRESENT_IND	NOT NULL	VARCHAR2 (1)
21	UTM_EASTING	NOT NULL	NUMBER (6)
22	UTM_NORTHING	NOT NULL	NUMBER (7)
23	UTM_ZONE	NOT NULL	NUMBER (2)
24	ENTRY_TIMESTAMP	NOT NULL	DATE
25	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
26	UPDATE_TIMESTAMP	NOT NULL	DATE
27	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
28	REVISION_COUNT	NOT NULL	NUMBER (10, 0)

Container : IAPP Version :

Primary Key

<u>Name</u>	<u>Column</u>
BD_PK	BIOLOGICAL_DISPERSAL_ID

Foreign Keys

BD_BAC_FK	
BIOLOGICAL_AGENT_CODE references BIOLOGICAL_AGENT_CODE.BIOLOGICAL_AGENT_CODE	
Transferable ? Yes	Update Rule : Restricted
Mandatory ? Yes	Delete Rule : Restricted

BD_IPAC_FK	
INVASIVE_PLANT_AGENCY_CODE references INVASIVE_PLANT_AGENCY_CODE.INVASIVE_PLANT_AGENCY_CODE	
Transferable ? Yes	Update Rule : Restricted
Mandatory ? Yes	Delete Rule : Restricted

BD_IP_FK	
INVASIVE_PLANT_ID references INVASIVE_PLANT.INVASIVE_PLANT_ID	
Transferable ? Yes	Update Rule : Restricted
Mandatory ? No	Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
BD_BAC_FK_I	20	BIOLOGICAL_AGENT_CODE	NOT UNIQUE
BD_IPAC_FK_I	20	INVASIVE_PLANT_AGENCY_CODE	NOT UNIQUE
BD_IP_FK_I	20	INVASIVE_PLANT_ID	NOT UNIQUE

Column Detail

- | | |
|---|---|
| 1 | BIOLOGICAL_DISPERSAL_ID |
| | Primary unique numeric identifier for a biological dispersal. |
| | Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; |
| 2 | INVASIVE_PLANT_ID |
| | Primary unique numeric identifier for an invasive plant. |
| | Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; |
| 4 | INVASIVE_PLANT_AGENCY_CODE |
| | Unique code identifying the agency. |
| | Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ; |

Table Definition

Container : IAPPVersion :

Column Detail

	Notes
5	<div>BIOLOGICAL_AGENT_CODE</div> <div>Unique code identifying the bioagent.</div> <div>Optional ? :No ; Varchar2 (7) ;() ; ; Uppercase ? :No ;</div>
6	<div>PAPER_FILE_ID</div> <div>The file identification number used to reference the corresponding paperwork for this record.</div> <div>Optional ? :Yes ; Varchar2 (20) ;() ; ; Uppercase ? :No ;</div>
7	<div>INSPECTION_DATE</div> <div>Date on which the inspection was made.</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
8	<div>PLANT_COUNT</div> <div>The number of plants sampled to determine bioagent density.</div> <div>Optional ? :Yes ; Number (4) ;() ; ; Uppercase ? :No ;</div>
9	<div>AGENT_COUNT</div> <div>The number of bioagents found in the sample to determine bioagent density.</div> <div>Optional ? :Yes ; Number (4) ;() ; ; Uppercase ? :No ;</div>
10	<div>COUNT_DURATION</div> <div>Number of minutes required for collection and inspection.</div> <div>Optional ? :Yes ; Number (4) ;() ; ; Uppercase ? :No ;</div>
11	<div>COMMENTS</div> <div>A free-format, user-entered comment on the dispersal.</div> <div>Optional ? :Yes ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;</div>
12	<div>FOLIAR_FEEDING_DAMAGE_IND</div> <div>Indicates the presence of bioagent damage to leaves.</div> <div>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</div>
13	<div>ROOT_FEEDING_DAMAGE_IND</div> <div>Indicates the presence of bioagent damage to roots.</div> <div>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</div>

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Table Definition

Container : IAPPVersion :

Column Detail

	SEED_FEEDING_DAMAGE_IND
	Indicates the presence of bioagent damage to seeds.
	Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
15	OVIPOSITION_MARKS_IND
	Indicates the presence of oviposition marks -- slits that the insect makes in the vegetation for depositing its eggs.
	Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
16	EGGS_PRESENT_IND
	Indicates the presence of biological agent eggs.
	Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
17	LARVAE_PRESENT_IND
	Indicates the presence of larvae -- the immature, second life stage of an insect; a larva hatches from an egg. Most are wormlike, such as caterpillars, maggots and grubs. Many pest insects cause the most damage in the larval stage, particularly those that eat plants. [Source: Integrated Pest Management Manual for Landscape Pests in British Columbia, http://wlapwww.gov.bc.ca/epd/epdpa/eripm/landspdf/glosary.pdf]
	Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
18	PUPAE_PRESENT_IND
	Indicates the presence of pupae -- the stage between the larva stage and the adult in insects that undergo complete metamorphosis; a nonfeeding and usually an inactive stage. [Source: Integrated Pest Management Manual for Landscape Pests in British Columbia, http://wlapwww.gov.bc.ca/epd/epdpa/eripm/landspdf/glosary.pdf]
	Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
19	ADULTS_PRESENT_IND
	Indicates the presence of the adult stage of the bioagent.
	Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
20	TUNNELS_PRESENT_IND
	Indicates the presence of exit holes or tunnels.
	Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
21	UTM_EASTING
	The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone).
	Optional ? :No ; Number (6) ;() ; ; Uppercase ? :No ;
22	UTM_NORTHING

Table Definition

Container : IAPPVersion :

Column Detail

		The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator). Optional ? :No ; Number (7) ;() ; ; Uppercase ? :No ;
23	UTM_ZONE	The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia. Optional ? :No ; Number (2) ;() ; ; Uppercase ? :No ;
24	ENTRY_TIMESTAMP	Entered date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
25	ENTRY_USERID	Entered by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
26	UPDATE_TIMESTAMP	Updated date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
27	UPDATE_USERID	Updated by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
28	REVISION_COUNT	Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with. Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : BIOLOGICAL_TREATMENTAlias : BT
Display Title : Biological Treatment

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	BIOLOGICAL_TREATMENT_ID	NOT NULL	NUMBER (10)
2	BIOAGENT_SOURCE	NULL	VARCHAR2 (100)
3	COLLECTION_DATE	NULL	DATE
4	STAGE_LARVA_IND	NOT NULL	VARCHAR2 (1)
5	STAGE_EGG_IND	NOT NULL	VARCHAR2 (1)
6	STAGE_PUPA_IND	NOT NULL	VARCHAR2 (1)
7	STAGE_ADULT_IND	NOT NULL	VARCHAR2 (1)
8	STAGE_OTHER_IND	NOT NULL	VARCHAR2 (1)
9	RELEASE_TIME	NOT NULL	DATE
10	RELEASE_QUANTITY	NOT NULL	NUMBER (6)
11	UTM_EASTING	NOT NULL	NUMBER (6)
12	UTM_NORTHING	NOT NULL	NUMBER (7)
13	UTM_ZONE	NOT NULL	NUMBER (2)
14	AREA_CLASSIFICATION_CODE	NULL	VARCHAR2 (1)
15	BIOLOGICAL_AGENT_CODE	NOT NULL	VARCHAR2 (7)

Primary Key

<u>Name</u>	<u>Column</u>
BT_PK	BIOLOGICAL_TREATMENT_ID

Column Detail

- 1BIOLOGICAL_TREATMENT_ID
Primary unique numeric identifier for a biological control.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2BIOAGENT_SOURCE

Container : IAPP Version :

Foreign Keys

BT_ACC_FK

AREA_CLASSIFICATION_CODE references
AREA_CLASSIFICATION_CODE.AREA_CLASSIFICATION_CODE
Transferable ? Yes Update Rule : Restricted
Mandatory ? No Delete Rule : Restricted

BT_BAC_FK

BIOLOGICAL_AGENT_CODE references
BIOLOGICAL_AGENT_CODE.BIOLOGICAL_AGENT_CODE
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
BT_ACC_FK_I	20	AREA_CLASSIFICATION_CODE	NOT UNIQUE
BT_BAC_FK_I	20	BIOLOGICAL_AGENT_CODE	NOT UNIQUE

Column Detail

The provider of the Biological Agent. Can be an organization, individual or country.

Optional ? :Yes ; Varchar2 (100) ;() ; ; Uppercase ? :No ;

3 COLLECTION_DATE

The date that the Biological Agent was collected or harvested.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

4 STAGE_LARVA_IND

Indicates the release of larvae -- the immature, second life stage of an insect; a larva hatches from an egg. Most are wormlike, such as caterpillars, maggots and grubs. Many pest insects cause the most damage in the larval stage, particularly those that eat plants. [Source: Integrated Pest Management Manual for Landscape Pests in British Columbia, <http://wlapwww.gov.bc.ca/epd/epdpa/eripm/landspdf/glosary.pdf>]

Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

5 STAGE_EGG_IND

Indicates the release of eggs for the bioagent.

Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

6 STAGE_PUPA_IND

Indicates the release of pupae -- the stage between the larva stage and the adult in insects that undergo complete metamorphosis; a nonfeeding and usually

Table Definition

Container : IAPPVersion :

Column Detail

	an inactive stage. [Source: Integrated Pest Management Manual for Landscape Pests in British Columbia, http://wlapwww.gov.bc.ca/epd/epdpa/eripm/landspdf/glosary.pdf] Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
7	STAGE_ADULT_IND Indicates the release of the adult stage of the bioagent. Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
8	STAGE_OTHER_IND Indicates the release of a bioagent at a stage that is not listed. Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
9	RELEASE_TIME The time of day at which the bioagent was released. Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
10	RELEASE_QUANTITY Number of insects released. Optional ? :No ; Number (6) ;() ; ; Uppercase ? :No ;
	<u>Notes</u>
11	UTM_EASTING The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone). Optional ? :No ; Number (6) ;() ; ; Uppercase ? :No ;
12	UTM_NORTHING The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator). Optional ? :No ; Number (7) ;() ; ; Uppercase ? :No ;
13	UTM_ZONE The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia. Optional ? :No ; Number (2) ;() ; ; Uppercase ? :No ;
14	AREA_CLASSIFICATION_CODE Unique code identifying the classification of the area. Possible values are Research and Collection Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

15 BIOLOGICAL_AGENT_CODE
Unique code identifying the bioagent.
Optional ? :No ; Varchar2 (7) ;() ; ; Uppercase ? :No ;

Notes

Table Definition

Container : IAPPVersion :

Table Name : CHEMICAL_METHOD_CODEAlias : CMCD
Display Title : Chemical Method Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	CHEMICAL_METHOD_CODE	NOT NULL	VARCHAR2 (3)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
CMCD_PK	CHEMICAL_METHOD_CODE

Column Detail

- 1CHEMICAL_METHOD_CODE
Unique code identifying the chemical control method.
Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Column Detail

5UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : CHEMICAL_TREATMENTAlias : CT
Display Title : Chemical Treatment

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	CHEMICAL_TREATMENT_ID	NOT NULL	NUMBER (10)
2	AREA_TREATED	NOT NULL	NUMBER (15, 4)
3	APPLICATION_TIME	NOT NULL	DATE
4	TEMPERATURE	NOT NULL	NUMBER (2)
5	HUMIDITY	NULL	NUMBER (3)
6	WIND_VELOCITY	NOT NULL	NUMBER (3)
7	WIND_DIRECTION	NULL	NUMBER (3)
8	APPLICATION_RATE	NOT NULL	NUMBER (10, 2)
9	AMOUNT_USED	NOT NULL	NUMBER (10, 5)
10	DILUTION_RATE	NULL	NUMBER (10, 4)
11	DELIVERY_RATE	NULL	NUMBER (10, 0)
12	CHEMICAL_METHOD_CODE	NOT NULL	VARCHAR2 (3)
13	HERBICIDE_CODE	NOT NULL	VARCHAR2 (1)

Primary Key

<u>Name</u>	<u>Column</u>
CT_PK	CHEMICAL_TREATMENT_ID

Column Detail

- 1CHEMICAL_TREATMENT_ID
Primary unique numeric identifier for a chemical control.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2AREA_TREATED
Area (hectares) treated with the chemical control.
Optional ? :No ; Number (15, 4) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Foreign Keys

CT_CMCD_FK

CHEMICAL_METHOD_CODE references
CHEMICAL_METHOD_CODE.CHEMICAL_METHOD_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

CT_HC_FK

HERBICIDE_CODE references HERBICIDE_CODE.HERBICIDE_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Index Summary

Name	Seq.	Column	Index Type
CT_CMCD_FK_I	20	CHEMICAL_METHOD_CODE	NOT UNIQUE
CT_HC_FK_I	20	HERBICIDE_CODE	NOT UNIQUE

Column Detail

Notes

- 3APPLICATION_TIME
Time of day, a factor affecting herbicide effectiveness. Generally carbohydrate levels in the leaves are lowest in the morning and highest in the late afternoon. Spraying early in the morning is more effective. [Source: Integrated Weed Management: An Introductory Manual, <http://www.agf.gov.bc.ca/cropprot/weedman.htm>]
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4TEMPERATURE
Temperature (Celsius), a factor affecting herbicide effectiveness. Under dry or cool conditions, plants grow slowly and translocation of systemic herbicides is slow. [Source: Integrated Weed Management: An Introductory Manual, <http://www.agf.gov.bc.ca/cropprot/weedman.htm>]
Optional ? :No ; Number (2) ;() ; ; Uppercase ? :No ;

Notes

- 5HUMIDITY
Humidity (%), a factor affecting herbicide effectiveness. Warm temperatures and high humidity are generally favoured for best control with systemic herbicides. [Source: Integrated Weed Management: An Introductory Manual, <http://www.agf.gov.bc.ca/cropprot/weedman.htm>]
Optional ? :Yes ; Number (3) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

