

Oracle Designer

Report : ENTITIES AND THEIR ATTRIBUTES
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Run by : KFREW\$DES
Report Date : 29 July 2005
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Parameter values

Workarea : GLOBAL SHARED WORKAREA
Container : IAPP
Container Version :
Recurse Sub-Containers : N
Entity Name : %
Diagram :

Entities Created

On/After :
On/Before : 29 July 2005

and

Entities Changed

On/After :
On/Before : 29 July 2005

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
AREA CLASSIFICATION CODE	AREA CLASSIFICATION CODE	10	N	VARCHAR2	1		Unique code identifying the classification of the area. Possible values are Research and Collection	
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	
BEC CODE TABLE	BEC CODE ID	1	N	NUMBER	4		Unique identifier for biogeoclimatic unit code.	
BEC SITE SERIES	BEC SITE SERIES ID		N	NUMBER	10			
BIOAGENT MATURITY STATUS CODE	BIOAGENT MATURITY STATUS CODE	10	N	VARCHAR2	1		Unique code identifying the status.	
	DESCRIPTION	20	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	30	N	DATE			Effective date/time	
	EXPIRY DATE		N	DATE			Expiry date/time	
	UPDATE TIMESTAMP		N	DATE			Update date/time	
BIOLOGICAL AGENT CODE	BIOLOGICAL AGENT CODE	10	N	VARCHAR2	7		Unique code identifying the bioagent.	Increased length from 12 to 20 to allow flexibility for future codes. [Jon Aquino 2004-09-01]
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
BIOLOGICAL AGENT EXCEPTION	EXCEPTION ID	1000	N	NUMBER	10			Primary unique identifier for a Biological Agent Exception	
	EXCEPTION COMMENTS	1100	N	VARCHAR2	2000			Exception comments entered by user at time of data entry and appropriate use of Biological Agent exception.	
	ENTRY TIMESTAMP	1200	N	DATE				Entered date/time	
	ENTRY USERID	1300	N	VARCHAR2	30			Entered by	
	UPDATE TIMESTAMP	1400	N	DATE				Updated date/time	
	UPDATE USERID	1405	N	VARCHAR2	30			Updated by	
	REVISION COUNT	1410	N	NUMBER	10	0		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.	
BIOLOGICAL AGENT MATURITY	ENTRY TIMESTAMP	1000	N	DATE				Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30			Entered by	
	UPDATE TIMESTAMP	1200	N	DATE				Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30			Updated by	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
BIOLOGICAL AGENT SPREAD	SPREAD ID	10	N	NUMBER	10		Primary unique numeric identifier for a biological spread.	
	BEARING	180	N	NUMBER	3		The bearing of this transect, in degrees, measured clockwise from north.	
	DISTANCE	190	N	NUMBER	10	1	Distance (metres) from the release point to the edge of the spread.	In the data, the most number of decimal places is 1 ("1.5"). And the largest value is 600. Hence my choices for length and decimal places. [Jon Aquino 2004-08-31]
	ENTRY TIMESTAMP	1000	N	DATE			Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30		Entered by	
	UPDATE TIMESTAMP	1200	N	DATE			Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30		Updated by	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
BIOLOGICAL DISPERSAL	BIOLOGICAL DISPERSAL ID	10	N	NUMBER	10		Primary unique numeric identifier for a biological dispersal.	
	PAPER FILE ID	10	Y	VARCHAR2	20		The file identification number used to reference the corresponding paperwork for this record.	
	INSPECTION DATE	15	N	DATE			Date on which the inspection was made.	
	PLANT COUNT	20	Y	NUMBER	4		The number of plants sampled to determine bioagent density.	
	AGENT COUNT	40	Y	NUMBER	4		The number of bioagents found in the sample to determine bioagent density.	
	FOLIAR FEEDING DAMAGE IND	60	N	VARCHAR2	1		Indicates the presence of bioagent damage to leaves.	
	ROOT FEEDING DAMAGE IND	160	N	VARCHAR2	1		Indicates the presence of bioagent damage to roots.	
	SEED FEEDING DAMAGE IND	170	N	VARCHAR2	1		Indicates the presence of bioagent damage to seeds.	
	OVIPOSITION MARKS IND	310	N	VARCHAR2	1		Indicates the presence of oviposition marks -- slits that the insect makes in the vegetation for depositing its eggs.	
	LARVAE PRESENT IND	320	N	VARCHAR2	1		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	

