

USDA Forest Service e-Gov Program



**Recreation Information Database
(RIDB)**

Web Service Manual

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1 - INTRODUCTION

The Recreation Information Database (RIDB) is a warehouse of information about Federal recreation sites with the ability to export the data to state tourism portals, recreation-related businesses, etc. It is also the “back end” of the Recreation.gov portal and is anticipated to be the authoritative source for public recreation data for the National Recreation Reservation Service (NRRS).

The information stored in RIDB includes inventory data associated with Federal Recreation Areas, Facilities, Events, and Activities. The database also stores information about the authorized Data Stewards who have the authority to effect modifications to the inventory.

This document describes the process to extract data from the Recreation Information Database (RIDB) using the menu driven process. This is also a technical document which describes how to message and interface with the Recreation Information Database (RIDB) Web Services running in the Production environment. This document assumes that the reader is familiar with web services and understands terminology such as HTTP, GET, POST, WSDL, UDDI, SOAP, etc.

The RIDB Web Services are "classic" web services because they are:

- Self-describing via their own WSDL documents
- Communicate with clients via SOAP over HTTP/HTTPS

1.0 Retrieving RIDB Data via Menu

Data from the Recreation Information Database (RIDB) can be retrieved using the menu driven process accessed at:

<http://RecData.gov/RIDBWeb/index.jsp>

It is not necessary to login to the RIDB to retrieve data.

Select from the RIDB Welcome Page:

Go to RIDB Data Sharing

Using the pull down menus, make appropriate selections to extract data records from the RIDB. There are options to retrieve all data contained in the RIDB, data for an entire agency, or data for a specific organization within an agency. The resulting links will allow the selection of:

1. All data elements in the RIDB based on the retrieval criteria selected
2. Recreation Area data elements based on the retrieval criteria selected
3. Facility data elements based on the retrieval criteria selected

Output will be provided in XML format.

1.1 Retrieving the WSDL

Web services publish their own API in an XML format called Web Service Definition Language (WSDL). Currently there is no Universal Description, Discovery and Integration (UDDI) directory that contains the RIDB WSDL documents. The WSDL must be retrieved directly from each of the web services, as shown below. (As of this writing, the production domain or IP are undetermined):

```
http://recdata.gov/RIDBWebService/RIDBService.jws?WSDL=
```

```
http://recdata.gov/RIDBWebService/RIDBServiceInsert.jws?WSDL=
```

```
http://recdata.gov/RIDBWebService/RIDBServiceUpdate.jws?WSDL=
```

```
http://recdata.gov/RIDBWebService/RIDBServiceDelete.jws?WSDL=
```

1.2 RIDBService Methods

Some RIDB web service methods fetch data via an HTTP GET request. These methods are all provided by the RIDBService web service. Some of those methods accept parameters, which are passed in the URL as part of a GET request.

As shown in the WSDL, the method calls and their respective URLs for the RIDBService methods are listed here. For cases in which the method accepts parameters, sample parameters are included. Note that the WSDL, and not this document, is the final word on the precise format of these method signatures.

The following method returns RIDB data in the REC.xsd, or Rec.gov, schema format. Note that Rec.Gov Facilities map to both RIDB RecAreas and RIDB Facilities.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getRecGovFacilities
```

The following method returns all RIDB Elements that are supported for RIDB Release 1.0. This method uses the RecML schema format. **Note:** File size can be large, typically greater than 10 MB.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllElements
```

The following method returns RIDB elements that relate to the input Organization and all sub-Organizations, that is, for a given OrgID (and its sub-orgs), all elements related to those Organizations are returned.

```
http://reodata.gov/RIDBWebService/RIDBService.jws/getAllRecElementsForOrgID?anOrgID=157
```

The following method returns facility-related RIDB elements, by Organization and all sub-Organizations, that is, for a given OrgID (and its sub-orgs), all facilities and elements related to those facilities are returned.

```
http://reodata.gov/RIDBWebService/RIDBService.jws/getAllFacilityElementsForOrgID?anOrgID=157
```

The following method returns RecArea-related RIDB elements, by Organization and all sub-Organizations. That is, for a given OrgID (and its sub-orgs), all RecAreas and elements related to those RecAreas are returned.

```
http://reodata.gov/RIDBWebService/RIDBService.jws/getAllRecAreaElementsForOrgID?anOrgID=157
```

Note: Unless otherwise indicated, all of the following methods use the RecML schema format.