	<u>Notes</u>
6	<p>WIND_VELOCITY</p> <p>Wind velocity (km/h), a factor affecting herbicide effectiveness. Avoid spraying in wind as herbicide will be lost to drift. [Source: Integrated Weed Management: An Introductory Manual, http://www.agf.gov.bc.ca/cropprot/weedman.htm]</p> <p>Optional ? :No ; Number (3) ;() ; ; Uppercase ? :No ;</p>
7	<p><u>Notes</u></p> <p>WIND_DIRECTION</p> <p>Wind direction (bearing in degrees), a factor affecting herbicide effectiveness. Avoid spraying in wind as herbicide will be lost to drift. [Source: Integrated Weed Management: An Introductory Manual, http://www.agf.gov.bc.ca/cropprot/weedman.htm]</p> <p>Optional ? :Yes ; Number (3) ;() ; ; Uppercase ? :No ;</p>
8	<p><u>Notes</u></p> <p>APPLICATION_RATE</p> <p>The application rate, in litres of chemical per hectare.</p> <p>Optional ? :No ; Number (10, 2) ;() ; ; Uppercase ? :No ;</p>
9	<p>AMOUNT_USED</p> <p>The amount of chemical used, in litres.</p> <p>Optional ? :No ; Number (10, 5) ;() ; ; Uppercase ? :No ;</p>
10	<p>DILUTION_RATE</p> <p>The dilution rate, in litres of chemical per litres of water. Calculated by dividing the application rate by the delivery rate. [Source: Range Manual, http://www.for.gov.bc.ca/hfp/range/manual/Ch11-app-19.htm]</p> <p>Optional ? :Yes ; Number (10, 4) ;() ; ; Uppercase ? :No ;</p>
11	<p>DELIVERY_RATE</p> <p>The sprayer delivery rate, in L/ha.</p> <p>Optional ? :Yes ; Number (10, 0) ;() ; ; Uppercase ? :No ;</p>
12	<p>CHEMICAL_METHOD_CODE</p> <p>Unique code identifying the chemical control method.</p> <p>Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;</p>
13	<p>HERBICIDE_CODE</p> <p>Unique code identify the herbicide.</p> <p>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</p>

Table Definition

Container : IAPP Version :

Column Detail

Table Definition

Container : IAPPVersion :

Table Name : DISPERSAL_SURVEYORAlias : DS
Display Title : Dispersal Surveyor

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	PARTICIPANT_ID	NOT NULL	NUMBER (10)
2	BIOLOGICAL_DISPERSAL_ID	NOT NULL	NUMBER (10)
3	ENTRY_TIMESTAMP	NOT NULL	DATE
4	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
5	UPDATE_TIMESTAMP	NOT NULL	DATE
6	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
DS_PK	PARTICIPANT_ID BIOLOGICAL_DISPERSAL_ID

Foreign Keys

DS_BD_FK
BIOLOGICAL_DISPERSAL_ID references
BIOLOGICAL_DISPERSAL.BIOLOGICAL_DISPERSAL_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

DS_PART_FK
PARTICIPANT_ID references IAPP_PARTICIPANT.PARTICIPANT_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Column Detail

1 PARTICIPANT_ID
Primary unique numeric identifier for an applicator.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
DS_BD_FK_I	20	BIOLOGICAL_DISPERSAL_ID	NOT UNIQUE
DS_PART_FK_I	50	PARTICIPANT_ID	NOT UNIQUE

Column Detail

- 2

BIOLOGICAL_DISPERSAL_ID

Primary unique numeric identifier for a biological dispersal.

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 3

ENTRY_TIMESTAMP

Entered date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4

ENTRY_USERID

Entered by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 5

UPDATE_TIMESTAMP

Updated date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 6

UPDATE_USERID

Updated by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : EFFICACY_RATING_CODEAlias : ERC
Display Title : Efficacy Rating Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	EFFICACY_RATING_CODE	NOT NULL	VARCHAR2 (2)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
CRC_PK	EFFICACY_RATING_CODE

Column Detail

- 1EFFICACY_RATING_CODE
Unique numerical code identifying level of control achieved on a site.
Optional ? :No ; Varchar2 (2) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

5 UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : FOREST_CLIENTAlias : FC
Display Title : Forest Client

Description :

User/Help Text :

Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	CLIENT_NUMBER	NOT NULL	VARCHAR2 (8)

Primary Key

<u>Name</u>	<u>Column</u>
FC_PK	CLIENT_NUMBER

Column Detail

1 CLIENT_NUMBER
Optional ? :No ; Varchar2 (8) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : HERBICIDE_CODEAlias : HC
Display Title : Herbicide Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	HERBICIDE_CODE	NOT NULL	VARCHAR2 (1)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
HC_PK	HERBICIDE_CODE

Column Detail

- 1HERBICIDE_CODE
Unique code identify the herbicide.
Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

5UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : IAPP_ACTIVITY_CODEAlias : AC
Display Title : Iapp Activity Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	IAPP_ACTIVITY_CODE	NOT NULL	VARCHAR2 (2)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
AC_PK	IAPP_ACTIVITY_CODE

Column Detail

- 1IAPP_ACTIVITY_CODE
Unique code identifying the activity.
Optional ? :No ; Varchar2 (2) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

5UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Table Name : IAPP_AGENCY_FOREST_CLIENTAlias : IAFC
Display Title : Iapp Agency Forest Client

Description :

User/Help Text :

Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)
2	CLIENT_NUMBER	NOT NULL	VARCHAR2 (8)
3	ENTRY_TIMESTAMP	NOT NULL	DATE
4	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
5	UPDATE_TIMESTAMP	NOT NULL	DATE
7	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

Name	Column
IAFC_PK	INVASIVE_PLANT_AGENCY_CODE

Foreign Keys

IAFC_FC_FK	
CLIENT_NUMBER	references FOREST_CLIENT.CLIENT_NUMBER
Transferable ?	YesUpdate Rule : Restricted
Mandatory ?	NoDelete Rule : Restricted

IAFC_IPAC_FK	
INVASIVE_PLANT_AGENCY_CODE	references
INVASIVE_PLANT_AGENCY_CODE	INVASIVE_PLANT_AGENCY_CODE
Transferable ?	YesUpdate Rule : Restricted
Mandatory ?	YesDelete Rule : Restricted

Column Detail

1	INVASIVE_PLANT_AGENCY_CODE
	Unique code identifying the agency.
	Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
IAFC_FCL_FK_I	42	CLIENT_NUMBER	NOT UNIQUE
IAFC_IPAC_FK_I	21	INVASIVE_PLANT_AGENCY_CODE	NOT UNIQUE

Column Detail

<u>Notes</u>	
2	CLIENT_NUMBER Optional ? :No ; Varchar2 (8) ;() ; ; Uppercase ? :No ;
3	ENTRY_TIMESTAMP Entered date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
4	ENTRY_USERID Entered by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
5	UPDATE_TIMESTAMP Updated date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
7	UPDATE_USERID Updated by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : IAPP_CONTAINMENT_POLYAlias : ICP
Display Title : Iapp Containment Poly

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	CONTAINMENT_POLY_ID	NOT NULL	NUMBER (10)
2	GENUS_CODE	NULL	VARCHAR2 (4)
5	SPECIES_CODE	NULL	VARCHAR2 (3)
6	GEOMETRY	NOT NULL	()
7	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
8	FEATURE_AREA	NOT NULL	NUMBER ()
9	FEATURE_LENGTH	NOT NULL	NUMBER ()
10	ENTRY_TIMESTAMP	NOT NULL	DATE
11	ENTRY_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
ICP_PK	CONTAINMENT_POLY_ID

Foreign Keys

ICP_IPS_FK

GENUS_CODE references INVASIVE_PLANT_SPECIES.GENUS_CODE
SPECIES_CODE references INVASIVE_PLANT_SPECIES.SPECIES_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
ICP_IPS_FK_I	20	GENUS_CODE	NOT UNIQUE
ICP_IPS_FK_I	40	SPECIES_CODE	NOT UNIQUE

Table Definition

Container : IAPPVersion :

Column Detail

1	CONTAINMENT_POLY_ID	Primary unique numeric identifier for an Invasive Alien Plant Program containment polygon. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; Sequence :IAPP_CONTAINMENT_POLY_SEQ ;
2	GENUS_CODE	The 4 character code for the Invasive Plant Species genus. Optional ? :Yes ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
5	SPECIES_CODE	The 3 character code for the Invasive Plant Species species. Optional ? :Yes ; Varchar2 (3) ;() ; ; Uppercase ? :No ;
6	GEOMETRY	A closed polygon which delineates containment line for an invasive plant species. Containment lines are normally drawn at a provincial (broad) scale and are intended to mimic distinct geographic breaks such as height-of-land, a river or major highway. The polygon is captured through digitized geometry that is loaded from external sources. Optional ? :No ; () ;(EMBED) ; MDSYS.SDO_GEOMETRY ; Domain :GEOMETRIES ; Uppercase ? :No ;
7	FEATURE_CODE	An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification. Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
8	FEATURE_AREA	The area of the polygon measured in square meters. Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
9	FEATURE_LENGTH	The length of the perimeter of the polygon measured in meters. Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
10	ENTRY_TIMESTAMP	Entered date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
11	ENTRY_USERID	Entered by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPP Version :

Column Detail

Table Definition

Container : IAPPVersion :

Table Name : IAPP_DISPERSAL_CLOUDED_POLYAlias : IDCP
Display Title : Iapp Dispersal Clouded Poly

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	DISPERSAL_POLY_ID	NOT NULL	NUMBER (38)
2	GEOMETRY	NOT NULL	()
3	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
4	FEATURE_AREA	NOT NULL	NUMBER ()
5	FEATURE_LENGTH	NOT NULL	NUMBER ()
6	ENTRY_TIMESTAMP	NOT NULL	DATE
7	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
8	UPDATE_TIMESTAMP	NOT NULL	DATE
9	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
IDCP_PK	DISPERSAL_POLY_ID

Foreign Keys

IDCP_IDP_FK
DISPERSAL_POLY_ID references IAPP_DISPERSAL_POLY.DISPERSAL_POLY_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Column Detail

- 1DISPERSAL_POLY_ID
Primary unique numeric identifier for a biological dispersal polygon.
Optional ? :No ; Number (38) ;() ; ; Uppercase ? :No ;
- 2GEOMETRY

Container : IAPPVersion :

Column Detail

	<p>A polygon representing the approximate boundary of a biological dispersal. The polygon is generated by applying a 'clouding' algorithm to the actual IAPP DISPERSAL POLY GEOMETRY. The purpose of this is to inform people planning on performing weed control to avoid the area, but distort the polygon enough that the exact location of a biological agent cannot be determined.</p> <p>Optional ? :No ; () ;(MBED) ; MDSYS.SDO_GEOMETRY ; Domain :GEOMETRIES ;</p> <p>Uppercase ? :No ;</p>
3	<p>FEATURE_CODE</p> <p>An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.</p> <p>Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;</p>
4	<p>FEATURE_AREA</p> <p>The area of the polygon measured in square meters.</p> <p>Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;</p>
5	<p>FEATURE_LENGTH</p> <p>The length of the perimeter of the polygon measured in meters.</p> <p>Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;</p>
6	<p>ENTRY_TIMESTAMP</p> <p>Entered date/time</p> <p>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</p>
7	<p>ENTRY_USERID</p> <p>Entered by</p> <p>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</p>
8	<p>UPDATE_TIMESTAMP</p> <p>Updated date/time</p> <p>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</p>
9	<p>UPDATE_USERID</p> <p>Updated by</p> <p>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</p>

Table Definition

Container : IAPPVersion :

Table Name : IAPP_DISPERSAL_POLYAlias : IDP
Display Title : Iapp Dispersal Poly

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	DISPERSAL_POLY_ID	NOT NULL	NUMBER (38)
2	GEOMETRY	NOT NULL	()
3	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
4	FEATURE_AREA	NOT NULL	NUMBER ()
5	FEATURE_LENGTH	NOT NULL	NUMBER ()
6	GEOMETRY_GENERATED_IND	NOT NULL	VARCHAR2 (1)
7	ENTRY_TIMESTAMP	NOT NULL	DATE
8	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
9	UPDATE_TIMESTAMP	NOT NULL	DATE
10	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
11	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
12	BIOLOGICAL_DISPERSAL_ID	NOT NULL	NUMBER (10)

Primary Key

<u>Name</u>	<u>Column</u>
IDP_PK	DISPERSAL_POLY_ID

Foreign Keys

IDP_BD_FK
BIOLOGICAL_DISPERSAL_ID references
BIOLOGICAL_DISPERSAL.BIOLOGICAL_DISPERSAL_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Column Detail

1 DISPERSAL_POLY_ID
Primary unique numeric identifier for a biological dispersal polygon.

Table Definition

Container : IAPPVersion :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
IDP_BD_FK_I	20	BIOLOGICAL_DISPERSAL_ID	NOT UNIQUE

Column Detail

- Optional ? :No ; Number (38) ;() ; ; Uppercase ? :No ;
- 2

GEOMETRY

A polygon representing the boundary of a biological dispersal. The polygon has two possible sources: it is generated by buffering the point described by the biological dispersal UTM Coordinate; it is captured through digitized geometry that is loaded from external sources.

Optional ? :No ; () ;(MBED) ; MDSYS.SDO_GEOMETRY ; Domain :GEOMETRIES ; Uppercase ? :No ;
- 3

FEATURE_CODE

An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.

Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
- 4

FEATURE_AREA

The area of the polygon measured in square meters.

Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
- 5

FEATURE_LENGTH

The length of the perimeter of the polygon measured in meters.

Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
- 6

GEOMETRY_GENERATED_IND

Indicates that GEOMETRY was generated from the dispersal UTM coordinate. Non generated geometry will take precedence over generated geometry.

Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 7

ENTRY_TIMESTAMP

Entered date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 8

ENTRY_USERID

Entered by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPP Version :

Column Detail

- 9 UPDATE_TIMESTAMP
Updated date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 10 UPDATE_USERID
Updated by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 11 REVISION_COUNT
Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.
Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
- 12 BIOLOGICAL_DISPERSAL_ID
Primary unique numeric identifier for a biological dispersal.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : IAPP_EMPLOYERAlias : IE
Display Title : Iapp Employer

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	EMPLOYER_ID	NOT NULL	NUMBER (10)
2	NAME	NOT NULL	VARCHAR2 (50)
3	ENTRY_TIMESTAMP	NOT NULL	DATE
4	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
5	UPDATE_TIMESTAMP	NOT NULL	DATE
6	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
7	REVISION_COUNT	NOT NULL	NUMBER (10, 0)

Primary Key

<u>Name</u>	<u>Column</u>
IE_PK	EMPLOYER_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
IE_IE_N_UK	NAME

Column Detail

- 1EMPLOYER_ID
Primary unique numeric identifier for an employer.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2NAME
The name of the employer.
Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ;
- 3ENTRY_TIMESTAMP

Table Definition

Container : IAPPVersion :

Column Detail

	Entered date/time
	Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
4	ENTRY_USERID
	Entered by
	Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
5	UPDATE_TIMESTAMP
	Updated date/time
	Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
6	UPDATE_USERID
	Updated by
	Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
7	REVISION_COUNT
	Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.
	Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Table Name : IAPP_IMAGEAlias : IIMG
Display Title : Iapp Image

Description :

User/Help Text :

Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	IMAGE_ID	NOT NULL	NUMBER (10)
2	IMAGE_DATE	NOT NULL	DATE
3	REFERENCE_NO	NOT NULL	VARCHAR2 (20)
4	COMMENTS	NULL	VARCHAR2 (2000)
5	IMAGE	NOT NULL	IMAGE ()
6	ENTRY_TIMESTAMP	NOT NULL	DATE
7	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
8	UPDATE_TIMESTAMP	NOT NULL	DATE
9	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
10	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
11	PERSPECTIVE_CODE	NULL	VARCHAR2 (1)
12	SITE_ID	NULL	NUMBER (10)
13	TREATMENT_ID	NULL	NUMBER (10)
14	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)

Primary Key

Name	Column
IIMG_PK	IMAGE_ID

Column Detail

- 1

IMAGE_ID

Primary unique numeric identifier for an image.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2

IMAGE_DATE

The date on which the photograph was taken or the image created.

