

## Draft Data Elements

The following is a draft list of data elements for states, territories, and tribes to use when developing their databases and electronic data reporting systems. The data elements cover general program information, beach monitoring data fields, swimming advisory fields, and location data which may be submitted to EPA to meet the grant requirements.

### Beaches Program Tracking Draft Data Element List

Table	Description	Type of User Entry
<b>Beach Tracking One-time Submissions</b>		
<b>Beach</b>		
Name	Typical beach name (e.g., Jones beach)	Free-text entry
Description	Beach descriptive information (e.g., relative location, season length)	Free-text entry
Comment Text	Additional descriptive information about a beach	Free-text entry
<b>Organization</b>		
Organization Type	Grouping of organizations (e.g., state agency, local agency, public interest group)	Chosen from List of Possible Data Elements
Organization Role	Grouping of possible organization roles for a beach (e.g., sampling agency, lead beach agency, laboratory)	Chosen from List of Possible Data Elements
Name	Typical organization name or an organization affiliated with a beach (e.g., x state Dept. of Environmental Protection)	Free-text entry
Description	Descriptive information about an organization affiliated with a beach	Free-text entry
Short Name/Abbreviation	Typical abbreviation of an organization's name (e.g., state DEP)	Free-text entry
<b>State Lead Contact</b>		
First Name	The first name of a person affiliated with a beach	Free-text entry
Last Name	The last name of a person affiliated with a beach	Free-text entry
Middle Initial	The middle initial of a person affiliated with a beach	Free-text entry
Suffix	The suffix of a person affiliated with a beach (e.g., MD)	Free-text entry
Title	The title of a person affiliated with a beach (that person's official title in his/her job or organization, not that person's role with respect to the beach)	Free-text entry
Suite/POBox/Street First Line	First line of a street address, suite name, or Post Office (PO) box for an organization or person	Free-text entry
Suite/POBox/Street Second Line	Second line of a street address, suite name, or PO box for an organization or person	Free-text entry
Suite/POBox/Street Third Line	Third line of a street address, suite name, or PO box for an organization or person	Free-text entry
City Name	Name of the city in an address for an organization or person	Free-text entry
State	Two-character representation of the state for an organization or person	Chosen from List of Possible Data Elements
ZIP Code	The ZIP Code for an organization or person	Free-text entry
Nonelectronic Address Type	Grouping of addresses used to indicate what type of nonelectronic address an organization or person uses (e.g., mailing address)	Chosen from List of Possible Data Elements
Address Start Date	Used for historical purposes to indicate when an address is entered or will begin being used	Free-text entry
Address Stop Date	Used for historical purposes to indicate when an address is no longer used	Free-text entry

<b>Table</b>	<b>Description</b>	<b>Type of User Entry</b>
<b>Beach Lead Contact</b>		
First Name	The first name of a person affiliated with a beach	Free-text entry
Last Name	The last name of a person affiliated with a beach	Free-text entry
Middle Initial	The middle initial of a person affiliated with a beach	Free-text entry
Suffix	The suffix of a person affiliated with a beach (e.g., MD)	Free-text entry
Title	The title of a person affiliated with a beach (that person's official title in his/her job or organization, not that person's role with respect to the beach)	Free-text entry
Suite/POBox/Street First Line	First line of a street address, suite name, or PO box for an organization or person	Free-text entry
Suite/POBox/Street Second Line	Second line of a street address, suite name, or PO box for an organization or person	Free-text entry
Suite/POBox/Street Third Line	Third line of a street address, suite name, or PO box for an organization or person	Free-text entry
City Name	Name of the city in an address for an organization or person	Free-text entry
State	Two-character representation of the state for an organization or person	Chosen from List of Possible Data Elements
ZIP Code	The ZIP code for an organization or person	Free-text entry
Nonelectronic Address Type	Grouping of addresses used to indicate what type of nonelectronic address an organization or person uses (e.g., mailing address)	Chosen from List of Possible Data Elements
Address Start Date	Used for historical purposes to indicate when an address is entered or will begin being used	Free-text entry
Address Stop Date	Used for historical purposes to indicate when an address is no longer used	Free-text entry
<b>Notification Lead Contact</b>		
First Name	The first name of a person affiliated with a beach	Free-text entry
Last Name	The last name of a person affiliated with a beach	Free-text entry
Middle Initial	The middle initial of a person affiliated with a beach	Free-text entry
Suffix	The suffix of a person affiliated with a beach (e.g., MD)	Free-text entry
Title	The title of a person affiliated with a beach (that person's official title in his/her job or organization, not that person's role with respect to the beach)	Free-text entry
Suite/POBox/Street First Line	First line of a street address, suite name, or PO box for an organization or person	Free-text entry
Suite/POBox/Street Second Line	Second line of a street address, suite name, or PO box for an organization or person	Free-text entry
Suite/POBox/Street Third Line	Third line of a street address, suite name, or PO box for an organization or person	Free-text entry
City Name	Name of the city in an address for an organization or person	Free-text entry
State	Two-character representation of the state for an organization or person	Chosen from List of Possible Data Elements
ZIP Code	The ZIP code for an organization or person	Free-text entry
Nonelectronic Address Type	Grouping of addresses used to indicate what type of nonelectronic address an organization or person uses (e.g., mailing address)	Chosen from List of Possible Data Elements
Address Start Date	Used for historical purposes to indicate when an address is entered or will begin being used	Free-text entry
Address Stop Date	Used for historical purposes to indicate when an address is no longer used	Free-text entry