The following method returns all RIDB RecAreas.

```
http://reodata.gov/RIDBWebService/RIDBService.jws/getAllRecAreas
```

The following method returns all RIDB RecAreas that relate to the single Organization specified by the input OrgID.

```
http://reodata.gov/RIDBWebService/RIDBService.jws/getAllRecAreasForOrgID?anOrgID=157
```

The following method returns all RIDB Facilities.

```
http://reodata.gov/RIDBWebService/RIDBService.jws/getAllFacilities
```

The following method returns all RIDB Organizations.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllOrganizations
```

The following method returns all RIDB Events.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllEvents
```

The following method returns all RIDB Activities.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllActivities
```

The following method returns all RIDB RecArea Advisories.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllRecAreaAdvisories
```

The following method returns all RIDB FacilityAddresses.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllFacilityAddresses
```

The following method returns all RIDB RecAreaAddresses.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllRecAreaAddresses
```

The following method returns all RIDB FacilityActivities.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllFacilityActivities
```

The following method returns all RIDB FacilityEvents.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllFacilityEvents
```

The following method returns all RIDB RecAreaActivities.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllRecAreaActivities
```

The following method returns all RIDB RecAreaEvents.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllRecAreaEvents
```

The following method returns all RIDB RecAreaFacilities.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllRecAreaFacilities
```

The following method returns all RIDB OrgFacilities.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllOrgFacilities
```

The following method returns all RIDB OrgRecAreas.

```
http://recdata.gov/RIDBWebService/RIDBService.jws/getAllOrgRecAreas
```

1.3 Handling Inserts, Updates, and Deletes

The remaining web service methods handle inserts, updates, and deletes. They include calls to:

- RIDBServiceInsert web service
- RIDBServiceUpdate web service
- RIDBServiceDelete web service

Each call requires a POST request. The POST message payload must contain an XML document that conforms to the RecML.xsd schema. Part of that schema includes a username and password, which must match the username/password of an existing RIDB Data Steward.

1.4 Validation Rules

All input data is validated according to the same business rules that apply within the RIDB Data Management application. See *Appendix B - RIDB Data Entry and Validation Rules* for a detailed listing.

1.5 Secure Application URL Strings (HTTPS)

Note that since this application includes username and password information, the user should use "https" and not "http" in the URL when requesting insert/update/delete methods. This encrypts the request.

1.6 WSDL Document URLs

```
http://recdata.gov/RIDBWebService/RIDBServiceInsert.jws?WSDL=
```

```
http://recdata.gov/RIDBWebService/RIDBServiceUpdate.jws?WSDL=
```

```
http://recdata.gov/RIDBWebService/RIDBServiceDelete.jws?WSDL=
```

1.7 URLs for Requesting Data Changes

Here are the URLs and business rules for requesting data changes. These requests require a POST, in SOAP format, with the aforementioned XML payload in RecML.xsd format.

1.7.1 URL for INSERTs

```
https://recdata.gov/RIDBWebService/RIDBServiceInsert.jws/insertRecElements
```

Business rules for INSERTs

Every RIDB 1.0 table is available for insert. Every foreign key in the RecML.xsd input, however, must ALREADY be in RIDB. Therefore it is impossible, for example, in a single request, to add a new Event and add a new FacilityEvent that relates to that new Event. This new Event did not have already existed in RIDB. The process would entail first inserting core elements (that is, every table other than many-to-many join tables) into RIDB, and then in a second request inserting into join tables to relate the new elements.