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<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
BIOLOGICAL DISPERSAL							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]	
	PUPAE PRESENT IND	330	N	VARCHAR2	1		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]	
	ADULTS PRESENT IND	333	N	VARCHAR2	1		Indicates the presence of the adult stage of the bioagent.	
	TUNNELS PRESENT IND	334	N	VARCHAR2	1		Indicates the presence of exit holes or tunnels.	
	COUNT DURATION	335	Y	NUMBER	4		Number of minutes required for collection and inspection.	
	COMMENTS	340	Y	VARCHAR2	2000		A free-format, user-entered comment on the dispersal.	
	UTM EASTING	380	N	NUMBER	6		The Universal Transverse	

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<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
BIOLOGICAL DISPERSAL							Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone).	
	UTM NORTHING	390	N	NUMBER	7		The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator).	
	UTM ZONE	470	N	NUMBER	2		The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia.	
	ENTRY TIMESTAMP	1000	N	DATE			Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30		Entered by	
	UPDATE TIMESTAMP	1200	N	DATE			Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30		Updated by	
	REVISION COUNT	1400	N	NUMBER	10	0	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.	

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<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
BIOLOGICAL MONITORING	BIOLOGICAL MONITORING ID	10	N	NUMBER	10		Primary unique numeric identifier for a monitoring.	
	PAPER FILE ID	20	Y	VARCHAR2	20		The file identification number used to reference the corresponding paperwork for this record.	
	INSPECTION DATE	30	N	DATE			Date on which the inspection was made.	
	PLANT COUNT	40	Y	NUMBER	4		The number of plants sampled to determine bioagent density.	
	AGENT COUNT	50	Y	NUMBER	4		The number of bioagents found in the sample to determine bioagent density.	
	COUNT DURATION	60	Y	NUMBER	4		Number of minutes required for collection and inspection.	
	AGENT DESTROYED IND	70	N	VARCHAR2	1		Indicates that the agent was destroyed by some external influence.	
	LEGACY PRESENCE IND	80	N	VARCHAR2	1		Indicates whether the bioagent was found.	
	FOLIAR FEEDING DAMAGE IND	90	N	VARCHAR2	1		Indicates the presence of bioagent damage to leaves.	
	ROOT FEEDING DAMAGE IND	100	N	VARCHAR2	1		Indicates the presence of bioagent damage to roots.	
	SEED FEEDING DAMAGE IND	110	N	VARCHAR2	1		Indicates the presence of bioagent damage to seeds.	
	OVIPOSITION MARKS IND	120	N	VARCHAR2	1		Indicates the presence of oviposition marks -- slits that the insect makes in the vegetation for depositing its eggs.	

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<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
BIOLOGICAL MONITORING	LARVAE PRESENT IND	130	N	VARCHAR2	1		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]	
	PUPAE PRESENT IND	140	N	VARCHAR2	1		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]	
	ADULTS PRESENT IND	150	N	VARCHAR2	1		Indicates the presence of the adult stage of the bioagent.	
	TUNNELS PRESENT IND	160	N	VARCHAR2	1		Indicates the presence of exit holes or tunnels.	

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<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
BIOLOGICAL MONITORING	COMMENTS	170	Y	VARCHAR2	2000		A free-format, user-entered comment on the monitoring.	
	UTM EASTING	180	N	NUMBER	6		The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone).	
	UTM NORTHING	190	N	NUMBER	7		The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator).	
	UTM ZONE	200	N	NUMBER	2		The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia.	
	ENTRY USERID	240	N	VARCHAR2	30		Entered by	
	ENTRY TIMESTAMP	250	N	DATE			Entered date/time	
	UPDATE TIMESTAMP	260	N	DATE			Updated date/time	
	UPDATE USERID	270	N	VARCHAR2	30		Updated by	
	REVISION COUNT	280	N	NUMBER	10	0	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.	

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BIOLOGICAL MONITORING SURVEYOR	ENTRY TIMESTAMP	1000	N	DATE				Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30			Entered by	
	UPDATE TIMESTAMP	1200	N	DATE				Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30			Updated by	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
BIOLOGICAL TREATMENT : Sub- type of INVASIVE PLANT TREATMENT	BIOLOGICAL TREATMENT ID	5	N	NUMBER	10		Primary unique numeric identifier for a biological control.	
	BIOAGENT SOURCE	130	Y	VARCHAR2	100		The provider of the Biological Agent. Can be an organization, individual or country.	
	COLLECTION DATE	145	Y	DATE			The date that the Biological Agent was collected or harvested.	
	STAGE EGG IND	147	N	VARCHAR2	1		Indicates the release of eggs of the bioagent.	
	STAGE LARVA IND	147	N	VARCHAR2	1		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]	
	STAGE PUPA IND	148	N	VARCHAR2	1		Indicates the release 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:	