Container : IAPP Version :

Foreign Keys

IIMG_IPAC_FK

INVASIVE_PLANT_AGENCY_CODE references
INVASIVE_PLANT_AGENCY_CODE.INVASIVE_PLANT_AGENCY_CODE
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Restricted

IIMG_IPT_FK

TREATMENT_ID references INVASIVE_PLANT_TREATMENT.TREATMENT_ID
Transferable ? Yes Update Rule : Restricted
Mandatory ? No Delete Rule : Restricted

IIMG_ISIT_FK

SITE_ID references INVASIVE_PLANT_SITE.SITE_ID
Transferable ? Yes Update Rule : Restricted
Mandatory ? No Delete Rule : Restricted

IIMG_PC_FK

PERSPECTIVE_CODE references PERSPECTIVE_CODE.PERSPECTIVE_CODE
Transferable ? Yes Update Rule : Restricted
Mandatory ? No Delete Rule : Restricted

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
IAPP_IMAGE_CONTEXT_ARC_CC	(SITE_ID IS NOT NULL AND TREATMENT_ID IS NULL) OR (SITE_ID IS NULL AND TREATMENT_ID IS NOT NULL)

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
IIMG_IPAC_FK_I	20	INVASIVE_PLANT_AGENCY_CODE	NOT UNIQUE
IIMG_IPT_FK_I	21	TREATMENT_ID	NOT UNIQUE
IIMG_ISIT_FK_I	21	SITE_ID	NOT UNIQUE
IIMG_PC_FK_I	21	PERSPECTIVE_CODE	NOT UNIQUE

Column Detail

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPP Version :

Column Detail

- 3 REFERENCE_NO
An external source reference number.
Optional ? :No ; Varchar2 (20) ;() ; ; Uppercase ? :No ;
- 4 COMMENTS
A free-format, user-entered comment on the image.
Optional ? :Yes ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;
- 5 IMAGE
The image stored as a BLOB.
Optional ? :No ; Image () ;() ; ; Uppercase ? :No ;
- 6 ENTRY_TIMESTAMP
Entered date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 7 ENTRY_USERID
Entered by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 8 UPDATE_TIMESTAMP
Updated date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 9 UPDATE_USERID
Updated by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 10 REVISION_COUNT
Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.
Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
- 11 PERSPECTIVE_CODE
Unique code identifying the perspective from which the image is represented.
Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 12 SITE_ID
Primary unique numeric identifier for a site.
Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPP Version :

Column Detail

13 TREATMENT_ID

Primary unique numeric identifier for an invasive plant control.

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

14 INVASIVE_PLANT_AGENCY_CODE

Unique code identifying the agency.

Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;

Notes

Container : IAPPVersion :

Table Name :
IAPP_MONITORING_CLOUDED_POLY

Alias : IMCP
Display Title : Iapp Monitoring Clouded Poly

Description :
User/Help Text :
Volumes

Start Rows :End Rows :
Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	MONITORING_POLY_ID	NOT NULL	NUMBER (38)
2	GEOMETRY	NOT NULL	()
3	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
4	FEATURE_AREA	NOT NULL	NUMBER ()
5	FEATURE_LENGTH	NOT NULL	NUMBER ()
6	ENTRY_TIMESTAMP	NOT NULL	DATE
7	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
8	UPDATE_TIMESTAMP	NOT NULL	DATE
9	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
IMCP_PK	MONITORING_POLY_ID

Foreign Keys

IMCP_IMP_FK
MONITORING_POLY_ID references
IAPP_MONITORING_POLY.MONITORING_POLY_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Column Detail

1 MONITORING_POLY_ID
Primary unique numeric identifier for a biological monitoring activity polygon.
Optional ? :No ; Number (38) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

2	GEOMETRY	<p>A polygon representing the approximate boundary of a biological monitoring activity. The polygon is generated by applying a 'clouding' algorithm to the actual IAPP MONITORING POLY GEOMETRY. The purpose of this is to inform people planning on performing weed control to avoid the area, but distort the polygon enough that the exact location of a biological agent cannot be determined.</p> <p>Optional ? :No ; () ;(EMBED) ; MDSYS.SDO_GEOMETRY ; Domain :GEOMETRIES ; Uppercase ? :No ;</p>
3	FEATURE_CODE	<p>An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.</p> <p>Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;</p>
4	FEATURE_AREA	<p>The area of the polygon measured in square meters.</p> <p>Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;</p>
5	FEATURE_LENGTH	<p>The length of the perimeter of the polygon measured in meters.</p> <p>Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;</p>
6	ENTRY_TIMESTAMP	<p>Entered date/time</p> <p>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</p>
7	ENTRY_USERID	<p>Entered by</p> <p>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</p>
8	UPDATE_TIMESTAMP	<p>Updated date/time</p> <p>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</p>
9	UPDATE_USERID	<p>Updated by</p> <p>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</p>

Table Definition

Container : IAPPVersion :

Table Name : IAPP_MONITORING_POLYAlias : IMP
Display Title : Iapp Monitoring Poly

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	MONITORING_POLY_ID	NOT NULL	NUMBER (38)
2	GEOMETRY	NOT NULL	()
3	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
4	FEATURE_AREA	NOT NULL	NUMBER ()
5	FEATURE_LENGTH	NOT NULL	NUMBER ()
6	GEOMETRY_GENERATED_IND	NOT NULL	VARCHAR2 (1)
7	ENTRY_TIMESTAMP	NOT NULL	DATE
8	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
9	UPDATE_TIMESTAMP	NOT NULL	DATE
10	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
11	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
12	MONITORING_ID	NOT NULL	NUMBER (10)

Primary Key

<u>Name</u>	<u>Column</u>
IMP_PK	MONITORING_POLY_ID

Foreign Keys

IMP_MN_FK	
MONITORING_ID	references INVASIVE_PLANT_MONITORING.MONITORING_ID
Transferable ?	YesUpdate Rule : Restricted
Mandatory ?	YesDelete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
IMP_BM_FK_I	50	MONITORING_ID	NOT UNIQUE

Table Definition

Container : IAPPVersion :

Column Detail

1	<div>MONITORING_POLY_ID</div> <div>Primary unique numeric identifier for a biological monitoring activity polygon.</div> <div>Optional ? :No ; Number (38) ;() ; ; Uppercase ? :No ;</div>
2	<div>GEOMETRY</div> <div>A polygon representing the boundary of a biological monitoring activity. The polygon has two possible sources: it is generated by buffering the point described by the biological monitoring UTM Coordinate; it is captured through digitized geometry that is loaded from external sources.</div> <div>Optional ? :No ; () ;(EMBED) ; MDSYS.SDO_GEOMETRY ; Domain :GEOMETRIES ; Uppercase ? :No ;</div>
3	<div>FEATURE_CODE</div> <div>An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.</div> <div>Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;</div>
4	<div>FEATURE_AREA</div> <div>The area of the polygon measured in square meters.</div> <div>Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;</div>
5	<div>FEATURE_LENGTH</div> <div>The length of the perimeter of the polygon measured in meters.</div> <div>Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;</div>
6	<div>GEOMETRY_GENERATED_IND</div> <div>Indicates that GEOMETRY was generated from the monitoring UTM coordinate. Non generated geometry will take precedence over generated geometry.</div> <div>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</div>
7	<div>ENTRY_TIMESTAMP</div> <div>Entered date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
8	<div>ENTRY_USERID</div> <div>Entered by</div> <div>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</div>
9	<div>UPDATE_TIMESTAMP</div> <div>Updated date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>

Table Definition

Container : IAPPVersion :

Column Detail

- 10

UPDATE_USERID

Updated by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 11

REVISION_COUNT

Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.

Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
- 12

MONITORING_ID

Primary unique numeric identifier for a monitoring.

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Table Name : IAPP_MONITORING_TYPE_CODEAlias : IMTC
Display Title : Iapp Monitoring Type Code

Description :

User/Help Text :

Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	IAPP_MONITORING_TYPE_CODE	NOT NULL	VARCHAR2 (2)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
IMTC_PK	IAPP_MONITORING_TYPE_CODE

Column Detail

- 1IAPP_MONITORING_TYPE_CODE
Unique code identifying the monitoring type (Biological, Chemical or Mechanical)
Optional ? :No ; Varchar2 (2) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Column Detail

5UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : IAPP_PARTICIPANTAlias : PART
Display Title : Iapp Participant

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	PARTICIPANT_ID	NOT NULL	NUMBER (10)
2	LAST_NAME	NOT NULL	VARCHAR2 (50)
3	FIRST_NAME	NOT NULL	VARCHAR2 (50)
4	MIDDLE_INITIAL	NULL	VARCHAR2 (1)
5	ENTRY_TIMESTAMP	NOT NULL	DATE
6	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
7	UPDATE_TIMESTAMP	NOT NULL	DATE
8	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
9	REVISION_COUNT	NOT NULL	NUMBER (10, 0)

Primary Key

<u>Name</u>	<u>Column</u>
PART_PK	PARTICIPANT_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
PART_PP_N_UK	FIRST_NAME LAST_NAME MIDDLE_INITIAL

Column Detail

- 1PARTICIPANT_ID
Primary unique numeric identifier for an applicator.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2LAST_NAME
Last name or surname of the participant.

Table Definition

Container : IAPPVersion :

Column Detail

	Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ;
3	FIRST_NAME First or given name of the participant. Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ;
4	MIDDLE_INITIAL The middle initial of the participant. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
5	ENTRY_TIMESTAMP Entered date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
6	ENTRY_USERID Entered by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
7	UPDATE_TIMESTAMP Updated date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
8	UPDATE_USERID Updated by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
9	REVISION_COUNT Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with. Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : IAPP_SITE_CLOUDED_POLYAlias : ISCP
Display Title : Iapp Site Clouded Poly

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	SITE_POLY_ID	NOT NULL	NUMBER (38)
2	GEOMETRY	NOT NULL	()
3	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
4	FEATURE_AREA	NOT NULL	NUMBER ()
5	FEATURE_LENGTH	NOT NULL	NUMBER ()
6	ENTRY_TIMESTAMP	NOT NULL	DATE
7	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
8	UPDATE_TIMESTAMP	NOT NULL	DATE
9	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
ISCP_PK	SITE_POLY_ID

Foreign Keys

ISCP_SPOL_FK	
SITE_POLY_ID	references IAPP_SITE_POLY.SITE_POLY_ID
Transferable ?	YesUpdate Rule : Restricted
Mandatory ?	YesDelete Rule : Restricted

Column Detail

1	SITE_POLY_ID	Primary unique numeric identifier for a site polygon. Optional ? :No ; Number (38) ;() ; ; Uppercase ? :No ;
2	GEOMETRY	

Table Definition

Container : IAPPVersion :

Column Detail

	<p>A polygon representing the approximate boundary of an Invasive Alien Plant site. The polygon is generated by applying a 'clouding' algorithm to the actual IAPP SITE POLY GEOMETRY. The purpose of this is to inform people planning on performing weed contol to avoid the area, but distort the polygon enough that the exact location of a biological agent cannot be determined.</p> <p>Optional ? :No ; () ;(EMBED) ; MDSYS.SDO_GEOMETRY ; Domain :GEOMETRIES ;</p> <p>Uppercase ? :No ;</p>
3	<p>FEATURE_CODE</p> <p>An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.</p> <p>Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;</p>
4	<p>FEATURE_AREA</p> <p>The area of the polygon measured in square meters.</p> <p>Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;</p>
5	<p>FEATURE_LENGTH</p> <p>The length of the perimeter of the polygon measured in meters.</p> <p>Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;</p>
6	<p>ENTRY_TIMESTAMP</p> <p>Entered date/time</p> <p>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</p>
7	<p>ENTRY_USERID</p> <p>Entered by</p> <p>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</p>
8	<p>UPDATE_TIMESTAMP</p> <p>Updated date/time</p> <p>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</p>
9	<p>UPDATE_USERID</p> <p>Updated by</p> <p>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</p>

Container : IAPP Version :

Table Name : IAPP_SITE_POLY

Alias : SPOL

Display Title : Iapp Site Poly

Description :

User/Help Text :

Volumes

Start Rows : End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	SITE_POLY_ID	NOT NULL	NUMBER (38)
2	GEOMETRY	NOT NULL	()
3	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
4	FEATURE_AREA	NOT NULL	NUMBER ()
5	FEATURE_LENGTH	NOT NULL	NUMBER ()
6	GEOMETRY_GENERATED_IND	NOT NULL	VARCHAR2 (1)
7	RETIREMENT_DATE	NULL	DATE
8	ENTRY_TIMESTAMP	NOT NULL	DATE
9	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
10	UPDATE_TIMESTAMP	NOT NULL	DATE
11	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
12	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
13	SITE_ID	NOT NULL	NUMBER (10)

Primary Key

<u>Name</u>	<u>Column</u>
SPOL_PK	SITE_POLY_ID

Foreign Keys

SPOL_ISIT_FK

SITE_ID references INVASIVE_PLANT_SITE.SITE_ID

Transferable ? Yes Update Rule : Restricted

Mandatory ? Yes Delete Rule : Restricted

Column Detail

1 SITE_POLY_ID

Table Definition

Container : IAPPVersion :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
SPOL_ISIT_FK_I	20	SITE_ID	NOT UNIQUE

Column Detail

- Primary unique numeric identifier for a site polygon.

Optional ? :No ; Number (38) ;() ; ; Uppercase ? :No ;
- 2 GEOMETRY

A polygon representing the boundary of an Invasive Alien Plant site. The polygon has two possible sources: it is generated by buffering the point described by the Site UTM Coordinate; it is captured through digitized geometry that is loaded from external sources.