1.7.2 URL for UPDATEs

```
https://recdata.gov/RIDBWebService/RIDBServiceUpdate.jws/updateMainRecElements
```

Business rules for UPDATEs

Core RIDB 1.0 tables (that is, every table other than many-to-many join tables) are available for update. Join tables are not available for update via a single call. To update a join record, first delete it and then in a second call insert a new join record with the desired changes.

1.7.3 URL for DELETES

<https://recdata.gov/RIDBWebService/RIDBServiceDelete.jws/deleteJoinRecElements>

Business rules for DELETES

Core RIDB 1.0 tables (that is, every table other than many-to-many join tables) are NOT available for delete via the web service. Only Join tables are available for delete. To delete a core record, use the data management application. It is considered too risky to open up RIDB for mass data deletion in a single call for core entities.

APPENDIX A - Sample XSD document

A sample RecML.xsd document is provided here with dummy values in all the fields. The user should not pass elements for which no insert/update/delete action is requested:

```
<RecElements xmlns="http://www.recreation.gov/architecture/"
xmlns:fips="http://www.doi.gov/xml/importedSchemas/fips_10-4"
xmlns:fips1="http://www.doi.gov/xml/importedSchemas/fips_5-2">
  <Username>string</Username>
  <Password>string</Password>
  <!--1 or more repetitions:-->
  <Event>
    <EventID>100</EventID>
    <EventDataStewardID>100</EventDataStewardID>
    <EventName>string</EventName>
    <EventDescription>string</EventDescription>
    <EventStartDate>string</EventStartDate>
    <EventEndDate>string</EventEndDate>
    <EventStartTime>string</EventStartTime>
    <EventEndTime>string</EventEndTime>
    <EventAgeGroup>string</EventAgeGroup>
    <EventURLAddress>string</EventURLAddress>
    <EventURLText>string</EventURLText>
    <EventEmail>string</EventEmail>
    <EventRegistrationRequired>>false</EventRegistrationRequired>
    <EventADAAccess>string</EventADAAccess>
    <EventFeeDescription>string</EventFeeDescription>
    <EventComments>string</EventComments>
    <EventFrequencyRateDescription>string</EventFrequencyRateDescription>
    <EventScopeDescription>string</EventScopeDescription>
    <EventTypeDescription>string</EventTypeDescription>
    <SponsorName>string</SponsorName>
    <SponsorEmail>string</SponsorEmail>
    <SponsorURLAddress>string</SponsorURLAddress>
    <SponsorURLText>string</SponsorURLText>
    <SponsorPhone>string</SponsorPhone>
    <SponsorClassType>Individual</SponsorClassType>
  </Event>
  <!--1 or more repetitions:-->
  <Facility>
    <FacilityID>100</FacilityID>
    <OrgFacilityID>100</OrgFacilityID>
    <FacilityDataStewardID>100</FacilityDataStewardID>
    <FacilityName>string</FacilityName>
```

```

<FacilityTypeDescription>string</FacilityTypeDescription>
<FacilityURLText>string</FacilityURLText>
<FacilityURLAddress>string</FacilityURLAddress>
<FacilityPhone>string</FacilityPhone>
<FacilityDescription>string</FacilityDescription>
<FacilityDirections>string</FacilityDirections>
<FacilityEmail>string</FacilityEmail>
<FacilityMapUrl>string</FacilityMapUrl>
<FacilityImageUrl>string</FacilityImageUrl>
<FacilityImageCaption>string</FacilityImageCaption>
<FacilityReservationUrl>string</FacilityReservationUrl>
<FacilityLatitude>1.051732E7</FacilityLatitude>
<FacilityLongitude>1.051732E7</FacilityLongitude>
<FacilityAdaAccess>string</FacilityAdaAccess>
<FacilityReservable>true</FacilityReservable>
<FacilityUseFeeDescription>string</FacilityUseFeeDescription>
</Facility>
<!--1 or more repetitions:-->
<FacilityActivity>
  <FacilityID>100</FacilityID>
  <RecActivityID>100</RecActivityID>
  <FacilityActivityDescription>string</FacilityActivityDescription>
  <FacilityActivityFeeDescription>string</FacilityActivityFeeDescription>
</FacilityActivity>
<!--1 or more repetitions:-->
<FacilityAddress>
  <AddressID>100</AddressID>
  <StreetAddress1>string</StreetAddress1>
  <StreetAddress2>string</StreetAddress2>
  <StreetAddress3>string</StreetAddress3>
  <City>string</City>
  <AddressStateCode>
    <!--You have a CHOICE of the next 2 items at this level-->
    <fips:InternationalStateCodeTypeElement>UP20</fips:InternationalStateCodeTypeElement>
    <fips1:USStateCodeTypeElement>HI</fips1:USStateCodeTypeElement>
  </AddressStateCode>
  <PostalCode>string</PostalCode>
  <AddressCountryCode>19073</AddressCountryCode>
  <FacilityID>100</FacilityID>
  <FacilityAddressType>string</FacilityAddressType>
  <FacilityAddressID>string</FacilityAddressID>
</FacilityAddress>

