



Goodbye Graffiti CSV Upload Format

ID	Field Name	Description	Req.	Type	Size	Values
1	Sequence Number	Sequential numbers within the CSV to uniquely identify the record within the file, commencing from one (1)	Y	Number	6	
2	Trusted Partner Reference Number	Unique record identifier from the source system	N	Free Text	20	
3	Graffiti Location Premise Number	Primarily used for Unit/Flat etc	N	Free Text	10	C
4	Graffiti Location Road Number	It is recommended that if the Graffiti Location Road Number is not available, then the Nearest Corner Street (ID 11) is provided.	N	Free Text	10	341
5	Graffiti Location Road Name	Road Name	Y	Free Text	45	
6	Graffiti Location Road Type	Road Type as per the Public Sector Commission's Address Management Policy https://www.landgate.wa.gov.au/avs/addressSearch.do	Y	From Predefined List	4	
7	Graffiti Location Road Suffix		N	Free Text	2	
8	Graffiti Location Suburb	Must be a valid suburb in our database (this constantly changes). If the suburb you are trying to upload is not accepted, please contact the Graffiti Team.	Y	Free Text	46	
9	Graffiti Location State	Default to 'WA'	Y	Free Text	3	WA
10	Graffiti Location Postcode		Y	Number	4	
11	Latitude		N	Decimal	12,6	-31.123456
12	Longitude		N	Decimal	12,6	115.123456
13	Polygon_Number		N	Number	9	789456123
14	Graffiti Location Nearest Corner Street		N	Free Text	60	
15	Damaged Item Type		Y	From Predefined List	60	
16	Damaged Item Description		N	Free Text	100	
17	Damaged Item Value	This should purely be the value with no currency indicator (\$) supplied	N	Monetary	12	No '\$' sign Eg 150.00
18	Damaged Item Asset Identification Number		N	Free Text	50	
19	Damaged Item Damage Description		N	Free Text	100	
20	Damaged Item Is Recurring Damage		N	Y, N or U	1	Y = Yes N = No U = Unknown
21	Graffiti Details Tag		N	Free Text	50	
22	Graffiti Details Item Used to make Graffiti		Y	From Predefined List	30	

23	Graffiti Details Is graffiti racist		Y	Y or N	1	
24	Graffiti Details Date Identified		N	Date	10	dd/mm/yyyy
25	Graffiti Details Time Identified		N	Time	5	hh:mm 24 hour
26	Is Incomplete	Optional. If set to 'Y', an automatic notification will be sent to the asset owner	N	Y or N	1	Y = Yes N = No

Goodbye Graffiti CSV Upload Format Example

The format of the CSV file will be comma delimited

Example with all fields (excluding the optional Is Incomplete field):

1,WP111,10,50,Patterson,DR,W,Middle Swan,WA,6056,-31.123456,115.123456,123456789,Tour PI, Bus Stop (Orange Post and Timetable Stands only), Building Doors,150,TP10093,Graffiti going vertically along post,N,PENS,Marker/Pen,N,13/09/2010,09:22

Example with only mandatory fields (excluding the optional Is Incomplete field):

1,,,50,Patterson,DR,,Middle Swan,WA,6056,,,,,Bus Stop (Orange Post and Timetable Stands only),,,,,, Paint,N,,

Example with all fields (including the optional Is Incomplete field):

1,WP111,10,50,Patterson,DR,W,Middle Swan,WA,6056,-31.123456,115.123456,123456789,Tour PI, Bus Stop (Orange Post and Timetable Stands only), Building Doors,150,TP10093,Graffiti going vertically along post,N,PENS,Marker/Pen,N,13/09/2010,09:22,Y

Note: As the CSV file format field delimiter is a comma (,) it is recommended that any fields likely to contain a comma as part of the value are encapsulated using quotation marks (“ ”) OR that the comma in the value is removed during the extraction routine.

Example with a field value containing commas encapsulated with quotation marks:

1,WP111,10,50,Patterson,DR,W,Middle Swan,WA,6056,,,,,Tour PI, Bus Stop (Orange Post and Timetable Stands only), Building Doors,150,TP10093, “Graffiti, is large, and going vertically along post”,N,"PENS, PENSER",Marker/Pen,N,13/09/2010,09:22

Goodbye Graffiti XML Upload Format

XML Schema (XSD)