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<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
BIOLOGICAL TREATMENT : Sub- type of INVASIVE PLANT TREATMENT							Integrated Pest Management Manual for Landscape Pests in British Columbia, http://wlapwww.gov.bc.ca/epd/epdpa/eripm/landspdf/glosary.pdf]	
	STAGE ADULT IND	149	N	VARCHAR2	1		Indicates the release of the adult stage of the bioagent.	
	STAGE OTHER IND	150	N	VARCHAR2	1		Indicates the release of a bioagent at a stage that is not listed.	
	RELEASE TIME	170	N	DATE			The time of day at which the bioagent was released.	
	RELEASE QUANTITY	180	N	NUMBER	6		Number of insects released.	In the Access App, Validation Text is "<=9999". [Jon Aquino 2004-09-01]
	UTM EASTING	470	N	NUMBER	6		The Universal Transverse Mercator location reference. This is the Easting reference (metres east of the Central Meridian of the zone).	
	UTM NORTHING	480	N	NUMBER	7		The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator).	
	UTM ZONE	490	N	NUMBER	2		The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia.	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
CHEMICAL METHOD CODE	CHEMICAL METHOD CODE	10	N	VARCHAR2	3		Unique code identifying the chemical control method.	
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
CHEMICAL TREATMENT : Sub-type of INVASIVE PLANT TREATMENT	CHEMICAL TREATMENT ID	5	N	NUMBER	10		Primary unique numeric identifier for a chemical control.	
	AREA TREATED	35	N	NUMBER	15	4	Area (hectares) treated with the chemical control.	Current values are 0.16, 0.1, 0.03, 0.02, 0.01, 0.006. [Jon Aquino 2004-08-31]
	APPLICATION TIME	80	N	DATE			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]	Use same length and decimal places as Mechanical Control's. See its justification in the comments. [Jon Aquino 2004-09-01]
	TEMPERATURE	90	N	NUMBER	2		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,	In Access app, Validation Text is "Temperature must be <=40. Enter 0 if no information is available". [Jon Aquino 2004-08-31]

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<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
CHEMICAL TREATMENT : Sub-type of INVASIVE PLANT TREATMENT	HUMIDITY	100	Y	NUMBER	3		http://www.agf.gov.bc.ca/cropprot/weedman.htm 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]	In Access app, Validation Text is "Value may not exceed 100%. Enter 0 if no information is available" [Jon Aquino 2004-08-31]
	WIND VELOCITY	110	N	NUMBER	3		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]	In Access app, Validation Text is "Value must be <= 100. Enter 0 if no information is available" [Jon Aquino 2004-08-30]
	WIND DIRECTION	120	Y	NUMBER	3		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]	In Access app, Validation Text is "Value must be <=360. Enter 0 if no information is available" [Jon Aquino 2004-08-30]
	APPLICATION RATE	150	N	NUMBER	10	2	The application rate, in litres of chemical per	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
CHEMICAL TREATMENT : Sub-type of INVASIVE PLANT TREATMENT							hectare.	
	AMOUNT USED	160	N	NUMBER	10	5	The amount of chemical used, in litres.	
	DILUTION RATE	170	Y	NUMBER	10	4	The dilution rate, 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]	
	DELIVERY RATE	180	Y	NUMBER	10	0	The sprayer delivery rate, in L/ha.	
CLIENT LOCATION	CLIENT LOCN CODE		N	VARCHAR2	2		An identifier to uniquely specify the appropriate client address for a given Forest File, Cutting Permit, and sometimes Cut Block. Forest Client Link occurrence is retrieved by Forest File Id, Cutting Permit, and File Client Type 'A'.	
DISPERSAL SURVEYOR	ENTRY TIMESTAMP	1000	N	DATE			Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30		Entered by	
	UPDATE TIMESTAMP	1200	N	DATE			Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30		Updated by	
FOREST CLIENT	CLIENT NUMBER		N	VARCHAR2	8			