```

```

<!--1 or more repetitions:-->
<FacilityEvent>
  <EventID>100</EventID>
  <FacilityID>100</FacilityID>
</FacilityEvent>
<!--1 or more repetitions:-->
<Organization>
  <OrgID>100</OrgID>
  <ParentOrgID>100</ParentOrgID>
  <OrgName>string</OrgName>
  <OrgAbbrevName>string</OrgAbbrevName>
  <OrgURLAddress>string</OrgURLAddress>
  <OrgURLText>string</OrgURLText>
  <OrgImageURL>string</OrgImageURL>
  <OrgType>string</OrgType>
  <OrgJurisdictionType>string</OrgJurisdictionType>
  <OrgContactInfoDescription>string</OrgContactInfoDescription>
</Organization>
<!--1 or more repetitions:-->
<OrgFacilityRole>
  <OrgID>100</OrgID>
  <FacilityID>100</FacilityID>
  <OrgFacilityRoleReason>string</OrgFacilityRoleReason>
</OrgFacilityRole>
<!--1 or more repetitions:-->
<OrgRecAreaRole>
  <OrgID>100</OrgID>
  <RecAreaID>100</RecAreaID>
  <OrgRecAreaRoleReason>string</OrgRecAreaRoleReason>
</OrgRecAreaRole>
<!--1 or more repetitions:-->
<RecArea>
  <RecAreaID>100</RecAreaID>
  <OrgRecAreaID>100</OrgRecAreaID>
  <RecAreaDataStewardID>100</RecAreaDataStewardID>
  <RecAreaName>string</RecAreaName>
  <RecAreaURLAddress>string</RecAreaURLAddress>
  <RecAreaURLText>string</RecAreaURLText>
  <RecAreaDirections>string</RecAreaDirections>
  <RecAreaDescription>string</RecAreaDescription>
  <RecAreaFeeDescription>string</RecAreaFeeDescription>
  <RecAreaMapUrl>string</RecAreaMapUrl>
  <RecAreaImageUrl>string</RecAreaImageUrl>