Optional ? :No ; () ;(EMBED) ; MDSYS.SDO_GEOMETRY ; Domain :GEOMETRIES ; Uppercase ? :No ;
- 3 FEATURE_CODE

An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.

Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
- 4 FEATURE_AREA

The area of the polygon measured in square meters.

Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
- 5 FEATURE_LENGTH

The length of the perimeter of the polygon measured in meters.

Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
- 6 GEOMETRY_GENERATED_IND

Indicates that GEOMETRY was generated from the Site UTM coordinate. Non generated geometry will take precedence over generated geometry.

Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 7 RETIREMENT_DATE

The data a version of the data representing the site was replaced by another feature.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
- 8 ENTRY_TIMESTAMP

Entered date/time

Table Definition

Container : IAPPVersion :

Column Detail

	Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
9	ENTRY_USERID Entered by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
10	UPDATE_TIMESTAMP Updated date/time Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
11	UPDATE_USERID Updated by Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
12	REVISION_COUNT Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with. Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
13	SITE_ID Primary unique numeric identifier for a site. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : IAPP_SITE_PRIORITY_CODEAlias : SRC
Display Title : Iapp Site Priority Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	IAPP_SITE_PRIORITY_CODE	NOT NULL	VARCHAR2 (1)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
SRC_PK	IAPP_SITE_PRIORITY_CODE

Column Detail

- 1IAPP_SITE_PRIORITY_CODE
Numerical code representing the priority level. 1 is High.
Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

5 UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : IAPP_TREATMENT_CLOUDED_POLYAlias : ITCP
Display Title : Iapp Treatment Clouded Poly

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	TREATMENT_POLY_ID	NOT NULL	NUMBER (38)
2	GEOMETRY	NOT NULL	()
3	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
4	FEATURE_AREA	NOT NULL	NUMBER ()
5	FEATURE_LENGTH	NOT NULL	NUMBER ()
6	ENTRY_TIMESTAMP	NOT NULL	DATE
7	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
8	UPDATE_TIMESTAMP	NOT NULL	DATE
9	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
ITCP_PK	TREATMENT_POLY_ID

Foreign Keys

ITCP_ITP_FK
TREATMENT_POLY_ID references IAPP_TREATMENT_POLY.TREATMENT_POLY_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Column Detail

- 1TREATMENT_POLY_ID
Primary unique numeric identifier for a treatment polygon.
Optional ? :No ; Number (38) ;() ; ; Uppercase ? :No ;
- 2GEOMETRY

Container : IAPP Version :

Column Detail

A polygon representing the approximate boundary of a treatment. The polygon is generated by applying a 'clouding' algorithm to the actual IAPP TREATMENT POLY. The purpose of this is to inform people planning on performing weed control to avoid the area, but distort the polygon enough that the exact location of a biological agent cannot be determined.

Optional ? :No ; () ;(MBED) ; MDSYS.SDO_GEOMETRY ; Domain :GEOMETRIES ;
Uppercase ? :No ;

3 FEATURE_CODE

An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.

Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;

4 FEATURE_AREA

The area of the polygon measured in square meters.

Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;

5 FEATURE_LENGTH

The length of the perimeter of the polygon measured in meters.

Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;

6 ENTRY_TIMESTAMP

Entered date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

7 ENTRY_USERID

Entered by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

8 UPDATE_TIMESTAMP

Updated date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

9 UPDATE_USERID

Updated by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Table Name : IAPP_TREATMENT_POLYAlias : ITP
Display Title : Iapp Treatment Poly

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	TREATMENT_POLY_ID	NOT NULL	NUMBER (38)
2	GEOMETRY	NOT NULL	()
3	FEATURE_CODE	NOT NULL	VARCHAR2 (10)
4	FEATURE_AREA	NOT NULL	NUMBER ()
5	FEATURE_LENGTH	NOT NULL	NUMBER ()
6	GEOMETRY_GENERATED_IND	NOT NULL	VARCHAR2 (1)
7	ENTRY_TIMESTAMP	NOT NULL	DATE
8	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
9	UPDATE_TIMESTAMP	NOT NULL	DATE
10	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
11	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
12	TREATMENT_ID	NOT NULL	NUMBER (10)

Primary Key

<u>Name</u>	<u>Column</u>
ITP_PK	TREATMENT_POLY_ID

Foreign Keys

ITP_IPT_FK			
TREATMENT_ID	references	INVASIVE_PLANT_TREATMENT.TREATMENT_ID	
Transferable ?	Yes	Update Rule : Restricted	
Mandatory ?	Yes	Delete Rule : Restricted	

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
ITP_IPT_FK_I	20	TREATMENT_ID	NOT UNIQUE

Container : IAPP Version :

Column Detail

- 1 TREATMENT_POLY_ID
Primary unique numeric identifier for a treatment polygon.
Optional ? :No ; Number (38) ;() ; ; Uppercase ? :No ;
- 2 GEOMETRY
A polygon representing the boundary of a treatment. The polygon has two possible sources: it is generated by buffering the point described by the treatment UTM Coordinate; it is captured through digitized geometry that is loaded from external sources.
Optional ? :No ; () ;(EMBED) ; MDSYS.SDO_GEOMETRY ; Domain :GEOMETRIES ;
Uppercase ? :No ;
- 3 FEATURE_CODE
An alphanumeric code used to identify a feature component. All CCSM feature codes are generated according to the Canadian Council on Survey and Mapping (CCSM) Draft Standard on feature code classification.
Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
- 4 FEATURE_AREA
The area of the polygon measured in square meters.
Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
- 5 FEATURE_LENGTH
The length of the perimeter of the polygon measured in meters.
Optional ? :No ; Number () ;() ; ; Uppercase ? :No ;
- 6 GEOMETRY_GENERATED_IND
Indicates that GEOMETRY was generated from the treatment UTM coordinate. (Only biological treatments have UTM coordinates) Non generated geometry will take precedence over generated geometry.
Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 7 ENTRY_TIMESTAMP
Entered date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 8 ENTRY_USERID
Entered by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 9 UPDATE_TIMESTAMP
Updated date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Container : IAPP Version :

Column Detail

- 10 UPDATE_USERID
Updated by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 11 REVISION_COUNT
Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.
Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
- 12 TREATMENT_ID
Primary unique numeric identifier for an invasive plant control.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANTAlias : IP
Display Title : Invasive Plant

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	INVASIVE_PLANT_ID	NOT NULL	NUMBER (10)
2	ENTRY_TIMESTAMP	NOT NULL	DATE
3	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
4	UPDATE_TIMESTAMP	NOT NULL	DATE
5	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
6	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
7	SPECIES_CODE	NOT NULL	VARCHAR2 (3)
8	GENUS_CODE	NOT NULL	VARCHAR2 (4)
9	SITE_ID	NOT NULL	NUMBER (10)

Primary Key

<u>Name</u>	<u>Column</u>
IP_PK	INVASIVE_PLANT_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
IP_IPSS_UK	SITE_ID GENUS_CODE SPECIES_CODE

Column Detail

- 1INVASIVE_PLANT_ID
Primary unique numeric identifier for an invasive plant.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2ENTRY_TIMESTAMP
Entered date/time

Container : IAPP Version :

Foreign Keys

IP_IPS_FK

GENUS_CODE references INVASIVE_PLANT_SPECIES.GENUS_CODE
SPECIES_CODE references INVASIVE_PLANT_SPECIES.SPECIES_CODE
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Restricted

IP_ISIT_FK

SITE_ID references INVASIVE_PLANT_SITE.SITE_ID
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
IP_IPS_FK_I	20	GENUS_CODE	NOT UNIQUE
IP_IPS_FK_I	40	SPECIES_CODE	NOT UNIQUE
IP_ISIT_FK_I	20	SITE_ID	NOT UNIQUE

Column Detail

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

3 ENTRY_USERID

Entered by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

4 UPDATE_TIMESTAMP

Updated date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

5 UPDATE_USERID

Updated by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

6 REVISION_COUNT

Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.

Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

7 SPECIES_CODE

Table Definition

Container : IAPP Version :

Column Detail

		The 3 character code for the Invasive Plant Species species. Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;
8	GENUS_CODE	The 4 character code for the Invasive Plant Species genus. Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
9	SITE_ID	Primary unique numeric identifier for a site. Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_AGENCY_CODEAlias : IPAC
Display Title : Invasive Plant Agency Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
IPAC_PK	INVASIVE_PLANT_AGENCY_CODE

Column Detail

- 1

INVASIVE_PLANT_AGENCY_CODE

Unique code identifying the agency.
Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
- Notes

2

DESCRIPTION

Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3

EFFECTIVE_DATE

Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4

EXPIRY_DATE

Expiry date/time

Table Definition

Container : IAPP Version :

Column Detail

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

5 UPDATE_TIMESTAMP

Update date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_DENSITY_CODEAlias : IPDN
Display Title : Invasive Plant Density Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	INVASIVE_PLANT_DENSITY_CODE	NOT NULL	VARCHAR2 (1)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
IPDN_PK	INVASIVE_PLANT_DENSITY_CODE

Column Detail

- 1

INVASIVE_PLANT_DENSITY_CODE

Unique code identifying the density of the plants.
Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 2

DESCRIPTION

Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3

EFFECTIVE_DATE

Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4

EXPIRY_DATE

Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

5 UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_DISTRIB_CODEAlias : IPDB
Display Title : Invasive Plant Distrib Code

Description :

User/Help Text :

Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	INVASIVE_PLANT_DISTRIB_CODE	NOT NULL	VARCHAR2 (1)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

Name	Column
IPDB_PK	INVASIVE_PLANT_DISTRIB_CODE

Column Detail

- 1INVASIVE_PLANT_DISTRIB_CODE
Unique code identifying the distribution of the plants.
Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Container : IAPP Version :

Column Detail

5 UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_LEGACY_SITEAlias : ILS
Display Title : Invasive Plant Legacy Site

Description :

User/Help Text :

Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	SITE_ID	NOT NULL	NUMBER (10)
2	GIS_KEY	NULL	VARCHAR2 (20)
3	SITE_NO	NOT NULL	NUMBER (10)
4	SPATIAL_DATA_PRESENT_IND	NOT NULL	VARCHAR2 (1)
5	DATASET	NULL	VARCHAR2 (300)
6	INCLUDE_IN_REPORTS_IND	NOT NULL	VARCHAR2 (1)
7	BIO_FLAG_IND	NOT NULL	VARCHAR2 (1)
8	BIO_CONTROL_IND	NOT NULL	VARCHAR2 (1)
9	ENTRY_TIMESTAMP	NOT NULL	DATE
10	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
11	UPDATE_TIMESTAMP	NOT NULL	DATE
12	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

Name	Column
ILS_PK	SITE_ID

Foreign Keys

ILS_ISIT_FK
SITE_ID references INVASIVE_PLANT_SITE.SITE_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Column Detail

1 SITE_ID
Primary unique numeric identifier for a site.

Table Definition

Container : IAPPVersion :

Column Detail

	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
2	<div>GIS_KEY</div> <div>The identifier used to relate to the site's legacy spatial data.</div> <div>Optional ? :Yes ; Varchar2 (20) ;() ; ; Uppercase ? :No ;</div>
3	<div>SITE_NO</div> <div>Site Number is a subset of mapsheet and is incremented by 1 for each site within a mapsheet. Once the mapsheet is set, the system populates the Site Number field by looking at the maximum Site Number for the current mapsheet and increments this value by 1.</div> <div>Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;</div>
4	<div>SPATIAL_DATA_PRESENT_IND</div> <div>Indicates whether spatial data exists for this record. TODO: Clarify with client [KF 2004-09-02]</div> <div>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</div>
5	<div>DATASET</div> <div>A reference to the original system that housed this record. The legacy Access system was populated with data from several source systems.</div> <div>Optional ? :Yes ; Varchar2 (300) ;() ; ; Uppercase ? :No ;</div>
6	<div>INCLUDE_IN_REPORTS_IND</div> <div>Indicates if record should be included on certain reports. TODO: Clarify with client [KF 2004-09-02]</div> <div>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</div>
7	<div>BIO_FLAG_IND</div> <div>Indicates if record should be included on certain reports. TODO: Clarify with client [KF 2004-09-02]</div> <div>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</div>
8	<div>BIO_CONTROL_IND</div> <div>Indicates if record should be included on certain reports. TODO: Clarify with client [KF 2004-09-02]</div> <div>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</div>
9	<div>ENTRY_TIMESTAMP</div> <div>Entered date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>

Table Definition

Container : IAPPVersion :

Column Detail

- 10ENTRY_USERID
Entered by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 11UPDATE_TIMESTAMP
Updated date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 12UPDATE_USERID
Updated by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_MONITORINGAlias : MN
Display Title : Invasive Plant Monitoring

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	MONITORING_ID	NOT NULL	NUMBER (10)
2	IAPP_MONITORING_TYPE_CODE	NOT NULL	VARCHAR2 (2)
3	TREATMENT_ID	NOT NULL	NUMBER (10)
4	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)
5	EFFICACY_RATING_CODE	NULL	VARCHAR2 (2)
6	PAPER_FILE_ID	NULL	VARCHAR2 (20)
7	INSPECTION_DATE	NOT NULL	DATE
8	COMMENTS	NULL	VARCHAR2 (2000)
9	PLANT_COUNT	NULL	NUMBER (4)
10	AGENT_COUNT	NULL	NUMBER (4)
11	COUNT_DURATION	NULL	NUMBER (4)
12	AGENT_DESTROYED_IND	NULL	VARCHAR2 (1)
13	LEGACY_PRESENCE_IND	NULL	VARCHAR2 (1)
14	FOLIAR_FEEDING_DAMAGE_IND	NULL	VARCHAR2 (1)
15	ROOT_FEEDING_DAMAGE_IND	NULL	VARCHAR2 (1)
16	SEED_FEEDING_DAMAGE_IND	NULL	VARCHAR2 (1)
17	OVIPOSITION_MARKS_IND	NULL	VARCHAR2 (1)
18	EGGS_PRESENT_IND	NULL	VARCHAR2 (1)
19	LARVAE_PRESENT_IND	NULL	VARCHAR2 (1)
20	PUPAE_PRESENT_IND	NULL	VARCHAR2 (1)
21	ADULTS_PRESENT_IND	NULL	VARCHAR2 (1)
22	TUNNELS_PRESENT_IND	NULL	VARCHAR2 (1)
23	UTM_EASTING	NULL	NUMBER (6)
24	UTM_NORTHING	NULL	NUMBER (7)
25	UTM_ZONE	NULL	NUMBER (2)
26	ENTRY_TIMESTAMP	NOT NULL	DATE
27	ENTRY_USERID	NOT NULL	VARCHAR2 (30)