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
HERBICIDE CODE	HERBICIDE CODE	10	N	VARCHAR2	1		Unique code identify the herbicide.	
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	
IAPP ACTIVITY CODE	IAPP ACTIVITY CODE	10	N	VARCHAR2	2		Unique code identifying the activity.	
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	
IAPP AGENCY FOREST CLIENT	ENTRY TIMESTAMP	1000	N	DATE			Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30		Entered by	
	UPDATE TIMESTAMP	1200	N	DATE			Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30		Updated by	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP DISPERSAL CLOUDED POLY	GEOMETRY	5	N	CHAR				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.	
	FEATURE_CODE	20	N	VARCHAR2	10			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.	
	FEATURE AREA	25	N	NUMBER				The area of the polygon measured in square meters.	
	FEATURE LENGTH	30	N	NUMBER				The length of the perimeter of the polygon measured in meters.	
	ENTRY_TIMESTAMP	35	N	DATE				Entered date/time	
	ENTRY_USERID	40	N	VARCHAR2	30			Entered by	
	UPDATE_TIMESTAMP	90	N	DATE				Updated date/time	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP DISPERSAL CLOUDED POLY	UPDATE USERID	100	N	VARCHAR2	30			Updated by	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP DISPERSAL POLY DISPERSAL	POLY ID	5	N	NUMBER	38		Primary unique numeric identifier for a biological dispersal polygon.	
	GEOMETRY	12	N	CHAR			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.	
	FEATURE_CODE	20	N	VARCHAR2	10		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.	
	FEATURE AREA	25	N	NUMBER			The area of the polygon measured in square meters.	
	FEATURE LENGTH	25	N	NUMBER			The length of the perimeter of the polygon measured in meters.	
	GEOMETRY GENERATED IND	30	N	VARCHAR2	1		Indicates that GEOMETRY was generated from the dispersal UTM coordinate. Non generated geometry will take precedence over generated geometry.	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP DISPERSAL POLY	ENTRY TIMESTAMP	35	N	DATE				Entered date/time	
	ENTRY USERID	40	N	VARCHAR2	30			Entered by	
	UPDATE TIMESTAMP	90	N	DATE				Updated date/time	
	UPDATE USERID	100	N	VARCHAR2	30			Updated by	
	REVISION COUNT	110	N	NUMBER	10	0		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.	
IAPP EMPLOYER	EMPLOYER ID	10	N	NUMBER	10			Primary unique numeric identifier for an employer.	
	NAME	15	N	VARCHAR2	50			The name of the employer.	
	ENTRY TIMESTAMP	1000	N	DATE				Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30			Entered by	
	UPDATE TIMESTAMP	1200	N	DATE				Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30			Updated by	
	REVISION COUNT	1400	N	NUMBER	10	0		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.	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP IMAGE	IMAGE ID	10	N	NUMBER	10		Primary unique numeric identifier for an image.	
	IMAGE DATE	100	N	DATE			The date on which the photograph was taken or the image created.	
	REFERENCE NO	120	N	VARCHAR2	20		An external source reference number.	
	COMMENTS	140	Y	VARCHAR2	2000		A free-format, user-entered comment on the image.	
	IMAGE	900	N	IMAGE			The image stored as a BLOB.	
	ENTRY TIMESTAMP	1000	N	DATE			Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30		Entered by	
	UPDATE TIMESTAMP	1200	N	DATE			Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30		Updated by	
	REVISION COUNT	1400	N	NUMBER	10	0	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.	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP MONITORING CLOUDED POLY	GEOMETRY	5	N	CHAR				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.	
	FEATURE_CODE	20	N	VARCHAR2	10			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.	
	FEATURE AREA	25	N	NUMBER				The area of the polygon measured in square meters.	
	FEATURE LENGTH	30	N	NUMBER				The length of the perimeter of the polygon measured in meters.	
	ENTRY_TIMESTAMP	35	N	DATE				Entered date/time	
	ENTRY_USERID	40	N	VARCHAR2	30			Entered by	
	UPDATE_TIMESTAMP	90	N	DATE				Updated date/time	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP MONITORING CLOUDED POLY	UPDATE USERID	100	N	VARCHAR2	30			Updated by	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP MONITORING POLY	MONITORING POLY ID	5	N	NUMBER	38		Primary unique numeric identifier for a biological monitoring activity polygon.	
	GEOMETRY	12	N	CHAR			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.	
	FEATURE_CODE	20	N	VARCHAR2	10		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.	
	FEATURE AREA	25	N	NUMBER			The area of the polygon measured in square meters.	
	FEATURE LENGTH	25	N	NUMBER			The length of the perimeter of the polygon measured in meters.	
	GEOMETRY GENERATED IND	30	N	VARCHAR2	1		Indicates that GEOMETRY was generated from the monitoring UTM coordinate. Non generated geometry will take precedence over	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP MONITORING POLY								generated geometry.	