```

```

    <RecAreaImageCaption>string</RecAreaImageCaption>
    <RecAreaReservationUrl>string</RecAreaReservationUrl>
    <RecAreaPhone>string</RecAreaPhone>
    <RecAreaEmail>string</RecAreaEmail>
</RecArea>
<!--1 or more repetitions:-->
<RecAreaActivity>
    <RecAreaID>100</RecAreaID>
    <RecActivityID>100</RecActivityID>
    <RecAreaActivityDescription>string</RecAreaActivityDescription>
    <RecAreaActivityFeeDescription>string</RecAreaActivityFeeDescription>
</RecAreaActivity>
<!--1 or more repetitions:-->
<RecAreaAddress>
    <AddressID>100</AddressID>
    <StreetAddress1>string</StreetAddress1>
    <StreetAddress2>string</StreetAddress2>
    <StreetAddress3>string</StreetAddress3>
    <City>string</City>
    <AddressStateCode>
        <!--You have a CHOICE of the next 2 items at this level-->
</RecAreaAddress>
<fips:InternationalStateCodeTypeElement>SZ11</fips:InternationalStateCodeTypeElement>
    <fips1:USStateCodeTypeElement>RI</fips1:USStateCodeTypeElement>
</AddressStateCode>
    <PostalCode>string</PostalCode>
    <AddressCountryCode>41013</AddressCountryCode>
    <RecAreaID>100</RecAreaID>
    <RecAreaAddressType>Physical Address</RecAreaAddressType>
    <RecAreaAddressID>string</RecAreaAddressID>
</RecAreaAddress>
<!--1 or more repetitions:-->
<RecAreaAdvisory>
    <RecAreaAdvisoryID>100</RecAreaAdvisoryID>
    <RecAreaID>100</RecAreaID>
    <AdvisoryDataStewardID>anyType</AdvisoryDataStewardID>
    <AdvisoryType>string</AdvisoryType>
    <AdvisoryStartDate>string</AdvisoryStartDate>
    <AdvisoryAnticipatedEndDate>string</AdvisoryAnticipatedEndDate>
    <AdvisoryName>string</AdvisoryName>
    <AdvisoryDescription>string</AdvisoryDescription>
    <AdvisoryURLAddress>string</AdvisoryURLAddress>
    <AdvisoryURLText>string</AdvisoryURLText>

```

```

    <AdvisoryRestrictions>string</AdvisoryRestrictions>
</RecAreaAdvisory>
<!--1 or more repetitions:-->
<RecAreaCovers>
    <CountyOrEqual>
        <!--You have a CHOICE of the next 2 items at this level-->
        <AddressCountyName>string</AddressCountyName>
        <AddressCountyEquivalent>string</AddressCountyEquivalent>
    </CountyOrEqual>
    <StateOrRegion>
        <!--You have a CHOICE of the next 2 items at this level-->
        <AddressStateName>string</AddressStateName>
        <AddressRegionName>anyType</AddressRegionName>
    </StateOrRegion>
    <AddressCountryCode>13243</AddressCountryCode>
    <RecAreaCoversID>100</RecAreaCoversID>
    <RecAreaID>100</RecAreaID>
</RecAreaCovers>
<!--1 or more repetitions:-->
<RecAreaEvent>
    <RecAreaID>100</RecAreaID>
    <EventID>100</EventID>
</RecAreaEvent>
<!--1 or more repetitions:-->
<RecAreaFacility>
    <RecAreaID>100</RecAreaID>
    <FacilityID>100</FacilityID>
</RecAreaFacility>
<!--1 or more repetitions:-->
<RecreationalActivity>
    <RecActivityID>100</RecActivityID>
    <RecActivityName>string</RecActivityName>
    <RecActivityLevel>100</RecActivityLevel>
    <RecActivityParentID>100</RecActivityParentID>
</RecreationalActivity>
<!--1 or more repetitions:-->
<Vendor>
    <VendorID>100</VendorID>
    <VendorDataStewardID>100</VendorDataStewardID>
    <OrgVendorID>string</OrgVendorID>
    <VendorName>string</VendorName>
    <VendorPhone>string</VendorPhone>
    <VendorEmail>string</VendorEmail>

```

```
<VendorURLAddress>string</VendorURLAddress>
<VendorURLText>string</VendorURLText>
<VendorPermitted>true</VendorPermitted>
</Vendor>
<!--1 or more repetitions:-->
<VendorActivity>
  <VendorID>100</VendorID>
  <VendorActivityDataStewardID>100</VendorActivityDataStewardID>
  <RecActivityID>100</RecActivityID>
  <VendorActivityFacilityID>100</VendorActivityFacilityID>
  <VendorActivityRecAreaID>100</VendorActivityRecAreaID>
</VendorActivity>
</RecElements>
```


APPENDIX B - RIDB Data Entry and Validation Rules

This appendix shows general data input rules and specifications that govern input format for specific data fields.