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema" > <xs:element
  name="BulkGraffitiIncidentReport" nillable="true" type="BulkGraffitiIncidentReport"
/>
  <xs:complexType name="BulkGraffitiIncidentReport">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="IncidentReports"
type="ArrayOfGraffitiIncidentReport" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ArrayOfGraffitiIncidentReport">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="GraffitiIncidentReport"
nillable="true" type="GraffitiIncidentReport" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="GraffitiIncidentReport">
    <xs:sequence>
      <xs:element minOccurs="1" maxOccurs="1" name="SequenceNumber" >
        <xs:simpleType >
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="999999" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" maxOccurs="1" name="ReferenceNumber" >
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="20" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" maxOccurs="1" name="PremiseNumber" >
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="6" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" maxOccurs="1" name="RoadNumber" >
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="6" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" maxOccurs="1"
name="RoadName"> <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="45" />
        </xs:restriction>
      </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" maxOccurs="1"
name="RoadType"> <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="4" />
        </xs:restriction>
      </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" maxOccurs="1" name="RoadSuffix">
        <xs:simpleType>
```

```

    <xs:restriction base="xs:string"> <xs:maxLength value="2" />
  </xs:restriction> </xs:simpleType>
</xs:element>
<xs:element minOccurs="1" maxOccurs="1" name="Suburb"> <xs:simpleType>
  <xs:restriction base="xs:string"> <xs:maxLength value="46" />
  </xs:restriction> </xs:simpleType>
</xs:element>
<xs:element minOccurs="1" maxOccurs="1" name="State"> <xs:simpleType>
  <xs:restriction base="xs:string"> <xs:maxLength value="3" />
  </xs:restriction> </xs:simpleType>
</xs:element>
<xs:element minOccurs="1" maxOccurs="1" name="Postcode" > <xs:simpleType >
  <xs:restriction base="xs:short"> <xs:minInclusive value="0"/>
  <xs:maxInclusive value="9999" />
  </xs:restriction> </xs:simpleType>
</xs:element>

<xs:element minOccurs="0" maxOccurs="1" name="Latitude">
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="12" />
      <xs:fractionDigits value="6" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>

<xs:element minOccurs="0" maxOccurs="1" name="Longitude">
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="12" />
      <xs:fractionDigits value="6" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>

<xs:element minOccurs="0" maxOccurs="1" name="Polygon_Number">
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="1" />
      <xs:maxInclusive value="999999999" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>

<xs:element minOccurs="0" maxOccurs="1" name="NearestCornerStreet"> <xs:simpleType>
  <xs:restriction base="xs:string"> <xs:maxLength value="60" />
  </xs:restriction> </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="1" name="DamagedItem" > <xs:simpleType>
  <xs:restriction base="xs:string"> <xs:maxLength value="60" />
  </xs:restriction> </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="1" name="DamagedItemDescription" > <xs:simpleType>
  <xs:restriction base="xs:string"> <xs:maxLength value="100"
  />
  </xs:restriction> </xs:simpleType>
</xs:element>
<xs:element minOccurs="1" maxOccurs="1" name="DamagedItemValue" > <xs:simpleType>
  <xs:restriction base="xs:decimal"> <xs:totalDigits value="12"
  /> <xs:fractionDigits value="2" />
  </xs:restriction> </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="1" name="AssetIdentificationNumber"> <xs:simpleType>
  <xs:restriction base="xs:string"> <xs:maxLength value="50" />
  </xs:restriction> </xs:simpleType>
</xs:element>

```

```

<xs:element minOccurs="0" maxOccurs="1" name="DamageDescription"> <xs:simpleType>
  <xs:restriction base="xs:string"> <xs:maxLength value="100"
  />
</xs:restriction>

  </xs:simpleType>
</xs:element>
<xs:element minOccurs="1" maxOccurs="1" name="IsRecurringDamage"
  > <xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:pattern value="(Y|N|U)" />
  </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="1" name="Tag"
  > <xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="50" />
  </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="1"
  name="ItemUsed"> <xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="30" />
  </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="1" maxOccurs="1" name="IsGraffitiRacistOrOffence">
  <xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:pattern value="(Y|N)" />
  </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="1" maxOccurs="1" name="DateIdentified" type="xs:dateTime"
/> <xs:element minOccurs="0" maxOccurs="1" name="IsIncomplete">
  <xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:pattern value="(Y|N)" />
  </xs:restriction>
  </xs:simpleType>
</xs:element>
  <xs:element minOccurs="0" maxOccurs="1" name="Images" type="ArrayOfGraffitiIncidentImage" />
</xs:sequence>
</xs:complexType>
<xs:complexType name="ArrayOfGraffitiIncidentImage">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="8" name="GraffitiIncidentImage"
nillable="true" type="GraffitiIncidentImage" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="GraffitiIncidentImage">
  <xs:sequence>
    <xs:element minOccurs="1" maxOccurs="1" name="Filename"
  > <xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="64" />
  </xs:restriction>
  </xs:simpleType>
</xs:element>
    <xs:element minOccurs="0" maxOccurs="1" name="FileType"
  > <xs:simpleType>
  <xs:restriction base="xs:string"> <xs:pattern
  value="(gif|jpg|jpeg|png)" />
  </xs:restriction>
  </xs:simpleType>
</xs:element>
    <xs:element minOccurs="1" maxOccurs="1" name="ImageData" >
    <xs:annotation>

```