	ENTRY_TIMESTAMP	35	N	DATE				Entered date/time	
	ENTRY_USERID	40	N	VARCHAR2	30			Entered by	
	UPDATE_TIMESTAMP	90	N	DATE				Updated date/time	
	UPDATE_USERID	100	N	VARCHAR2	30			Updated by	
	REVISION_COUNT	110	N	NUMBER	10	0		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.	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP PARTICIPANT	PARTICIPANT ID	1	N	NUMBER	10		Primary unique numeric identifier for an applicator.	
	LAST NAME	2	N	VARCHAR2	50		Last name or surname of the participant.	
	FIRST NAME	3	N	VARCHAR2	50		First or given name of the participant.	
	MIDDLE INITIAL	5	Y	VARCHAR2	1		The middle initial of the participant.	
	ENTRY TIMESTAMP	6	N	DATE			Entered date/time	
	ENTRY USERID	7	N	VARCHAR2	30		Entered by	
	UPDATE TIMESTAMP	8	N	DATE			Updated date/time	
	UPDATE USERID	18	N	VARCHAR2	30		Updated by	
	REVISION COUNT	1400	N	NUMBER	10	0	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.	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP SITE CLOUDED POLY	GEOMETRY	5	N	CHAR			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 control to avoid the area, but distort the polygon enough that the exact location of a biological agent cannot be determined.	
	FEATURE_CODE	20	N	VARCHAR2	10		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.	
	FEATURE AREA	25	N	NUMBER			The area of the polygon measured in square meters.	
	FEATURE LENGTH	30	N	NUMBER			The length of the perimeter of the polygon measured in meters.	
	ENTRY_TIMESTAMP	35	N	DATE			Entered date/time	
	ENTRY_USERID	40	N	VARCHAR2	30		Entered by	
	UPDATE_TIMESTAMP	90	N	DATE			Updated date/time	
	UPDATE_USERID	100	N	VARCHAR2	30		Updated by	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP SITE POLY	SITE POLY ID	5	N	NUMBER	38		Primary unique numeric identifier for a site polygon.	
	GEOMETRY	10	N	CHAR			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.	
	FEATURE_CODE	15	N	VARCHAR2	10		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.	
	FEATURE AREA	17	N	NUMBER			The area of the polygon measured in square meters.	
	FEATURE LENGTH	20	N	NUMBER			The length of the perimeter of the polygon measured in meters.	
	GEOMETRY GENERATED IND	25	N	VARCHAR2	1		Indicates that GEOMETRY was generated from the Site UTM coordinate. Non generated geometry will take precedence over generated geometry.	
	RETIREMENT DATE	27	Y	DATE			The data a version of the data representing the	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP SITE POLY								site was replaced by another feature.	
	ENTRY TIMESTAMP	30	N	DATE				Entered date/time	
	ENTRY USERID	40	N	VARCHAR2	30			Entered by	
	UPDATE TIMESTAMP	90	N	DATE				Updated date/time	
	UPDATE USERID	100	N	VARCHAR2	30			Updated by	
	REVISION COUNT	110	N	NUMBER	10	0		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.	
IAPP SITE PRIORITY CODE	IAPP SITE PRIORITY CODE	30	Y	VARCHAR2	1			Numerical code representing the priority level. 1 is High.	
	DESCRIPTION	40	N	VARCHAR2	120			Description of the code.	
	EFFECTIVE DATE	50	N	DATE				Effective date/time	
	EXPIRY DATE	60	N	DATE				Expiry date/time	
	UPDATE TIMESTAMP	70	N	DATE				Update date/time	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP TREATMENT CLOUDED POLY	GEOMETRY	5	N	CHAR				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.	
	FEATURE_CODE	20	N	VARCHAR2	10			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.	
	FEATURE AREA	25	N	NUMBER				The area of the polygon measured in square meters.	
	FEATURE LENGTH	30	N	NUMBER				The length of the perimeter of the polygon measured in meters.	
	ENTRY_TIMESTAMP	35	N	DATE				Entered date/time	
	ENTRY_USERID	40	N	VARCHAR2	30			Entered by	
	UPDATE_TIMESTAMP	90	N	DATE				Updated date/time	
	UPDATE_USERID	100	N	VARCHAR2	30			Updated by	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP TREATMENT POLY	TREATMENT POLY ID	2	N	NUMBER	38		Primary unique numeric identifier for a treatment polygon.	
	GEOMETRY	5	N	CHAR			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.	
	FEATURE_CODE	20	N	VARCHAR2	10		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.	
	FEATURE AREA	25	N	NUMBER			The area of the polygon measured in square meters.	
	FEATURE LENGTH	25	N	NUMBER			The length of the perimeter of the polygon measured in meters.	
	GEOMETRY GENERATED IND	30	N	VARCHAR2	1		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.	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
IAPP TREATMENT POLY	ENTRY TIMESTAMP	35	N	DATE				Entered date/time	
	ENTRY USERID	40	N	VARCHAR2	30			Entered by	
	UPDATE TIMESTAMP	90	N	DATE				Updated date/time	
	UPDATE USERID	100	N	VARCHAR2	30			Updated by	
	REVISION COUNT	110	N	NUMBER	10	0		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.	
INVASIVE PLANT	INVASIVE PLANT ID	10	N	NUMBER	10			Primary unique numeric identifier for an invasive plant.	
	ENTRY TIMESTAMP	1000	N	DATE				Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30			Entered by	
	UPDATE TIMESTAMP	1200	N	DATE				Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30			Updated by	