B.1 General Data Entry Rules:

1. **Date Format.** RIDB expects input dates in the format MM/DD/YYYY.
2. **Email Addresses.** Email addresses will be validated to ensure the inclusion of an @ symbol and a period followed by three letters, e.g., *anyone@yahoo.com*
3. **Telephone Numbers.** RIDB will accept any combination of these elements: <digit><char><whitespace>-(<period>. For example, these are all valid: 800-555-1234xABC, 888-JFKSITE, (800)555.1234.
4. **Text Length.** There are reasonability checks to ensure enough characters have been entered. For descriptive information, the length allowed is up to 4000 characters.
5. **Upper/Lower Case.** In general, data input that is verified by RIDB is not case-sensitive. That is, if a user enters all capital letters, all small letters, or a mix of both, the system will recognize the input.
6. **URL Address.** URL addresses need to conform to acceptable URL formats

B.2 RIDB Data Elements and Data Validation Rules

Organization

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Organization Name	Y	Name of the organization	S	Must be greater than or equal to 3 characters but not more than 60 characters
Organization URL Address	Y	Internet address (URL) for web site of the organization responsible for submitting and maintaining the data to be exchanged	S	Format Check; Must not exceed 256 characters
Organization URL Text	Y	Readable text that provides the URL address link	S	Must be greater than or equal to 5 characters but not more than 256 characters

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Organization Abbrev Name	Y	Abbreviated name of the organization	S	Must be greater than or equal to 3 characters but not more than 20 characters

Recreation Area

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Recreation Area Name	Y	Name of a recreational area	S	Must be greater than or equal to 3 characters but not more than 256 characters
Recreation Area Directions	Y	Directions to the recreational area	S	Greater than 10 characters and but not more than 1024 characters
Recreation Area Phone	Y	Phone number for recreation area	S	Support standard masks and extensions(-,),x,X allowed, also accepts alpha as well as numeric; Must not exceed 256 characters
Recreation Area URL Address	N	Internet address (URL) for the web site containing information about the recreational area.	S	Format Check if anything entered; Must not exceed 256 characters
Recreation Area URL Text	N	Display text providing for the URL address link to the recreational area website.	S	Required if there is a Recreation Area URL Address; Must be greater than or equal to 5 characters but not more than 256 characters
Recreation Area Description	Y	Text that describes the recreational area.	S	Must be greater than 10 characters but not more than 4000 characters
Recreation Area Email	Y	Email address of the recreational area.	S	Mandatory, Format Check; Must not exceed 256 characters

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Recreation Area Map URL	N	Internet address (URL) that hosts the recreational area map.	S	Format Check if anything entered; Must not exceed 256 characters
Recreation Area Image URL	N	Internet address (URL) that hosts the sample image or photo of the recreational area.	S	Format Check if anything entered. Allows relative path. Must not exceed 256 characters
Recreation Area Image URL Caption	N	Caption that accompanies the sample image or photo of the recreational area.	S	Required if Recreation Area Image URL. Must be greater than or equal to 5 characters but not more than 256 characters
Recreation Area Reservation URL	N	Internet address (URL) for the web site hosting the reservation system.	S	Format Check if anything entered; Must not exceed 256 characters
Recreation Area Fee Description	N	Text describing monetary charges associated with entrance to or usage of a recreational area.	S	Must not exceed 1024 characters
Date Record Added	N	Date that information was added.	D	This field is not user-editable.
Recreation Area Country Code	Y	Code designating a country.	S	Has dropdown menu; Cannot exceed 5 characters
Recreation Area Street Address 1	Y	Text of the first line of the recreation address.	S	Must be greater than 2 characters, but cannot exceed 256 characters