<b>Table</b>	<b>Description</b>	<b>Type of User Entry</b>
<b>Electronic Address (to be included for all contacts)</b>		
Description	Description of the electronic address for an organization or person	Free-text entry
Electronic Address Type	Grouping of electronic addresses used to indicate what type of electronic address an organization or person uses (e.g., URL, e-mail)	Chosen from List of Possible Data Elements
Address Start Date	Used for historical purposes to indicate when an address is entered or will begin being used	Free-text entry
Address Stop Date	Used for historical purposes to indicate when an address is no longer used	Free-text entry
<b>Telephone (to be included for all contacts)</b>		
Number	Numeric representation of the phone number for an organization or person	Free-text entry
Number Start Date	Used for historical purposes to indicate when a number is entered or will begin being used	Free-text entry
Number Stop Date	Used for historical purposes to indicate when a number is no longer used	Free-text entry
Phone Type	Grouping of phone numbers used to indicate what type of phone number an organization or person uses (e.g., fax, voice)	Chosen from List of Possible Data Elements
<b>Advisory/Closing/ Posting Procedure</b>		
Organization Role	Grouping of possible organization roles for a beach-specific procedure (e.g., issuance authority, notification authority)	Chosen from List of Possible Data Elements
Procedure Type	Grouping of procedures used to indicate what type of procedure is being performed by the beach for advisories, closings, and postings (e.g., issuance method, determination method)	Chosen from List of Possible Data Elements
Procedure Name	Typical name used for the beach-specific advisory, closing, or posting procedure	Free-text entry
Procedure Description	Description of the beach-specific advisory, closing, or posting procedure	Free-text entry
<b>Beach Tracking Continuous Submissions</b>		
<b>Beach Activity</b>		
Activity Type	Grouping of beach activities that indicates what type of activity is being performed (e.g., closure, advisory, posting)	Chosen from List of Possible Data Elements
Name	Name of the specific beach activity being performed	Free-text entry
Actual Start Date	Start date of the specific beach activity being performed (e.g., beach closure begin date)	Free-text entry
Actual End Date	Stop date of the specific beach activity being performed (e.g., beach closure end date)	Free-text entry
Description	Description of the specific beach activity being performed	Free-text entry
Comment Text	Comments about the specific beach activity being performed	Free-text entry
Activity Status	Status of the specific activity being performed (e.g., active, rescinded)	Chosen from List of Possible Data Elements
Reason	The specific reason why the beach activity is being performed (e.g., criteria exceeded)	Chosen from List of Possible Data Elements