	REVISION COUNT	1400	N	NUMBER	10	0		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.	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT AGENCY CODE	INVASIVE PLANT AGENCY CODE	10	N	VARCHAR2	4		Unique code identifying the agency.	In the Access App, Validation Text is "Code must be ten characters or less". [Jon Aquino 2004-09- 01]
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	
INVASIVE PLANT DENSITY CODE	INVASIVE PLANT DENSITY CODE	10	N	VARCHAR2	1		Unique code identifying the density of the plants.	
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	
INVASIVE PLANT DISTRIB CODE	INVASIVE PLANT DISTRIB CODE	10	N	VARCHAR2	1		Unique code identifying the distribution of the plants.	
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT LEGACY SITE	GIS KEY	5	Y	VARCHAR2	20		The identifier used to relate to the site's legacy spatial data.	
	SITE NO	30	N	NUMBER	10		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.	
	SPATIAL DATA PRESENT IND	80	N	VARCHAR2	1		Indicates whether spatial data exists for this record. TODO: Clarify with client [KF 2004-09-02]	
	DATASET	300	Y	VARCHAR2	300		A reference to the original system that housed this record. The legacy Access system was populated with data from several source systems.	
	INCLUDE IN REPORTS IND	360	N	VARCHAR2	1		Indicates if record should be included on certain reports. TODO: Clarify with client [KF 2004-09-02]	
	BIO FLAG IND	370	N	VARCHAR2	1		Indicates if record should be included on certain reports. TODO: Clarify with client [KF 2004-09-02]	
	BIO CONTROL IND	380	N	VARCHAR2	1		Indicates if record should be included on	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT LEGACY SITE							certain reports. TODO: Clarify with client [KF 2004-09-02]	
	ENTRY_TIMESTAMP	1000	N	DATE			Entered date/time	
	ENTRY_USERID	1100	N	VARCHAR2	30		Entered by	
	UPDATE_TIMESTAMP	1200	N	DATE			Updated date/time	
	UPDATE_USERID	1300	N	VARCHAR2	30		Updated by	
INVASIVE PLANT PLAN	PLAN ID	10	N	NUMBER	10		Primary unique numeric identifier for a treatment plan.	
	PLAN DATE	40	N	DATE			The date on which the plan was approved.	
	PROPOSED ACTIVITY DATE	200	Y	DATE			The proposed month and year for applying the controls.	
	COMMENTS	300	Y	VARCHAR2	2000		A free-format, user- entered comment on the approved plan e.g. which herbicide or biocontrol.	
	ENTRY_TIMESTAMP	1000	N	DATE			Entered date/time	
	ENTRY_USERID	1100	N	VARCHAR2	30		Entered by	
	UPDATE_TIMESTAMP	1200	N	DATE			Updated date/time	
	UPDATE_USERID	1300	N	VARCHAR2	30		Updated by	
	REVISION COUNT	1400	N	NUMBER	10	0	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.	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT SITE	SITE ID	5	N	NUMBER	10		Primary unique numeric identifier for a site.	
	PAPER FILE ID	6	Y	VARCHAR2	20		The file identification number used to reference the corresponding paperwork for this record.	
	SITE CREATED DATE	7	N	DATE			Date on which this site was initially created.	
	SLOPE	12	Y	NUMBER	3		Steepness of the ground, in percent.	In Access app, Validation Text is "Value must not exceed 100%; record to nearest whole percent. Enter 999 if no data is available". [Jon Aquino 2004-08-31]
	ASPECT	19	Y	NUMBER	3		Compass bearing in degrees of the direction in which a slope faces.	In Access app, Validation Text is "Only values between 0 and 360 degrees accepted. If no data available enter 999" [Jon Aquino 2004-08-31]
	ELEVATION	27	Y	NUMBER	5		Distance above sea-level, in metres.	Elevation ranges from 0 to 9690 [Jon Aquino 2004-08-31]
	BGC_ZONE_CODE	112	Y	VARCHAR2	4		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	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT SITE								Columbia.	
	BGC SUBZONE CODE	162	Y	VARCHAR2	3			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.	
	VARIANT	172	Y	VARCHAR2	1			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.	
	PHASE	182	Y	VARCHAR2	1			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.	
	BEC SITE SERIES CD	187	Y	VARCHAR2	2			A number from 01 to 99 representing the soil moisture regime and soil nutrient regime of a site	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT SITE							series, relative to other site series within a subzone or variant.	
	BEC CODE ID	188	Y	NUMBER	5		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.	
	BEC VALIDATION DATE	193	Y	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.	
	LAND OWNER	195	Y	VARCHAR2	100		The full name of the person or organization that owns the land on which the Biological Control takes place.	
	LAND OWNER TELEPHONE NO	198	Y	NUMBER	10		The telephone number for the Land Owner. Regional Districts will use this to track their clients.	
	LOCAL CONTACT	223	Y	VARCHAR2	100		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.	
	LOCAL CONTACT TELEPHONE NO	243	Y	NUMBER	10		The telephone number for the Local Contact.	
	UTM EASTING	293	N	NUMBER	6		The Universal Transverse Mercator location	In the Access app, Validation Text is