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Recreation Area Street Address 2	N	Text of the second line of the recreation address.	S	Must be greater than 2 characters, but cannot exceed 256 characters
Recreation Area Street Address 3	N	Text of the third line of the recreation address.	S	Must be greater than 2 characters, but cannot exceed 256 characters
Recreation Area City	Y	Name of the city for the address.	S	Must be greater than 2 characters, but cannot exceed 60 characters

Facility

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Facility Directions	Y	Text that provides general directions and/or the general location of the facility.	S	Must be greater than 10 characters and not more than 1024 characters
Facility Description	Y	Text describing the main features of the facility.	S	Must be greater than 10 characters and not more than 4000 characters
Facility Name	Y	Name of the facility.	S	Must be greater than or equal to 3 characters and not more than 60 characters
Facility ADA Access	Y	Information about the Americans with Disabilities Act accessibility for the facility.	S	Must be greater than or equal to 2 characters and not more than 1024 characters
Facility Street Address 1	Y	Text of the first line of the facility address	S	Must be greater than 2 characters, but cannot exceed 256 characters

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Facility URL Address	N	Internet address (URL) for the web site containing information about the facility.	S	Required if there is a Facility URL Address; Must be greater than or equal to 5 characters but not more than 256 characters
Facility URL Text	N	Display text providing for the URL address link to the recreational area website.	S	Required if there is a Facility URL Address; Must be greater than or equal to 5 characters but not more than 256 characters
Facility Email	Y	Email address of the facility.	S	Mandatory, Format Check; Must not exceed 256 characters

Recreation Area Activities

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Name	Y	Name of activity.	S	Must be unique; Must not exceed 60 characters
Activity Level	Y	Amount of physical exertion to be expected for a given activity such as hiking, swimming, etc.	I	No rule is defined.

Event

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Event Summary Description	Y	Text that provides a synopsis of an event	S	Must be greater than 10 characters and no more than 1024 characters

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Event Type Description	N	Text that describes the types of events	S	Must be no more than 1024 characters
Event Comments	N	Text for the general occasion or activity to be offered	S	Must be no more than 1024 characters
Event Scope Description	N	Text that describes the extent, capacity, and scale of an event.	S	Must be no more than 1024 characters
Event Fee Description	N	Text for the description of fees associated with this event	S	Must be no more than 1024 characters
Event Frequency Rate Description	N	Text that describes how often the event recurs	S	Must be no more than 1024 characters
Event Start Date	Y	Calendar date on which event is scheduled to begin.	D	Format is MM/DD/YYYY. Must be less than end date
Event End Date	Y	Calendar date on which event is scheduled to end.	D	Format is MM/DD/YYYY
Event Registration Required	N	Code requesting a Yes or No response to determine whether registration is required for an event.	I	Checkbox

Recreation Area Advisory

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Advisory Name	Y	Reference name for the Recreation Area Advisory	S	Must not exceed 60 characters
Advisory URL Address	N	Internet address (URL) to a web site providing complete information about the recreation area advisory	S	Must not exceed 256 characters
URL Text	N	Display text providing for the Advisory URL Address link	S	Required if there is an Advisory URL Address; Must not exceed 256 characters
Advisory Start Date	Y	Calendar date on which advisory begins	D	Format is MM/DD/YYYY; Must be less than end date
Advisory End Date	Y	Calendar date on which advisory ends	D	Format is MM/DD/YYYY
Advisory Description	N	Text that describes the detailed nature of the recreation area activity.	S	Must not exceed 1024 characters

Data Steward

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Data Steward Password	N	Password for the Data Steward	S	Must not exceed 20 characters

Data Element	Required	Description	Type S=String I=Integer D=Date	Data Validation Rules
Data Steward Organization	Y	Organization(s) to which the Data Steward belongs	I	Pull down menu
Data Steward Email	Y	Email address of the Data Steward	S	Must not exceed 60 characters
Data Steward Phone	Y	Phone number for the Data Steward	S	Must not exceed 20 characters
Data Steward Name	Y	Name of the Data Steward	S	Must not exceed 60 characters
User Name	Y	Assigned Login ID by which a user is recognized by the system	S	Must not exceed 30 characters