```
<xs:documentation>Max image file size of 512KB binary data</xs:documentation>  
</xs:annotation>  
<xs:simpleType>
```

```

        <xs:restriction base="xs:base64Binary">
            <xs:maxLength value="524288" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<!-- Hand crafted -->

<xs:element name="GraffitiIncidentReport" nillable="true" type="GraffitiIncidentReport" />
<xs:element name="GraffitiIncidentImage" nillable="true" type="GraffitiIncidentImage" />
</xs:schema>

```

Goodbye Graffiti XML Upload Format Example

The format of the XML file is given by the schema above. All field sizes and validation rules are applied in the same manner as the CSV upload format.

Example with all fields:

```

<?xml version="1.0"?>
<BulkGraffitiIncidentReport xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <IncidentReports>
        <GraffitiIncidentReport>
            <SequenceNumber>1</SequenceNumber>
            <ReferenceNumber>WP111</ReferenceNumber>
            <PremiseNumber>10</PremiseNumber>
            <RoadNumber>50</RoadNumber>
            <RoadName>Patterson</RoadName>
            <RoadType>DR</RoadType>
            <RoadSuffix>W</RoadSuffix>
            <Suburb>Middle Swan</Suburb>
            <State>WA</State>
            <Postcode>6056</Postcode>
            <Latitude>-31.123456</Latitude>
            <Longitude>112.123456</Longitude>
            <Polygon_Number>123456789</Polygon_Number>

            <NearestCornerStreet>Tour Pl</NearestCornerStreet>
            <DamagedItem>Bus Stop (Orange Post and Timetable Stands
only)</DamagedItem>

            <DamagedItemDescription>Building Doors</DamagedItemDescription>
            <DamagedItemValue>150</DamagedItemValue>
            <AssetIdentificationNumber>TP10093</AssetIdentificationNumber>
            <DamageDescription>Graffiti going vertically along
post</DamageDescription>
            <IsRecurringDamage>N</IsRecurringDamage>
            <Tag>PENS, PENSER</Tag>
            <ItemUsed>Marker/Pen</ItemUsed>
            <IsGraffitiRacistOrOffence>N</IsGraffitiRacistOrOffence>
            <DateIdentified>2011-04-20T14:59:48.96525+08:00</DateIdentified>
            <IsIncomplete>Y</IsIncomplete>
            <Images>
                <GraffitiIncidentImage>
                    <Filename>img042.jpg</Filename>
                    <FileType>jpg</FileType>
                    <ImageData>
                        /9j/4AAQSk...<!-- Rest of data omitted for
illustration --></ImageData> </GraffitiIncidentImage>
                    <GraffitiIncidentImage>
                        <Filename>img44.jpg</Filename>
                        <FileType>jpg</FileType> <ImageData>/9j/4AAQ...<!--
- Rest of data omitted for
illustration --></ImageData> </GraffitiIncidentImage>

```

</Images>
</GraffitiIncidentReport>

```
</IncidentReports>
</BulkGraffitiIncidentReport>
```

Example with only mandatory fields:

```
<?xml version="1.0"?>
<BulkGraffitiIncidentReport xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <IncidentReports>
    <GraffitiIncidentReport>
      <SequenceNumber>1</SequenceNumber>
      <ReferenceNumber></ReferenceNumber>
      <PremiseNumber></PremiseNumber>
      <RoadNumber>50</RoadNumber>
      <RoadName>Patterson</RoadName>
      <RoadType>DR</RoadType>
      <RoadSuffix></RoadSuffix>
      <Suburb>Middle Swan</Suburb>
      <State>WA</State>
      <Postcode>6056</Postcode>
      <NearestCornerStreet></NearestCornerStreet>
      <DamagedItem>Bus Stop (Orange Post and Timetable Stands
only)</DamagedItem>
      <DamagedItemDescription></DamagedItemDescription>
      <DamagedItemValue></DamagedItemValue>
      <AssetIdentificationNumber></AssetIdentificationNumber>
      <DamageDescription></DamageDescription>
      <IsRecurringDamage></IsRecurringDamage>
      <Tag></Tag>
      <ItemUsed>Marker/Pen</ItemUsed>
      <IsGraffitiRacistOrOffence>N</IsGraffitiRacistOrOffence>
      <DateIdentified></DateIdentified>
    </GraffitiIncidentReport>
  </IncidentReports>
</BulkGraffitiIncidentReport>
```

Goodbye Graffiti Response Format

ID	Field Name	Description	Req.	Type	Size	Values
1	Sequence Number	Sequential numbers from the Upload File provided	Y	Number	6	
2	Trusted Partner Reference Number	Unique record identifier from the source system	N	Free Text	20	
3	Graffiti Incident Report Identifier	Unique record identifier from the Goodbye Graffiti System	Y	Number	15	

Goodbye Graffiti Response Format

The format of the CSV file will be comma delimited

Example with all fields:

1,1143,201012160000123

Reference Data

“Damaged Item Type”

Australia Post Letter Box
Bridge or Overpass
Bus Stop Post or Timetable
Bus/Bus Station
Bus Stop (Adshel Illuminated Shelter)
Bus Stop Seat/Shelter
Community hall
Footpath/Curb
Wall or Fence (Private Residence/Business)
Road Guard Rail
Library
Wall along Freeway/Highway
Other
Park
Play Equipment
Private Property (residential/business)
Public Toilet Block
Road Signage
School Buildings (State Government only)
Telstra Exchange Building
Telstra Metal Cabinet
Traffic controller box
Traffic Lights
Train Station
Wall or Fence (Along Public Access Ways)
Water Corporation pipeline
Water Corporation Pumping Station
Water Corporation Water tank
Street Light
Western Power Metal Cabinet
Electricity Pole
Public Bin
Train Timetables
Underpass
NBN pillar
NBN Cabinet/Node

“Graffiti Details Item used to make Graffiti”

Marker/Pen
 Paint
 Scratch
 Other

“Graffiti Location Road Type”

Access	ACCS	Key	KEY	(n/a)	n/a
Alley	ALLY	Lane	L		
Approach	APP	Lane	LANE		
Arcade	ARC	Line	LINE		
Avenue	AV	Link	LINK		
Banan	BA	Lookout	LKT		
Bend	BEND	Loop	LOOP		
Boulevard	BVD	Mall	MALL		
Brace	BR	Meander	MNDR		
Brae	BRAE	Mews	MEWS		
Break	BRK	Nook	NOOK		
Brow	BROW	Outlook	OTLK		
Bypass	BYPA	Parade	PDE		
Centre	CTR	Parkway	PWY		
Chase	CH	Pass	PASS		
Circle	CIR	Path	PATH		
Circuit	CCT	Pathway	PWAY		
Circus	CRCS	Place	PL		
Close	CL	Plaza	PLZA		
Concourse	CON	Pocket	PKT		
Copse	CPS	Point	PNT		
Corner	CNR	Port	PORT		
Court	CT	Promenade	PROM		
Courtyard	CTYD	Quadrant	QDRT		
Cove	COVE	Quays	QYS		
Crescent	CR	Ramble	RMBL		
Crest	CRST	Rest	REST		
Cross	CRSS	Retreat	RTT		
Crossing	CRSG	Ridge	RDGE		
Dale	DALE	Rise	RISE		
Drive	DR	Road	RD		
Edge	EDGE	Rotary	RTY		
Elbow	ELB	Route	RTE		
End	END	Row	ROW		
Entrance	ENT	Shunt	SHUN		
Esplanade	ESP	Spur	SPUR		
Fairway	FAWY	Square	SQ		
Follow	FOLW	Street	ST		
Formation	FORM	Tarn	TARN		
Freeway	FWY	Terrace	TCE		
Frontage	FRTG	Top	TOP		
Gap	GAP	Tor	TOR		
Gardens	GDNS	Track	TRK		
Gate	GTE	Trail	TRL		
Glade	GLD	Turn	TURN		
Glade	GLDE	Underpass	UPAS		
Glen	GLEN	Vale	VALE		
Grange	GRA	View	VIEW		
Green	GRN	Vista	VSTA		
Grove	GR	Walk	WK		
Gully	GLY	Walk	WALK		
Heights	HTS	Walkway	WKWY		
Highway	HWY	Way	WY		
Hill	HILL	Way	WAY		

Interchange
Junction

INTG
JNC

Wharf
Wynd

WHRF
WYND