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT SITE							reference. This is the Easting reference (metres east of the Central Meridian of the zone).	"UTM Eastings Require 6 Numbers" [Jon Aquino 2004-09-01]
	UTM NORTHING	333	N	NUMBER	7		The Universal Transverse Mercator location reference. This is the Northing reference (metres north of the Equator).	In the Access app, Validation Text is "UTM Northings Require 7 Numbers" [Jon Aquino 2004-09-01]
	UTM ZONE	343	N	NUMBER	2		The Universal Transverse Mercator location reference known as the Zone reference. Ranges from 8 to 11 for British Columbia.	
	MAPSHEET	473	N	VARCHAR2	7		The 1:20,000 BCGS (British Columbia Geographic System) Mapsheet Number.	
	LOCATION	488	Y	VARCHAR2	2000		General description of the location of this site. Examples: "Wynndel 3.3km south", "TLANA BAY, LEFT HAND CORNER PAST CLIFFS", "Camp Busk".	
	COMMENTS	493	Y	VARCHAR2	2000		A free-format, user-entered comment on the site.	
	SENSITIVE DATA IND	503	N	VARCHAR2	1		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	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT SITE								Collection is identified on any child record of that site.
	ENTRY_TIMESTAMP	1003	N	DATE			Entered date/time	
	ENTRY_USERID	1103	N	VARCHAR2	30		Entered by	
	UPDATE_TIMESTAMP	1203	N	DATE			Updated date/time	
	UPDATE_USERID	1303	N	VARCHAR2	30		Updated by	
	REVISION_COUNT	1403	N	NUMBER	10	0	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.	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT SPECIES	GENUS CODE	15	N	VARCHAR2	4		The 4 character code for the Invasive Plant Species genus.	
	SPECIES CODE	17	N	VARCHAR2	3		The 3 character code for the Invasive Plant Species species.	
	LATIN NAME	20	N	VARCHAR2	100		Latin name for the invasive plant species. Examples: Abutilon theophrasti, Carduus nutans, Chrysanthemum leucanthemum.	
	COMMON NAME	21	N	VARCHAR2	100		Common name for the invasive plant species. Examples: Velvet leaf, Nodding thistle, Oxeye daisy.	
	MAP SYMBOL	26	N	VARCHAR2	2		Used for labeling on maps.	
	ENTRY TIMESTAMP	34	N	DATE			Entered date/time	
	ENTRY USERID	1104	N	VARCHAR2	30		Entered by	
	UPDATE TIMESTAMP	1204	N	DATE			Update date/time	
	UPDATE USERID	1314	N	VARCHAR2	30		Updated by	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT SURVEY	SURVEY ID	5	N	NUMBER	10		Primary unique numeric identifier for an Invasive Plant Survey.	
	PAPER FILE ID	40	Y	VARCHAR2	20		The file identification number used to reference the corresponding paperwork for this record.	
	ESTIMATED AREA	90	N	NUMBER	15	4	Estimated area (hectares) covered by the invasive alien plant.	In the data, the most number of decimal places is 4 (0.0125). And the largest value is 150284341. Hence my choices for length and decimal places. [Jon Aquino 2004-08-31]
	SURVEY DATE	110	N	DATE			Date on which the presence of this invasive alien plant was recorded.	
	PRECISE SURVEY IND	115	N	VARCHAR2	1		Indicates that the survey data was collected by precise methods specified in program documentation.	
	FOUND IND	120	N	VARCHAR2	1		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.	
	COMMENTS	1000	Y	VARCHAR2	2000		A free-format, user-entered comment on the invasive alien plant.	
	ENTRY TIMESTAMP	1100	N	DATE			Entered date/time	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec</u>	<u>Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT SURVEY	ENTRY USERID	1200	N	VARCHAR2	30			Entered by	
	UPDATE TIMESTAMP	1300	N	DATE				Updated date/time	
	UPDATE USERID	1310	N	VARCHAR2	30			Updated by	
	REVISION COUNT	1400	N	NUMBER	10	0		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.	
INVASIVE PLANT SURVEYOR	ENTRY TIMESTAMP	1000	N	DATE				Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30			Entered by	
	UPDATE TIMESTAMP	1200	N	DATE				Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30			Updated by	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
INVASIVE PLANT TREATMENT	TREATMENT ID	10	N	NUMBER	10		Primary unique numeric identifier for an invasive plant control.	
	PAPER FILE ID	17	Y	VARCHAR2	20		The file identification number used to reference the corresponding paperwork for this record.	
	TREATMENT DATE	30	N	DATE			Date on which the control was applied.	
	COMMENTS	480	Y	VARCHAR2	2000		A free-format, user-entered comment on the control.	
	ENTRY TIMESTAMP	1000	N	DATE			Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30		Entered by	
	UPDATE TIMESTAMP	1200	N	DATE			Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30		Updated by	
	REVISION COUNT	1400	N	NUMBER	10	0	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.	
JURISDICTION CODE	JURISDICTION CODE	10	N	VARCHAR2	4		Unique code identifying the jurisdiction.	
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
MECHANICAL METHOD CODE	MECHANICAL METHOD CODE	10	N	VARCHAR2	3		Unique code identifying the mechanical control method.	
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	
MECHANICAL TREATMENT : Sub-type of INVASIVE PLANT TREATMENT	MECHANICAL TREATMENT ID	5	N	NUMBER	10		Primary unique numeric identifier for a mechanical control.	
	AREA TREATED	50	N	NUMBER	15	4	Area (hectares) over which the mechanical control was applied.	In the data, the most number of decimal places is 5 (0.00001). And the largest value is 10000. Hence my choices for length and decimal places. [Jon Aquino 2004-08-31]
ORG UNIT	ORG UNIT NO	10	N	NUMBER	10	0	The organizational unit number of the user who added this record or who last updated the information.	
PERSPECTIVE CODE	PERSPECTIVE CODE	10	N	VARCHAR2	1		Unique code identifying the perspective from which the image is represented.	
	DESCRIPTION	15	N	VARCHAR2	120		Description of the code.	
	EFFECTIVE DATE	20	N	DATE			Effective date/time	
	EXPIRY DATE	25	N	DATE			Expiry date/time	
	UPDATE TIMESTAMP	30	N	DATE			Update date/time	