Container : IAPPVersion :

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
28	UPDATE_TIMESTAMP	NOT NULL	DATE
29	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
30	REVISION_COUNT	NOT NULL	NUMBER (10, 0)

Primary Key

<u>Name</u>	<u>Column</u>
MN_PK	MONITORING_ID

Foreign Keys

MN_CRC_FK

EFFICACY_RATING_CODE references
EFFICACY_RATING_CODE.EFFICACY_RATING_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

MN_IMTC_FK

IAPP_MONITORING_TYPE_CODE references
IAPP_MONITORING_TYPE_CODE.IAPP_MONITORING_TYPE_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

MN_IPAC_FK

INVASIVE_PLANT_AGENCY_CODE references
INVASIVE_PLANT_AGENCY_CODE.INVASIVE_PLANT_AGENCY_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

MN_IPT_FK

TREATMENT_ID references INVASIVE_PLANT_TREATMENT.TREATMENT_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Column Detail

- 1MONITORING_ID
Primary unique numeric identifier for a monitoring.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2IAPP_MONITORING_TYPE_CODE
Unique code identifying the monitoring type (Biological, Chemical or Mechanical)
Optional ? :No ; Varchar2 (2) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
IAPP_MONITORING_TYPE_CC	(iapp_monitoring_type_code = 'BM' and agent_destroyed_ind is not null and legacy_presence_ind is not null and foliar_feeding_damage_ind is not null and root_feeding_damage_ind is not null and seed_feeding_damage_ind is not null and oviposition_marks_ind is not null and eggs_present_ind is not null and larvae_present_ind is not null and pupae_present_ind is not null and adults_present_ind is not null and tunnels_present_ind is not null and utm_easting is not null and utm_northing is not null and utm_zone is not null and control_rating_code is null) or ((iapp_monitoring_type_code = 'CM' or iapp_monitoring_type_code = 'MM') and agent_destroyed_ind is null and legacy_presence_ind is null and foliar_feeding_damage_ind is null and root_feeding_damage_ind is null and seed_feeding_damage_ind is null and oviposition_marks_ind is null and eggs_present_ind is null and larvae_present_ind is null and pupae_present_ind is null and adults_present_ind is null and tunnels_present_ind is null and utm_easting is null and utm_northing is null and utm_zone is null and control_rating_code is not null)

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
MN_CRC_FK_I	20	EFFICACY_RATING_CODE	NOT UNIQUE
MN_IMTC_FK_I	20	IAPP_MONITORING_TYPE_CODE	NOT UNIQUE
MN_IPAC_FK_I	20	INVASIVE_PLANT_AGENCY_CODE	NOT UNIQUE
MN_IPT_FK_I	20	TREATMENT_ID	NOT UNIQUE

Column Detail

3	TREATMENT_ID
	Primary unique numeric identifier for an invasive plant control.
	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPP Version :

Column Detail

4	INVASIVE_PLANT_AGENCY_CODE	Unique code identifying the agency. Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
	Notes	
5	EFFICACY_RATING_CODE	Unique numerical code identifying level of control achieved on a site. Optional ? :Yes ; Varchar2 (2) ;() ; ; Uppercase ? :No ;
6	PAPER_FILE_ID	The file identification number used to reference the corresponding paperwork for this record. Optional ? :Yes ; Varchar2 (20) ;() ; ; Uppercase ? :No ;
7	INSPECTION_DATE	Date on which the inspection was made. Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
8	COMMENTS	A free-format, user-entered comment on the monitoring. Optional ? :Yes ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;
9	PLANT_COUNT	The number of plants sampled to determine bioagent density. Optional ? :Yes ; Number (4) ;() ; ; Uppercase ? :No ;
10	AGENT_COUNT	The number of bioagents found in the sample to determine bioagent density. Optional ? :Yes ; Number (4) ;() ; ; Uppercase ? :No ;
11	COUNT_DURATION	Number of minutes required for collection and inspection. Optional ? :Yes ; Number (4) ;() ; ; Uppercase ? :No ;
12	AGENT_DESTROYED_IND	Indicates that the agent was destroyed by some external influence. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
13	LEGACY_PRESENCE_IND	Indicates whether the bioagent was found. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

14	FOLIAR_FEEDING_DAMAGE_IND	Indicates the presence of bioagent damage to leaves. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
15	ROOT_FEEDING_DAMAGE_IND	Indicates the presence of bioagent damage to roots. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
16	SEED_FEEDING_DAMAGE_IND	Indicates the presence of bioagent damage to seeds. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
17	OVIPOSITION_MARKS_IND	Indicates the presence of oviposition marks -- slits that the insect makes in the vegetation for depositing its eggs. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
18	EGGS_PRESENT_IND	Indicates the presence of biological agent eggs. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
19	LARVAE_PRESENT_IND	Indicates the presence of larvae -- the immature, second life stage of an insect; a larva hatches from an egg. Most are wormlike, such as caterpillars, maggots and grubs. Many pest insects cause the most damage in the larval stage, particularly those that eat plants. [Source: Integrated Pest Management Manual for Landscape Pests in British Columbia, http://wlapwww.gov.bc.ca/epd/epdpa/eripm/landspdf/glosary.pdf] Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
20	PUPAE_PRESENT_IND	Indicates the presence of pupae -- the stage between the larva stage and the adult in insects that undergo complete metamorphosis; a nonfeeding and usually an inactive stage. [Source: Integrated Pest Management Manual for Landscape Pests in British Columbia, http://wlapwww.gov.bc.ca/epd/epdpa/eripm/landspdf/glosary.pdf] Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
21	ADULTS_PRESENT_IND	Indicates the presence of the adult stage of the bioagent. Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail	
22	<div>TUNNELS_PRESENT_IND</div> <div>Indicates the presence of exit holes or tunnels.</div> <div>Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</div>
23	<div>UTM_EASTING</div> <div>The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone).</div> <div>Optional ? :Yes ; Number (6) ;() ; ; Uppercase ? :No ;</div>
24	<div>UTM_NORTHING</div> <div>The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator).</div> <div>Optional ? :Yes ; Number (7) ;() ; ; Uppercase ? :No ;</div>
25	<div>UTM_ZONE</div> <div>The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia.</div> <div>Optional ? :Yes ; Number (2) ;() ; ; Uppercase ? :No ;</div>
26	<div>ENTRY_TIMESTAMP</div> <div>Entered date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
27	<div>ENTRY_USERID</div> <div>Entered by</div> <div>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</div>
28	<div>UPDATE_TIMESTAMP</div> <div>Updated date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
29	<div>UPDATE_USERID</div> <div>Updated by</div> <div>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</div>
30	<div>REVISION_COUNT</div> <div>Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.</div> <div>Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;</div>

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_PLANAlias : IPP
Display Title : Invasive Plant Plan

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	PLAN_ID	NOT NULL	NUMBER (10)
2	PLAN_DATE	NOT NULL	DATE
3	PROPOSED_ACTIVITY_DATE	NULL	DATE
4	COMMENTS	NULL	VARCHAR2 (2000)
5	ENTRY_TIMESTAMP	NOT NULL	DATE
6	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
7	UPDATE_TIMESTAMP	NOT NULL	DATE
8	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
9	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
10	IAPP_SITE_PRIORITY_CODE	NULL	VARCHAR2 (1)
11	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)

Primary Key

<u>Name</u>	<u>Column</u>
IPP_PK	PLAN_ID

Foreign Keys

IPP_IPAC_FK

INVASIVE_PLANT_AGENCY_CODE references
INVASIVE_PLANT_AGENCY_CODE.INVASIVE_PLANT_AGENCY_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

IPP_SRC_FK

IAPP_SITE_PRIORITY_CODE references
IAPP_SITE_PRIORITY_CODE.IAPP_SITE_PRIORITY_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

Container : IAPP Version :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
IPP_IPAC_FK_I	20	INVASIVE_PLANT_AGENCY_CODE	NOT UNIQUE
IPP_SRC_FK_I	20	IAPP_SITE_PRIORITY_CODE	NOT UNIQUE

Column Detail

- 1

PLAN_ID

Primary unique numeric identifier for a treatment plan.

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2

PLAN_DATE

The date on which the plan was approved.

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 3

PROPOSED_ACTIVITY_DATE

The proposed month and year for applying the controls.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;
- 4

COMMENTS

A free-format, user-entered comment on the approved plan e.g. which herbicide or biocontrol.

Optional ? :Yes ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;
- 5

ENTRY_TIMESTAMP

Entered date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 6

ENTRY_USERID

Entered by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 7

UPDATE_TIMESTAMP

Updated date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 8

UPDATE_USERID

Updated by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 9

REVISION_COUNT

Used to ensure data consistency during updates to entities. The revision count

Table Definition

Container : IAPPVersion :

Column Detail

- will be checked before performing the update to ensure the update is being applied to the version it started with.
Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
- 10 IAPP_SITE_PRIORITY_CODE
Numerical code representing the priority level. 1 is High.
Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 11 INVASIVE_PLANT_AGENCY_CODE
Unique code identifying the agency.
Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;

Notes

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_PLAN_BATCHAlias : IPPB
Display Title : Invasive Plant Plan Batch

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	INVASIVE_PLANT_ID	NOT NULL	NUMBER (10)
3	PLAN_ID	NOT NULL	NUMBER (10)
4	ENTRY_TIMESTAMP	NOT NULL	DATE
5	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
6	UPDATE_TIMESTAMP	NOT NULL	DATE
7	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
IPPB_PK	INVASIVE_PLANT_ID PLAN_ID

Foreign Keys

IPPB_IPP_FK	
PLAN_ID	references INVASIVE_PLANT_PLAN.PLAN_ID
Transferable ?	YesUpdate Rule : Restricted
Mandatory ?	YesDelete Rule : Restricted

IPPB_IP_FK	
INVASIVE_PLANT_ID	references INVASIVE_PLANT.INVASIVE_PLANT_ID
Transferable ?	YesUpdate Rule : Restricted
Mandatory ?	NoDelete Rule : Restricted

Column Detail

1	INVASIVE_PLANT_ID
	Primary unique numeric identifier for an invasive plant.
	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
IPPB_IPP_FK_I	20	PLAN_ID	NOT UNIQUE
IPPB_IP_FK_I	20	INVASIVE_PLANT_ID	NOT UNIQUE

Column Detail

- 3

PLAN_ID

Primary unique numeric identifier for a treatment plan.

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 4

ENTRY_TIMESTAMP

Entered date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 5

ENTRY_USERID

Entered by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 6

UPDATE_TIMESTAMP

Updated date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 7

UPDATE_USERID

Updated by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_SITEAlias : ISIT
Display Title : Invasive Plant Site

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	SITE_ID	NOT NULL	NUMBER (10)
2	PAPER_FILE_ID	NULL	VARCHAR2 (20)
3	SITE_CREATED_DATE	NOT NULL	DATE
4	SLOPE	NULL	NUMBER (3)
5	ASPECT	NULL	NUMBER (3)
6	ELEVATION	NULL	NUMBER (5)
7	BGC_ZONE_CODE	NULL	VARCHAR2 (4)
8	BGC_SUBZONE_CODE	NULL	VARCHAR2 (3)
9	VARIANT	NULL	VARCHAR2 (1)
10	PHASE	NULL	VARCHAR2 (1)
11	BEC_SITE_SERIES_CD	NULL	VARCHAR2 (2)
12	BEC_CODE_ID	NULL	NUMBER (5)
13	BEC_VALIDATION_DATE	NULL	DATE
14	LAND_OWNER	NULL	VARCHAR2 (100)
15	LAND_OWNER_TELEPHONE_NO	NULL	NUMBER (10)
16	LOCAL_CONTACT	NULL	VARCHAR2 (100)
17	LOCAL_CONTACT_TELEPHONE_NO	NULL	NUMBER (10)
18	UTM_EASTING	NOT NULL	NUMBER (6)
19	UTM_NORTHING	NOT NULL	NUMBER (7)
20	UTM_ZONE	NOT NULL	NUMBER (2)
21	MAPSHEET	NOT NULL	VARCHAR2 (7)
22	LOCATION	NULL	VARCHAR2 (2000)
23	COMMENTS	NULL	VARCHAR2 (2000)
24	SENSITIVE_DATA_IND	NOT NULL	VARCHAR2 (1)
25	ENTRY_TIMESTAMP	NOT NULL	DATE
26	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
27	UPDATE_TIMESTAMP	NOT NULL	DATE

Container : IAPPVersion :

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
28	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
29	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
30	ORG_UNIT_NO	NULL	NUMBER (10, 0)
31	JURISDICTION_CODE	NULL	VARCHAR2 (4)
32	RANGE_UNIT_ID	NULL	VARCHAR2 (10)

Primary Key

<u>Name</u>	<u>Column</u>
ISIT_PK	SITE_ID

Foreign Keys

ISIT_JC_FK

JURISDICTION_CODE references JURISDICTION_CODE.JURISDICTION_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

ISIT_OU_FK

ORG_UNIT_NO references ORG_UNIT.ORG_UNIT_NO
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

ISIT_RU_FK

RANGE_UNIT_ID references RANGE_UNIT.RANGE_UNIT_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
ISIT_JC_FK_I	20	JURISDICTION_CODE	NOT UNIQUE
ISIT_MAP_I	5	MAPSHEET	NOT UNIQUE
ISIT_OU_FK_I	50	ORG_UNIT_NO	NOT UNIQUE
ISIT_PFID_I	5	PAPER_FILE_ID	NOT UNIQUE
ISIT_RU_FK_I	20	RANGE_UNIT_ID	NOT UNIQUE

Column Detail

1 SITE_ID
Primary unique numeric identifier for a site.

Container : IAPP Version :

Column Detail

- Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2 PAPER_FILE_ID
The file identification number used to reference the corresponding paperwork for this record.
Optional ? :Yes ; Varchar2 (20) ;() ; ; Uppercase ? :No ;
- 3 SITE_CREATED_DATE
Date on which this site was initially created.
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4 SLOPE
Steepness of the ground, in percent.
Optional ? :Yes ; Number (3) ;() ; ; Uppercase ? :No ;

Notes

- 5 ASPECT
Compass bearing in degrees of the direction in which a slope faces.
Optional ? :Yes ; Number (3) ;() ; ; Uppercase ? :No ;

Notes

- 6 ELEVATION
Distance above sea-level, in metres.
Optional ? :Yes ; Number (5) ;() ; ; Uppercase ? :No ;

Notes

- 7 BGC_ZONE_CODE
A code used to designate a large geographic area having similar patterns of energy flow, vegetation, and soils as a result of a broad, homogeneous macroclimate. Biogeoclimatic Zones are unique within the province of British Columbia.
Optional ? :Yes ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
- 8 BGC_SUBZONE_CODE
A code used to designate a division of a specific biogeoclimatic Zone; a geographic area with a fairly uniform regional climate and a typical pattern of vegetation and soils. Subzones are not unique. They are only meaningful in conjunction with a Zone.
Optional ? :Yes ; Varchar2 (3) ;() ; ; Uppercase ? :No ;

- 9 VARIANT

Container : IAPP Version :

Column Detail

A one digit number used to denote a division of a specific biogeoclimatic subzone; A geographic area with a more specific regional climate. A variant has a specific pattern of vegetation and soils. Variants are only meaningful within a Zone and Subzone.

Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

10 PHASE

A one character code used to denote an atypical area, resulting from local relief, in the regional climate of the subzones and variants. Phases are not unique. They only have meaning in combination with a specific Zone, Subzone and Variant.

Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

11 BEC_SITE_SERIES_CD

All sites capable of producing the same mature or climax plant communities within a biogeoclimatic subzone or variant.

Optional ? :Yes ; Varchar2 (2) ;() ; ; Uppercase ? :No ;

12 BEC_CODE_ID

The BEC_CODE_ID from the BEC_CODE_TABLE record that the was used to validate the BEC combination stored on the SITE record at the time of data entry or update.

Optional ? :Yes ; Number (5) ;() ; ; Uppercase ? :No ;

13 BEC_VALIDATION_DATE

The date that the BEC_CODE_ID from the BEC_CODE_TABLE record was used to validate the BEC combination stored on the SITE record at the time of data entry or update.

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

14 LAND_OWNER

The full name of the person or organization that owns the land on which the Biological Control takes place.

Optional ? :Yes ; Varchar2 (100) ;() ; ; Uppercase ? :No ;

15 LAND_OWNER_TELEPHONE_NO

The telephone number for the Land Owner. Regional Districts will use this to track their clients.

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

16 LOCAL_CONTACT

The person or organization that is local to the Biological Control location and who should be contacted regarding Invasive Alien Plant Program activities in the area.

Optional ? :Yes ; Varchar2 (100) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

17	LOCAL_CONTACT_TELEPHONE_NO	The telephone number for the Local Contact. Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;
18	UTM_EASTING	The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone). Optional ? :No ; Number (6) ;() ; ; Uppercase ? :No ;
	Notes	
19	UTM_NORTHING	The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator). Optional ? :No ; Number (7) ;() ; ; Uppercase ? :No ;
	Notes	
20	UTM_ZONE	The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia. Optional ? :No ; Number (2) ;() ; ; Uppercase ? :No ;
21	MAPSHEET	The 1:20,000 BCGS (British Columbia Geographic System) Mapsheet Number. Optional ? :No ; Varchar2 (7) ;() ; ; Uppercase ? :No ;
22	LOCATION	General description of the location of this site. Examples: "Wynndel 3.3km south", "TLANA BAY, LEFT HAND CORNER PAST CLIFFS", "Camp Busk". Optional ? :Yes ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;
23	COMMENTS	A free-format, user-entered comment on the site. Optional ? :Yes ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;
24	SENSITIVE_DATA_IND	Indicates the site contains sensitive data that may have to be protected from some users. Data is considered sensitive if a primary biological agent or an area classification code of Research or Collection is identified on any child record of that site. Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

- 25

ENTRY_TIMESTAMP

Entered date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 26

ENTRY_USERID

Entered by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 27

UPDATE_TIMESTAMP

Updated date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 28

UPDATE_USERID

Updated by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 29

REVISION_COUNT

Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.

Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
- 30

ORG_UNIT_NO

The organizational unit number of the user who added this record or who last updated the information.

Optional ? :Yes ; Number (10, 0) ;() ; ; Uppercase ? :No ;
- 31

JURISDICTION_CODE

Unique code identifying the jurisdiction.

Optional ? :Yes ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
- 32

RANGE_UNIT_ID

Optional ? :Yes ; Varchar2 (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_SPECIESAlias : IPS
Display Title : Invasive Plant Species

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	GENUS_CODE	NOT NULL	VARCHAR2 (4)
2	SPECIES_CODE	NOT NULL	VARCHAR2 (3)
3	LATIN_NAME	NOT NULL	VARCHAR2 (100)
4	COMMON_NAME	NOT NULL	VARCHAR2 (100)
5	MAP_SYMBOL	NOT NULL	VARCHAR2 (2)
6	ENTRY_TIMESTAMP	NOT NULL	DATE
7	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
8	UPDATE_TIMESTAMP	NOT NULL	DATE
9	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
IPS_PK	GENUS_CODE SPECIES_CODE

Other Unique Keys

<u>Name</u>	<u>Column</u>
IPS_IPS_UK	MAP_SYMBOL

Column Detail

- 1

GENUS_CODE

The 4 character code for the Invasive Plant Species genus.
Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
- 2

SPECIES_CODE

The 3 character code for the Invasive Plant Species species.
Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

3	<div>LATIN_NAME</div> <div>Latin name for the invasive plant species. Examples: Abutilon theophrasti, Carduus nutans, Chrysanthemum leucanthemum.</div> <div>Optional ? :No ; Varchar2 (100) ;() ; ; Uppercase ? :No ;</div>
4	<div>COMMON_NAME</div> <div>Common name for the invasive plant species. Examples: Velvet leaf, Nodding thistle, Oxeye daisy.</div> <div>Optional ? :No ; Varchar2 (100) ;() ; ; Uppercase ? :No ;</div>
5	<div>MAP_SYMBOL</div> <div>Used for labeling on maps.</div> <div>Optional ? :No ; Varchar2 (2) ;() ; ; Uppercase ? :No ;</div>
6	<div>ENTRY_TIMESTAMP</div> <div>Entered date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
7	<div>ENTRY_USERID</div> <div>Entered by</div> <div>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</div>
8	<div>UPDATE_TIMESTAMP</div> <div>Update date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
9	<div>UPDATE_USERID</div> <div>Updated by</div> <div>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</div>

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_SURVEYAlias : SRVY
Display Title : Invasive Plant Survey

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	SURVEY_ID	NOT NULL	NUMBER (10)
2	PAPER_FILE_ID	NULL	VARCHAR2 (20)
3	ESTIMATED_AREA	NOT NULL	NUMBER (15, 4)
4	SURVEY_DATE	NOT NULL	DATE
5	PRECISE_SURVEY_IND	NOT NULL	VARCHAR2 (1)
6	FOUND_IND	NOT NULL	VARCHAR2 (1)
7	COMMENTS	NULL	VARCHAR2 (2000)
8	ENTRY_TIMESTAMP	NOT NULL	DATE
9	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
11	UPDATE_TIMESTAMP	NOT NULL	DATE
12	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
13	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
14	INVASIVE_PLANT_DISTRIB_CODE	NULL	VARCHAR2 (1)
15	INVASIVE_PLANT_DENSITY_CODE	NULL	VARCHAR2 (1)
16	EMPLOYER_ID	NULL	NUMBER (10)
17	INVASIVE_PLANT_ID	NOT NULL	NUMBER (10)
18	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)

Primary Key

<u>Name</u>	<u>Column</u>
SRVY_PK	SURVEY_ID

Column Detail

1 SURVEY_ID
Primary unique numeric identifier for an Invasive Plant Survey.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Foreign Keys

SRVY_IE_FK

EMPLOYER_ID references IAPP_EMPLOYER.EMPLOYER_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

SRVY_IPAC_FK

INVASIVE_PLANT_AGENCY_CODE references
INVASIVE_PLANT_AGENCY_CODE.INVASIVE_PLANT_AGENCY_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

SRVY_IPDB_FK

INVASIVE_PLANT_DISTRIB_CODE references
INVASIVE_PLANT_DISTRIB_CODE.INVASIVE_PLANT_DISTRIB_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

SRVY_IPDN_FK

INVASIVE_PLANT_DENSITY_CODE references
INVASIVE_PLANT_DENSITY_CODE.INVASIVE_PLANT_DENSITY_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

SRVY_IP_FK

INVASIVE_PLANT_ID references INVASIVE_PLANT.INVASIVE_PLANT_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
SRVY_IE_FK_I	20	EMPLOYER_ID	NOT UNIQUE
SRVY_IPAC_FK_I	20	INVASIVE_PLANT_AGENCY_CODE	NOT UNIQUE
SRVY_IPDB_FK_I	20	INVASIVE_PLANT_DISTRIB_COD E	NOT UNIQUE
SRVY_IPDN_FK_I	20	INVASIVE_PLANT_DENSITY_COD E	NOT UNIQUE
SRVY_IP_FK_I	20	INVASIVE_PLANT_ID	NOT UNIQUE

Column Detail

2PAPER_FILE_ID

Table Definition

Container : IAPPVersion :

Column Detail

	<div>The file identification number used to reference the corresponding paperwork for this record.</div> <div>Optional ? :Yes ; Varchar2 (20) ;() ; ; Uppercase ? :No ;</div>
3	<div>ESTIMATED_AREA</div> <div>Estimated area (hectares) covered by the invasive alien plant.</div> <div>Optional ? :No ; Number (15, 4) ;() ; ; Uppercase ? :No ;</div>
	<div>Notes</div>
4	<div>SURVEY_DATE</div> <div>Date on which the presence of this invasive alien plant was recorded.</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
5	<div>PRECISE_SURVEY_IND</div> <div>Indicates that the survey data was collected by precise methods specified in program documentation.</div> <div>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</div>
6	<div>FOUND_IND</div> <div>Indicates that the Invasive Plant was found on this survey. If this indicator is false then estimated area must be zero and distribution and density codes must be null.</div> <div>Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;</div>
7	<div>COMMENTS</div> <div>A free-format, user-entered comment on the invasive alien plant.</div> <div>Optional ? :Yes ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;</div>
8	<div>ENTRY_TIMESTAMP</div> <div>Entered date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
9	<div>ENTRY_USERID</div> <div>Entered by</div> <div>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</div>
11	<div>UPDATE_TIMESTAMP</div> <div>Updated date/time</div> <div>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</div>
12	<div>UPDATE_USERID</div>

Table Definition

Container : IAPPVersion :

Column Detail

	Updated by
	Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
13	REVISION_COUNT
	Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.
	Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
14	INVASIVE_PLANT_DISTRIB_CODE
	Unique code identifying the distribution of the plants.
	Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
15	INVASIVE_PLANT_DENSITY_CODE
	Unique code identifying the density of the plants.
	Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
16	EMPLOYER_ID
	Primary unique numeric identifier for an employer.
	Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;
17	INVASIVE_PLANT_ID
	Primary unique numeric identifier for an invasive plant.
	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
18	INVASIVE_PLANT_AGENCY_CODE
	Unique code identifying the agency.
	Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;

Notes

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_SURVEYORAlias : IPSV
Display Title : Invasive Plant Surveyor

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	PARTICIPANT_ID	NOT NULL	NUMBER (10)
2	SURVEY_ID	NOT NULL	NUMBER (10)
3	ENTRY_TIMESTAMP	NOT NULL	DATE
4	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
5	UPDATE_TIMESTAMP	NOT NULL	DATE
6	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
IPSV_PK	SURVEY_ID PARTICIPANT_ID

Foreign Keys

IPSV_PART_FK			
PARTICIPANT_ID	references	IAPP_PARTICIPANT.PARTICIPANT_ID	
Transferable ?	Yes	Update Rule : Restricted	
Mandatory ?	Yes	Delete Rule : Restricted	
IPSV_SRVY_FK			
SURVEY_ID	references	INVASIVE_PLANT_SURVEY.SURVEY_ID	
Transferable ?	Yes	Update Rule : Restricted	
Mandatory ?	Yes	Delete Rule : Restricted	

Column Detail

1	PARTICIPANT_ID
Primary unique numeric identifier for an applicator.	
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;	

Table Definition

Container : IAPP Version :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
IPSV_PART_FK_I	50	PARTICIPANT_ID	NOT UNIQUE
IPSV_SRVY_FK_I	20	SURVEY_ID	NOT UNIQUE

Column Detail

- 2

SURVEY_ID

Primary unique numeric identifier for an Invasive Plant Survey.

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 3

ENTRY_TIMESTAMP

Entered date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4

ENTRY_USERID

Entered by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 5

UPDATE_TIMESTAMP

Updated date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 6

UPDATE_USERID

Updated by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : INVASIVE_PLANT_TREATMENTAlias : IPT

Display Title : Invasive Plant Treatment

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	TREATMENT_ID	NOT NULL	NUMBER (10)
2	PAPER_FILE_ID	NULL	VARCHAR2 (20)
3	TREATMENT_DATE	NOT NULL	DATE
4	COMMENTS	NULL	VARCHAR2 (2000)
5	ENTRY_TIMESTAMP	NOT NULL	DATE
6	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
7	UPDATE_TIMESTAMP	NOT NULL	DATE
8	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
9	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
10	EMPLOYER_ID	NULL	NUMBER (10)
11	INVASIVE_PLANT_ID	NOT NULL	NUMBER (10)
12	INVASIVE_PLANT_AGENCY_CODE	NOT NULL	VARCHAR2 (4)
13	BIOLOGICAL_TREATMENT_ID	NULL	NUMBER (10)
14	CHEMICAL_TREATMENT_ID	NULL	NUMBER (10)
15	MECHANICAL_TREATMENT_ID	NULL	NUMBER (10)

Primary Key

<u>Name</u>	<u>Column</u>
IPT_PK	TREATMENT_ID

Column Detail

- 1TREATMENT_ID
Primary unique numeric identifier for an invasive plant control.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2PAPER_FILE_ID

Container : IAPPVersion :

Foreign Keys

IPT_BT_FK

BIOLOGICAL_TREATMENT_ID references
BIOLOGICAL_TREATMENT.BIOLOGICAL_TREATMENT_ID
Transferable ? NoUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

IPT_CT_FK

CHEMICAL_TREATMENT_ID references
CHEMICAL_TREATMENT.CHEMICAL_TREATMENT_ID
Transferable ? NoUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

IPT_IE_FK

EMPLOYER_ID references IAPP_EMPLOYER.EMPLOYER_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

IPT_IPAC_FK

INVASIVE_PLANT_AGENCY_CODE references
INVASIVE_PLANT_AGENCY_CODE.INVASIVE_PLANT_AGENCY_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

IPT_IP_FK

INVASIVE_PLANT_ID references INVASIVE_PLANT.INVASIVE_PLANT_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

IPT_MT_FK

MECHANICAL_TREATMENT_ID references
MECHANICAL_TREATMENT.MECHANICAL_TREATMENT_ID
Transferable ? NoUpdate Rule : Restricted
Mandatory ? NoDelete Rule : Restricted

Check Constraints

Name	Where Validate Clause
TREATMENT_TYPE_ARC_CC	(BIOLOGICAL_TREATMENT_ID IS NOT NULL AND CHEMICAL_TREATMENT_ID IS NULL AND MECHANICAL_TREATMENT_ID IS NULL) OR (BIOLOGICAL_TREATMENT_ID IS NULL AND CHEMICAL_TREATMENT_ID IS NOT NULL AND MECHANICAL_TREATMENT_ID IS NULL) OR (BIOLOGICAL_TREATMENT_ID IS NULL AND CHEMICAL_TREATMENT_ID IS NULL AND MECHANICAL_TREATMENT_ID IS NOT NULL)

Column Detail

Table Definition

Container : IAPPVersion :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
IPT_BT_FK_I	50	BIOLOGICAL_TREATMENT_ID	NOT UNIQUE
IPT_CT_FK_I	50	CHEMICAL_TREATMENT_ID	NOT UNIQUE
IPT_IE_FK_I	20	EMPLOYER_ID	NOT UNIQUE
IPT_IPAC_FK_I	20	INVASIVE_PLANT_AGENCY_CODE	NOT UNIQUE
IPT_IP_FK_I	20	INVASIVE_PLANT_ID	NOT UNIQUE
IPT_MT_FK_I	50	MECHANICAL_TREATMENT_ID	NOT UNIQUE

Column Detail

- The file identification number used to reference the corresponding paperwork for this record.
Optional ? :Yes ; Varchar2 (20) ;() ; ; Uppercase ? :No ;
- 3

TREATMENT_DATE
Date on which the control was applied.
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4

COMMENTS
A free-format, user-entered comment on the control.
Optional ? :Yes ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;
- 5

ENTRY_TIMESTAMP
Entered date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 6

ENTRY_USERID
Entered by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 7

UPDATE_TIMESTAMP
Updated date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 8

UPDATE_USERID
Updated by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 9

Container : IAPP Version :

Column Detail

REVISION_COUNT

Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.

Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

10 EMPLOYER_ID

Primary unique numeric identifier for an employer.

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

11 INVASIVE_PLANT_ID

Primary unique numeric identifier for an invasive plant.

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

12 INVASIVE_PLANT_AGENCY_CODE

Unique code identifying the agency.

Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;

Notes

13 BIOLOGICAL_TREATMENT_ID

Primary unique numeric identifier for a biological control.

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

14 CHEMICAL_TREATMENT_ID

Primary unique numeric identifier for a chemical control.

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

15 MECHANICAL_TREATMENT_ID

Primary unique numeric identifier for a mechanical control.

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : JURISDICTION_CODEAlias : JC
Display Title : Jurisdiction Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	JURISDICTION_CODE	NOT NULL	VARCHAR2 (4)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
JC_PK	JURISDICTION_CODE

Column Detail

- 1JURISDICTION_CODE
Unique code identifying the jurisdiction.
Optional ? :No ; Varchar2 (4) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Container : IAPP Version :

Column Detail

5 UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : MECHANICAL_METHOD_CODEAlias : MMCD
Display Title : Mechanical Method Code

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	MECHANICAL_METHOD_CODE	NOT NULL	VARCHAR2 (3)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
MMCD_PK	MECHANICAL_METHOD_CODE

Column Detail

- 1MECHANICAL_METHOD_CODE
Unique code identifying the mechanical control method.
Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;
- 2DESCRIPTION
Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3EFFECTIVE_DATE
Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4EXPIRY_DATE
Expiry date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Container : IAPP Version :

Column Detail

5 UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

Table Name : MECHANICAL_TREATMENTAlias : MT
Display Title : Mechanical Treatment

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	MECHANICAL_TREATMENT_ID	NOT NULL	NUMBER (10)
2	AREA_TREATED	NOT NULL	NUMBER (15, 4)
3	MECHANICAL_METHOD_CODE	NOT NULL	VARCHAR2 (3)

Primary Key

<u>Name</u>	<u>Column</u>
MT_PK	MECHANICAL_TREATMENT_ID

Foreign Keys

MT_MMCD_FK
MECHANICAL_METHOD_CODE references
MECHANICAL_METHOD_CODE.MECHANICAL_METHOD_CODE
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
MT_MMCD_FK_I	20	MECHANICAL_METHOD_CODE	NOT UNIQUE

Column Detail

- 1MECHANICAL_TREATMENT_ID
Primary unique numeric identifier for a mechanical control.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2AREA_TREATED
Area (hectares) over which the mechanical control was applied.

Container : IAPPVersion :

Column Detail

Optional ? :No ; Number (15, 4) ;() ; ; Uppercase ? :No ;

Notes

3 MECHANICAL_METHOD_CODE

Unique code identifying the mechanical control method.

Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : MONITORING_SURVEYORAlias : MS
Display Title : Monitoring Surveyor

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	MONITORING_ID	NOT NULL	NUMBER (10)
2	PARTICIPANT_ID	NOT NULL	NUMBER (10)
3	ENTRY_TIMESTAMP	NOT NULL	DATE
4	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
5	UPDATE_TIMESTAMP	NOT NULL	DATE
6	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
MS_PK	MONITORING_ID PARTICIPANT_ID

Foreign Keys

MS_MN_FK

MONITORING_ID references INVASIVE_PLANT_MONITORING.MONITORING_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

MS_PART_FK

PARTICIPANT_ID references IAPP_PARTICIPANT.PARTICIPANT_ID
Transferable ? YesUpdate Rule : Restricted
Mandatory ? YesDelete Rule : Restricted

Column Detail

1 MONITORING_ID
Primary unique numeric identifier for a monitoring.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPP Version :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
MS_MN_FK_I	50	MONITORING_ID	NOT UNIQUE
MS_PART_FK_I	50	PARTICIPANT_ID	NOT UNIQUE

Column Detail

- 2

PARTICIPANT_ID

Primary unique numeric identifier for an applicator.

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 3

ENTRY_TIMESTAMP

Entered date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4

ENTRY_USERID

Entered by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 5

UPDATE_TIMESTAMP

Updated date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 6

UPDATE_USERID

Updated by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : ORG_UNITAlias : OU
Display Title : Org Unit

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	ORG_UNIT_NO	NOT NULL	NUMBER (10, 0)

Primary Key

<u>Name</u>	<u>Column</u>
OU_PK	ORG_UNIT_NO

Column Detail

1 ORG_UNIT_NO
The organizational unit number of the user who added this record or who last updated the information.
Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : PERSPECTIVE_CODEAlias : PC
Display Title : Perspective Code

Description :

Notes :

User/Help Text :

Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
1	PERSPECTIVE_CODE	NOT NULL	VARCHAR2 (1)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

Name	Column
PC_PK	PERSPECTIVE_CODE

Column Detail

- 1

PERSPECTIVE_CODE

Unique code identifying the perspective from which the image is represented.
Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
- 2

DESCRIPTION

Description of the code.
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
- 3

EFFECTIVE_DATE

Effective date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 4

EXPIRY_DATE

Expiry date/time

Container : IAPPVersion :

Column Detail

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

5 UPDATE_TIMESTAMP
Update date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : PROPOSED_IAPP_ACTIVITYAlias : PA
Display Title : Proposed Iapp Activity

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	PROPOSED_ACTIVITY_ID	NOT NULL	NUMBER (10)
2	ENTRY_TIMESTAMP	NOT NULL	DATE
3	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
4	UPDATE_TIMESTAMP	NOT NULL	DATE
5	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
6	REVISION_COUNT	NOT NULL	NUMBER (10, 0)
7	BIOLOGICAL_AGENT_CODE	NULL	VARCHAR2 (7)
8	SURVEY_ID	NULL	NUMBER (10)
9	HERBICIDE_CODE	NULL	VARCHAR2 (1)
10	PLAN_ID	NULL	NUMBER (10)
11	IAPP_ACTIVITY_CODE	NOT NULL	VARCHAR2 (2)

Primary Key

<u>Name</u>	<u>Column</u>
PA_PK	PROPOSED_ACTIVITY_ID

Column Detail

- 1
PROPOSED_ACTIVITY_ID
Primary unique numeric identifier for a proposed IAPP activity record.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2
ENTRY_TIMESTAMP
Entered date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 3
ENTRY_USERID

Container : IAPP Version :

Foreign Keys

PA_AC_FK

IAPP_ACTIVITY_CODE references IAPP_ACTIVITY_CODE.IAPP_ACTIVITY_CODE
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Restricted

PA_BAC_FK

BIOLOGICAL_AGENT_CODE references
BIOLOGICAL_AGENT_CODE.BIOLOGICAL_AGENT_CODE
Transferable ? Yes Update Rule : Restricted
Mandatory ? No Delete Rule : Restricted

PA_HC_FK

HERBICIDE_CODE references HERBICIDE_CODE.HERBICIDE_CODE
Transferable ? Yes Update Rule : Restricted
Mandatory ? No Delete Rule : Restricted

PA_IPP_FK

PLAN_ID references INVASIVE_PLANT_PLAN.PLAN_ID
Transferable ? Yes Update Rule : Restricted
Mandatory ? No Delete Rule : Restricted

PA_SRVY_FK

SURVEY_ID references INVASIVE_PLANT_SURVEY.SURVEY_ID
Transferable ? Yes Update Rule : Restricted
Mandatory ? No Delete Rule : Restricted

Check Constraints

<u>Name</u>	<u>Where Validate Clause</u>
PIA_AGENT_ARC_CC	(HERBICIDE_CODE IS NOT NULL AND BIOLOGICAL_AGENT_CODE IS NULL) OR (HERBICIDE_CODE IS NULL AND BIOLOGICAL_AGENT_CODE IS NOT NULL) OR (HERBICIDE_CODE IS NULL AND BIOLOGICAL_AGENT_CODE IS NULL)
PIA_CONTEXT_ARC_CC	(SURVEY_ID IS NOT NULL AND PLAN_ID IS NULL) OR (SURVEY_ID IS NULL AND PLAN_ID IS NOT NULL)

Column Detail

Entered by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

4 UPDATE_TIMESTAMP

Container : IAPP Version :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
PA_AC_FK_I	20	IAPP_ACTIVITY_CODE	NOT UNIQUE
PA_BAC_FK_I	20	BIOLOGICAL_AGENT_CODE	NOT UNIQUE
PA_HC_FK_I	20	HERBICIDE_CODE	NOT UNIQUE
PA_IPP_FK_I	20	PLAN_ID	NOT UNIQUE
PA_SRVY_FK_I	20	SURVEY_ID	NOT UNIQUE

Column Detail

Updated date/time

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

5 UPDATE_USERID

Updated by

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

6 REVISION_COUNT

Used to ensure data consistency during updates to entities. The revision count will be checked before performing the update to ensure the update is being applied to the version it started with.

Optional ? :No ; Number (10, 0) ;() ; ; Uppercase ? :No ;

7 BIOLOGICAL_AGENT_CODE

Unique code identifying the bioagent.

Optional ? :Yes ; Varchar2 (7) ;() ; ; Uppercase ? :No ;

Notes

8 SURVEY_ID

Primary unique numeric identifier for an Invasive Plant Survey.

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

9 HERBICIDE_CODE

Unique code identify the herbicide.

Optional ? :Yes ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

10 PLAN_ID

Primary unique numeric identifier for a treatment plan.

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

11 IAPP_ACTIVITY_CODE
Unique code identifying the activity.
Optional ? :No ; Varchar2 (2) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : RANGE_UNITAlias : RU
Display Title : Range Unit

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	RANGE_UNIT_ID	NOT NULL	VARCHAR2 (10)

Primary Key

<u>Name</u>	<u>Column</u>
RU_PK	RANGE_UNIT_ID

Column Detail

1 RANGE_UNIT_ID
Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Table Name : TREATMENT_APPLICATORAlias : TA
Display Title : Treatment Applicator

Description :
User/Help Text :
Volumes

Start Rows :End Rows :

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	TREATMENT_ID	NOT NULL	NUMBER (10)
2	PARTICIPANT_ID	NOT NULL	NUMBER (10)
3	CERTIFICATE_NO	NULL	VARCHAR2 (6)
4	ENTRY_TIMESTAMP	NOT NULL	DATE
5	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
6	UPDATE_TIMESTAMP	NOT NULL	DATE
7	UPDATE_USERID	NOT NULL	VARCHAR2 (30)

Primary Key

<u>Name</u>	<u>Column</u>
TA_PK	PARTICIPANT_ID TREATMENT_ID

Foreign Keys

TA_IPT_FK	
TREATMENT_ID	references INVASIVE_PLANT_TREATMENT.TREATMENT_ID
Transferable ?	Yes Update Rule : Restricted
Mandatory ?	Yes Delete Rule : Restricted

TA_PART_FK	
PARTICIPANT_ID	references IAPP_PARTICIPANT.PARTICIPANT_ID
Transferable ?	Yes Update Rule : Restricted
Mandatory ?	Yes Delete Rule : Restricted

Column Detail

1	TREATMENT_ID	Primary unique numeric identifier for an invasive plant control.
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Container : IAPP Version :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
TA_IPT_FK_I	20	TREATMENT_ID	NOT UNIQUE
TA_PART_FK_I	50	PARTICIPANT_ID	NOT UNIQUE

Column Detail

- Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 2 PARTICIPANT_ID
Primary unique numeric identifier for an applicator.
Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
- 3 CERTIFICATE_NO
The applicator's certificate or license number that authorizes them to work with herbicides.
Optional ? :Yes ; Varchar2 (6) ;() ; ; Uppercase ? :No ;
- 4 ENTRY_TIMESTAMP
Entered date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 5 ENTRY_USERID
Entered by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
- 6 UPDATE_TIMESTAMP
Updated date/time
Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
- 7 UPDATE_USERID
Updated by
Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

View Name : BIOLOGICAL_AGENT_VW

Alias : BAV

Display Title : Biological Agent View

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	BIOLOGICAL_AGENT	NULL	VARCHAR2 (240)
20	LATIN_NAME	NULL	VARCHAR2 (240)