<b>Table</b>	<b>Description</b>	<b>Type of User Entry</b>
Reason Description/Source	Additional descriptive information regarding the reason that a beach activity is being performed, including specific source information	Free-text entry
<b>Monitoring One-time Submissions</b>		
<b>Sampling Station</b>		
Station Identifier	User-defined identifier for beach sampling location	Free-text entry
Station Name	Common name for beach sampling location	Free-text entry
Station Description	Text describing the sampling station and/or beach monitoring area	Free-text entry
Water Level	Measure Water depth at sampling site	Free-text entry
Water Level Unit Code	Unit code associated with water level measure	Chosen from List of Possible Data Elements
<b>Sampling Location Point</b>		
Absolute Location Point Type	Type of location point (e.g., point of record, sampling)	Chosen from List of Possible Data Elements
Geopositioning Datum Code	The code that represents the reference datum used in determining latitude and longitude coordinates	Chosen from List of Possible Data Elements
Geopositioning Method Code	The method used to determine the latitude and longitude coordinates for a point on earth	Chosen from List of Possible Data Elements
Latitude Direction	North or South	Chosen from List of Possible Data Elements
Latitude Measure - Degrees	Degree component of latitude measure	Free-text entry
Latitude Measure - Minutes	Minute component of latitude measure	Free-text entry
Latitude Measure - Seconds	Second component of latitude measure	Free-text entry
Longitude Direction	East or West	Chosen from List of Possible Data Elements
Longitude Measure - Degrees	Degree component of longitude measure	Free-text entry
Longitude Measure - Minutes	Minute component of longitude measure	Free-text entry
Longitude Measure - Seconds	Second component of longitude measure	Free-text entry
Associated Estuary	Name of estuary associated with the location point	Free-text entry
Ocean Waterbody Name	Name of ocean waterbody associated with the location point	Chosen from List of Possible Data Elements
Shore Relation	Indicates if the station is nearshore or offshore	Chosen from List of Possible Data Elements
<b>Pollution Source Location Point</b>		
Geopositioning Datum Code	The code that represents the reference datum used in determining latitude and longitude coordinates	Chosen from List of Possible Data Elements
Geopositioning Method Code	The method used to determine the latitude and longitude coordinates for a point on earth	Chosen from List of Possible Data Elements
Latitude Direction	North or South	Chosen from List of Possible Data Elements
Latitude Measure - Degrees	Degree component of latitude measure	Free-text entry

<b>Table</b>	<b>Description</b>	<b>Type of User Entry</b>
Latitude Measure - Minutes	Minute component of latitude measure	Free-text entry
Latitude Measure - Seconds	Second component of latitude measure	Free-text entry
Longitude Direction	East or West	Chosen from List of Possible Data Elements
Longitude Measure - Degrees	Degree component of longitude measure	Free-text entry
Longitude Measure - Minutes	Minute component of longitude measure	Free-text entry
Longitude Measure - Seconds	Second component of longitude measure	Free-text entry
Associated Estuary	Name of estuary associated with the location point	Free-text entry
Ocean Waterbody Name	Name of ocean waterbody associated with the location point	Chosen from List of Possible Data Elements
Shore Relation	Indicates if the station is nearshore or offshore	Chosen from List of Possible Data Elements
<b>Beach Station Assignment</b>		
Beach/Project Name	Name of beach associated with sampling station	Chosen from List of Possible Data Elements
Station Identification Code	Station identification code for sampling station	Chosen from List of Possible Data Elements
<b>Beach Program Assignment</b>		
Beach/Project Name	Name of beach associated with federal program	Chosen from List of Possible Data Elements
Program Identification Code	Program code associated with federal program	Chosen from List of Possible Data Elements
<b>Monitoring Lead Contact</b>		
First Name	The first name of a person affiliated with a beach	Free-text entry
Last Name	The last name of a person affiliated with a beach	Free-text entry
Middle Initial	The middle initial of a person affiliated with a beach	Free-text entry
Suffix	The suffix of a person affiliated with a beach (e.g., MD)	Free-text entry
Title	The title of a person affiliated with a beach (that person's official title in his/her job or organization, not that person's role with respect to the beach)	Free-text entry
Suite/POBox/Street First Line	First line of a street address, suite name, or PO box for an organization or person	Free-text entry
Suite/POBox/Street Second Line	Second line of a street address, suite name, or PO box for an organization or person	Free-text entry
Suite/POBox/Street Third Line	Third line of a street address, suite name, or PO Box for an organization or person	Free-text entry
City Name	Name of the city in an address for an organization or person	Free-text entry
State	Two-character representation of the state for an organization or person	Chosen from List of Possible Data Elements
ZIP Code	The ZIP code for an organization or person	Free-text entry
Nonelectronic Address Type	Grouping of addresses used to indicate what type of nonelectronic address an organization or person uses (e.g., mailing address)	Chosen from List of Possible Data Elements
Address Start Date	Used for historical purposes to indicate when an address is entered or will begin being used	Free-text entry