Container : IAPP Version :

<u>Entity Name</u>	<u>Attribute Name</u>	<u>Seq.</u>	<u>Opt.</u>	<u>Format</u>	<u>Length</u>	<u>Dec Pl</u>	<u>Attribute Description</u>	<u>Attribute Notes</u>
PROPOSED IAPP ACTIVITY	PROPOSED ACTIVITY ID	5	N	NUMBER	10		Primary unique numeric identifier for a proposed IAPP activity record.	
	ENTRY TIMESTAMP	1000	N	DATE			Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30		Entered by	
	UPDATE TIMESTAMP	1200	N	DATE			Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30		Updated by	
	REVISION COUNT	1400	N	NUMBER	10	0	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.	
RANGE UNIT	RANGE UNIT ID		N	VARCHAR2	10		Primary unique numeric identifier for a Range Unit.	
TREATMENT APPLICATOR	CERTIFICATE NO	33	Y	VARCHAR2	6		The applicator's certificate or license number that authorizes them to work with herbicides.	
	ENTRY TIMESTAMP	1000	N	DATE			Entered date/time	
	ENTRY USERID	1100	N	VARCHAR2	30		Entered by	
	UPDATE TIMESTAMP	1200	N	DATE			Updated date/time	
	UPDATE USERID	1300	N	VARCHAR2	30		Updated by	

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ENTITIES AND THEIR ATTRIBUTES

End of Report