Column Detail

10BIOLOGICAL_AGENT

Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

20LATIN_NAME

Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

View Name :
BIOLOGICAL_DISPERSAL_POLY_SVW

Alias : BDPV
Display Title : Biological Dispersal Poly
Spatial View

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	BIOLOGICAL_DISPERSAL_ID	NULL	VARCHAR2 (240)
20	SITE_ID	NULL	VARCHAR2 (240)
30	GEOMETRY	NULL	VARCHAR2 (240)
40	FEATURE_AREA	NULL	VARCHAR2 (240)
50	FEATURE_CODE	NULL	VARCHAR2 (240)
60	INVASIVE_PLANT	NULL	VARCHAR2 (240)
70	INSPECTION_DATE	NULL	VARCHAR2 (240)
80	BIOLOGICAL_AGENT	NULL	VARCHAR2 (240)
90	PRESENCE_IND	NULL	VARCHAR2 (240)
100	UTM_EASTING	NULL	VARCHAR2 (240)
110	UTM_NORTHING	NULL	VARCHAR2 (240)
120	UTM_ZONE	NULL	VARCHAR2 (240)
130	APP_LINK	NULL	VARCHAR2 (240)

Column Detail

10	BIOLOGICAL_DISPERSAL_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
20	SITE_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
30	GEOMETRY	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
40	FEATURE_AREA	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
50	FEATURE_CODE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
60	INVASIVE_PLANT	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
70	INSPECTION_DATE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
80	BIOLOGICAL_AGENT	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
90	PRESENCE_IND	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
100	UTM_EASTING	

Table Definition

Container : IAPPVersion :

Column Detail

Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

110 UTM_NORTHING

Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

120 UTM_ZONE

Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

130 APP_LINK

Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

View Name : BIOLOGICAL_MONITOR_POLY_SVW

Alias : BMPV

Display Title : Biological Monitor Poly Spatial View

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	MONITORING_ID	NULL	VARCHAR2 (240)
20	TREATMENT_ID	NULL	VARCHAR2 (240)
30	SITE_ID	NULL	VARCHAR2 (240)
40	GEOMETRY	NULL	VARCHAR2 (240)
50	FEATURE_AREA	NULL	VARCHAR2 (240)
60	FEATURE_CODE	NULL	VARCHAR2 (240)
70	INVASIVE_PLANT	NULL	VARCHAR2 (240)
80	TREATMENT_DATE	NULL	VARCHAR2 (240)
90	INSPECTION_DATE	NULL	VARCHAR2 (240)
100	BIOLOGICAL_AGENT	NULL	VARCHAR2 (240)
110	PRESENCE_IND	NULL	VARCHAR2 (240)
120	UTM_EASTING	NULL	VARCHAR2 (240)
130	UTM_NORTHING	NULL	VARCHAR2 (240)
140	UTM_ZONE	NULL	VARCHAR2 (240)
150	APP_LINK	NULL	VARCHAR2 (240)

Column Detail

10	MONITORING_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
20	TREATMENT_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
30	SITE_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
40	GEOMETRY	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
50	FEATURE_AREA	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
60	FEATURE_CODE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
70	INVASIVE_PLANT	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
80	TREATMENT_DATE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
90	INSPECTION_DATE	

Table Definition

Container : IAPPVersion :

Column Detail

	Optional ? :Yes ; Varchar2 (240) ;()	;		;	Uppercase ? :No ;
100	BIOLOGICAL_AGENT				
	Optional ? :Yes ; Varchar2 (240) ;()	;		;	Uppercase ? :No ;
110	PRESENCE_IND				
	Optional ? :Yes ; Varchar2 (240) ;()	;		;	Uppercase ? :No ;
120	UTM_EASTING				
	Optional ? :Yes ; Varchar2 (240) ;()	;		;	Uppercase ? :No ;
130	UTM_NORTHING				
	Optional ? :Yes ; Varchar2 (240) ;()	;		;	Uppercase ? :No ;
140	UTM_ZONE				
	Optional ? :Yes ; Varchar2 (240) ;()	;		;	Uppercase ? :No ;
150	APP_LINK				
	Optional ? :Yes ; Varchar2 (240) ;()	;		;	Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

View Name :
BIOLOGICAL_TREATMENT_POLY_SVW

Alias : BTPV
Display Title : Biological Treatment Poly
Spatial View

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	BIOLOGICAL_TREATMENT_ID	NULL	VARCHAR2 (240)
20	SITE_ID	NULL	VARCHAR2 (240)
30	GEOMETRY	NULL	VARCHAR2 (240)
40	FEATURE_AREA	NULL	VARCHAR2 (240)
50	FEATURE_CODE	NULL	VARCHAR2 (240)
60	INVASIVE_PLANT	NULL	VARCHAR2 (240)
70	TREATMENT_ID	NULL	VARCHAR2 (240)
80	TREATMENT_DATE	NULL	VARCHAR2 (240)
90	BIOLOGICAL_AGENT	NULL	VARCHAR2 (240)
100	RELEASE_QUANTITY	NULL	VARCHAR2 (240)
110	UTM_EASTING	NULL	VARCHAR2 (240)
120	UTM_NORTHING	NULL	VARCHAR2 (240)
130	UTM_ZONE	NULL	VARCHAR2 (240)
140	APP_LINK	NULL	VARCHAR2 (240)

Column Detail

10	BIOLOGICAL_TREATMENT_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
20	SITE_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
30	GEOMETRY	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
40	FEATURE_AREA	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
50	FEATURE_CODE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
60	INVASIVE_PLANT	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
70	TREATMENT_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
80	TREATMENT_DATE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
90	BIOLOGICAL_AGENT	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

100	RELEASE_QUANTITY	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
110	UTM_EASTING	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
120	UTM_NORTHING	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
130	UTM_ZONE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
140	APP_LINK	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

View Name : CHEMICAL_TREATMENT_POLY_SVW

Alias : CTPV

Display Title : Chemical Treatment Poly Spatial View

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	CHEMICAL_TREATMENT_ID	NULL	VARCHAR2 (240)
20	SITE_ID	NULL	VARCHAR2 (240)
30	GEOMETRY	NULL	VARCHAR2 (240)
40	FEATURE_AREA	NULL	VARCHAR2 (240)
50	FEATURE_CODE	NULL	VARCHAR2 (240)
60	INVASIVE_PLANT	NULL	VARCHAR2 (240)
70	TREATMENT_ID	NULL	VARCHAR2 (240)
80	TREATMENT_DATE	NULL	VARCHAR2 (240)
90	AREA_TREATED	NULL	VARCHAR2 (240)
100	HERBICIDE_CODE	NULL	VARCHAR2 (240)
110	HERBICIDE	NULL	VARCHAR2 (240)
120	CHEMICAL_METHOD	NULL	VARCHAR2 (240)
130	UTM_EASTING	NULL	VARCHAR2 (240)
140	UTM_NORTHING	NULL	VARCHAR2 (240)
150	UTM_ZONE	NULL	VARCHAR2 (240)
160	APP_LINK	NULL	VARCHAR2 (240)

Column Detail

10	CHEMICAL_TREATMENT_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
20	SITE_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
30	GEOMETRY	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
40	FEATURE_AREA	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
50	FEATURE_CODE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
60	INVASIVE_PLANT	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
70	TREATMENT_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
80	TREATMENT_DATE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

90	AREA_TREATED	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
100	HERBICIDE_CODE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
110	HERBICIDE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
120	CHEMICAL_METHOD	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
130	UTM_EASTING	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
140	UTM_NORTHING	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
150	UTM_ZONE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
160	APP_LINK	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

Container : IAPPVersion :

View Name : IAPP_SITE_BIO_TRTMT_VWAlias : SBVW

Display Title : IAPP Site Biological Treatment View

Comment : Used for the Highlight Biological Treatment custom query in the IAPP - Map Display IMF application. Returns all invasive plants. Includes the corresponding Site ID for the plant and indicates if the invasive plant has been treated biologically. If the BIOLOGICAL_AGENT column is null then the invasive plant has not been treated biologically. If the BIOLOGICAL_AGENT column contains either the biological agent or 'UNKNOWN' the invasive plant has been treated biologically.

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	SITE_ID	NULL	VARCHAR2 (240)
20	INVASIVE_PLANT	NULL	VARCHAR2 (240)
30	BIOLOGICAL_AGENT	NULL	VARCHAR2 (240)

Column Detail

- 10SITE_ID
Primary unique numeric identifier for an invasive plant site.
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
- 20INVASIVE_PLANT
The 4 character code for the Invasive Plant genus and the 3 character code for the invasive plant species concatenated together with a separating space. Invasive plants (also commonly referred to as "weeds") are typically non-native plants that have found their way into British Columbia without the insect predators and/or plant pathogens that help keep them in check in their native habitats.
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
- 30BIOLOGICAL_AGENT
Identifies an organism used to control an invasive alien plant, if that plant has been treated biologically and the agent is known. If the BIOLOGICAL_AGENT column is null then the invasive plant has not been treated biologically. If the BIOLOGICAL_AGENT column contains either the biological agent or 'UNKNOWN' the invasive plant has been treated biologically.
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

Container : IAPP Version :

View Name : IAPP_SITE_CHEM_TRTMT_VW Alias : SCVW

Display Title : IAPP Site Chemical Treatment View

Comment : Used for the Highlight Chemical Treatment custom query in the IAPP - Map Display IMF application. Returns all invasive plants. Includes the corresponding Site ID for the plant and indicates if the invasive plant has been treated chemically. If the HERBICIDE_CODE column is null then the invasive plant has not been treated chemically. If the HERBICIDE_CODE column contains the herbicide code then the invasive plant has been treated chemically with that herbicide.

Description :

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	SITE_ID	NULL	VARCHAR2 (240)
20	INVASIVE_PLANT	NULL	VARCHAR2 (240)
30	HERBICIDE_CODE	NULL	VARCHAR2 (240)

Column Detail

- 10 SITE_ID
Primary unique numeric identifier for an invasive plant site.
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
- 20 INVASIVE_PLANT
The 4 character code for the Invasive Plant genus and the 3 character code for the invasive plant species concatenated together with a separating space. Invasive plants (also commonly referred to as "weeds") are typically non-native plants that have found their way into British Columbia without the insect predators and/or plant pathogens that help keep them in check in their native habitats.
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
- 30 HERBICIDE_CODE
Identifies the herbicide used to treat the invasive plant, if that plant has been treated chemically. If the HERBICIDE_CODE column is null then the invasive plant has not been treated chemically. If the HERBICIDE_CODE column contains the herbicide code then the invasive plant has been treated chemically with that herbicide.
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

View Name : INVASIVE_PLANT_SITE_POLY_SVW

Alias : ISPV

Display Title : Invasive Plant Site Poly Spatial View

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	SITE_ID	NULL	VARCHAR2 (240)
20	GEOMETRY	NULL	VARCHAR2 (240)
30	FEATURE_AREA	NULL	VARCHAR2 (240)
40	FEATURE_CODE	NULL	VARCHAR2 (240)
50	SITE_CREATED_DATE	NULL	VARCHAR2 (240)
60	SLOPE	NULL	VARCHAR2 (240)
70	ASPECT	NULL	VARCHAR2 (240)
80	ELEVATION	NULL	VARCHAR2 (240)
90	BGC_ZONE_CODE	NULL	VARCHAR2 (240)
100	BGC_SUBZONE_CODE	NULL	VARCHAR2 (240)
110	VARIANT	NULL	VARCHAR2 (240)
120	PHASE	NULL	VARCHAR2 (240)
130	BEC_SITE_SERIES_CD	NULL	VARCHAR2 (240)
140	UTM_EASTING	NULL	VARCHAR2 (240)
150	UTM_NORTHING	NULL	VARCHAR2 (240)
160	UTM_ZONE	NULL	VARCHAR2 (240)
170	MAPSHEET	NULL	VARCHAR2 (240)
180	RANGE_UNIT_ID	NULL	VARCHAR2 (240)
190	ROLLUP_DIST_CODE	NULL	VARCHAR2 (240)
200	JURISDICTION	NULL	VARCHAR2 (240)
210	MAP_LABEL	NULL	VARCHAR2 (240)
220	APP_LINK	NULL	VARCHAR2 (240)

Column Detail

10	SITE_ID	
	Optional ?	:Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
20	GEOMETRY	
	Optional ?	:Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
30	FEATURE_AREA	
	Optional ?	:Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
40	FEATURE_CODE	
	Optional ?	:Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
50	SITE_CREATED_DATE	
	Optional ?	:Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
60		

Table Definition

Container : IAPPVersion :

Column Detail

	SLOPE	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
70	ASPECT	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
80	ELEVATION	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
90	BGC_ZONE_CODE	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
100	BGC_SUBZONE_CODE	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
110	VARIANT	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
120	PHASE	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
130	BEC_SITE_SERIES_CD	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
140	UTM_EASTING	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
150	UTM_NORTHING	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
160	UTM_ZONE	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
170	MAPSHEET	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
180	RANGE_UNIT_ID	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
190	ROLLUP_DIST_CODE	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
200	JURISDICTION	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
210	MAP_LABEL	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;
220	APP_LINK	
	Optional ? :Yes ; Varchar2 (240) ;()	; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

View Name :MECHANICAL_TREATMENT_POLY_SVW

Alias : MTPV

Display Title : Mechanical Treatment Poly Spatial View

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	MECHANICAL_TREATMENT_ID	NULL	VARCHAR2 (240)
20	SITE_ID	NULL	VARCHAR2 (240)
30	GEOMETRY	NULL	VARCHAR2 (240)
40	FEATURE_AREA	NULL	VARCHAR2 (240)
50	FEATURE_CODE	NULL	VARCHAR2 (240)
60	INVASIVE_PLANT	NULL	VARCHAR2 (240)
70	TREATMENT_ID	NULL	VARCHAR2 (240)
80	TREATMENT_DATE	NULL	VARCHAR2 (240)
90	AREA_TREATED	NULL	VARCHAR2 (240)
100	MECHANICAL_METHOD	NULL	VARCHAR2 (240)
110	UTM_EASTING	NULL	VARCHAR2 (240)
120	UTM_NORTHING	NULL	VARCHAR2 (240)
130	UTM_ZONE	NULL	VARCHAR2 (240)
140	APP_LINK	NULL	VARCHAR2 (240)

Column Detail

10	MECHANICAL_TREATMENT_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
20	SITE_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
30	GEOMETRY	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
40	FEATURE_AREA	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
50	FEATURE_CODE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
60	INVASIVE_PLANT	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
70	TREATMENT_ID	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
80	TREATMENT_DATE	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;
90	AREA_TREATED	Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

Table Definition

Container : IAPPVersion :

Column Detail

100 MECHANICAL_METHOD
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

110 UTM_EASTING
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

120 UTM_NORTHING
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

130 UTM_ZONE
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

140 APP_LINK
Optional ? :Yes ; Varchar2 (240) ;() ; ; Uppercase ? :No ;

Oracle Designer
TABLE DEFINITION
End of Report