<b>Table</b>	<b>Description</b>	<b>Type of User Entry</b>
Address Stop Date	Used for historical purposes to indicate when an address is no longer used	Free-text entry
<b>Electronic Address</b>		
Description	Description of the electronic address for an organization or person	Free-text entry
Electronic Address Type	Grouping of electronic addresses used to indicate what type of electronic address an organization or person uses (e.g., URL, e-mail)	Chosen from List of Possible Data Elements
Address Start Date	Used for historical purposes to indicate when an address is entered or will begin being used	Free-text entry
Address Stop Date	Used for historical purposes to indicate when an address is no longer used	Free-text entry
<b>Telephone</b>		
Number	Numeric representation of the phone number for an organization or person	Free-text entry
Number Start Date	Used for historical purposes to indicate when a number is entered or will begin being used	Free-text entry
Number Stop Date	Used for historical purposes to indicate when a number is no longer used	Free-text entry
Phone Type	Grouping of phone numbers used to indicate what type of phone number an organization or person uses (e.g., fax, voice)	Chosen from List of Possible Data Elements
<b>Monitoring Continuous Submissions</b>		
<b>Field Activity</b>		
Field Activity Category	Type of sample collected during field activity (e.g., composite, routine sample, observation)	Chosen from List of Possible Data Elements
Identification Code	User-defined identifier for field activity	Free-text entry
Start Date/Time	Start date and time of sampling activity	Free-text entry
<b>Field Activity Beach Assignment</b>		
Field Activity Identification Code	Field activity identification code	Free-text entry
Beach/Project Name	Name of beach associated with field activity	Chosen from List of Possible Data Elements
<b>Sample</b>		
Associated Field Activity	Field activity associated with this sample.	Chosen from List of Possible Data Elements
Total Volume	Total volume of collected sample	Free-text entry
Total Volume Unit Code	Unit code associated with total volume	Chosen from List of Possible Data Elements
Container Color	Color of sample collection container	Free-text entry
Container Type	Type of sample collection container	Free-text entry
Container Size	Size of sample collection container	Free-text entry
Container Size Unit Code	Unit code associated with container size	Chosen from List of Possible Data Elements
<b>Result</b>		
Result Sequence Number	Result identification number	Free-text entry
Completion Indicator Code	Indicates whether the result is completely described	Chosen from List of Possible Data Elements
Result Value	Value of the result for the specified sample and characteristic	Free-text entry

<b>Table</b>	<b>Description</b>	<b>Type of User Entry</b>
Result Characteristic	Characteristic with which the result is associated. This includes both biological characteristics (e.g., <i>E. coli</i> , fecal coliform bacteria), as well as observation characteristics (e.g., weather conditions, air temperature, water temperature)	Chosen from List of Possible Data Elements
Result Unit of Measure	Unit code associated with result value	Chosen from List of Possible Data Elements
Result Status	Indicates if the result is preliminary or final	Chosen from List of Possible Data Elements
Analysis Date	Date on which the analysis was performed	Free-text Entry
Associated Field Activity	Identification code of the associated field activity	Chosen from List of Possible Data Elements
Analytical Procedure ID	Analytical procedure used in determining of the result	Chosen from List of Possible Data Elements
<b>Result Lab Remark Assignment</b>		
Associated Result	Result with which the remark is associated	Chosen from List of Possible Data Elements
Associated Lab Remark	Lab remark (e.g., "Sample or extract held beyond acceptable holding time.")	Chosen from List of Possible Data Elements