

CERS Schema Change Log Summary

Release 1.10 → Release 1.11

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This technical document summarizes changes in the CERS EDT XML Schemas since the previous 1.09 Release.

Release 1.11 implements changes to the Regulator Facility Submittal Query (RFSQ), Regulator Facility Submittal Submit (RFS), and Regulator Facility Submittal Response schemas to support the new unique CERS generated Tank ID Number and the Split Facility Process for the UST program.

As of **September 28, 2018**, the Regulator Facility Submittal Submit and Regulator Facility Submittal Query endpoints have been updated in the CERS EDT Test environment to only accept EDT submittals using the 1.11 version of the RFS schema (RegulatorFacilitySubmittal.xsd) and return XML results using the 1.11 schema version of the RFSQ (RegulatorFacilitySubmittalQuery.xsd).

All public information about CERS EDT is posted at <http://cers.calepa.ca.gov/EDT/> . Technical questions about EDT can be referred to Manoj Beeravelli (Manoj.Beeravelli@calepa.ca.gov) or John Miller (john.miller@calepa.ca.gov).

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Tier 2 Regulator Facility Submittal Query (RFSQ): RegulatorFacilitySubmittalQuery.xsd

The following changes were made to support the new unique CERS Tank ID Number and Split Facility process for USTs:

- Added new element CERSTankIDNumber
- Added new enumeration value 9 (Split Facility) for data element 430 Type of Action UST

CERSTankIDNumber – Data Element 432-a

- Nillable=false
- minOccurs=0
- Simple Type: string
- Length: 12

XSD Example

```
4027 <xs:element name="TankIDNumber" nillable="false" minOccurs="0">
4028   <xs:annotation>
4029     <xs:documentation>432</xs:documentation>
4030   </xs:annotation>
4031   <xs:simpleType>
4032     <xs:restriction base="xs:string">
4033       <xs:maxLength value="24"/>
4034       <xs:minLength value="1"/>
4035     </xs:restriction>
4036   </xs:simpleType>
4037 </xs:element>
4038 <xs:element name="CERSTankIDNumber" nillable="false" minOccurs="0">
4039   <xs:annotation>
4040     <xs:documentation>432-a</xs:documentation>
4041   </xs:annotation>
4042   <xs:simpleType>
4043     <xs:restriction base="xs:string">
4044       <xs:length value="12" />
4045     </xs:restriction>
4046   </xs:simpleType>
4047 </xs:element>
4048 <xs:element name="TankManufacturer" minOccurs="0">
4049   <xs:annotation>
4050     <xs:documentation>433</xs:documentation>
4051   </xs:annotation>
4052   <xs:simpleType>
4053     <xs:restriction base="xs:string">
4054       <xs:maxLength value="30"/>
4055       <xs:minLength value="0"/>
4056     </xs:restriction>
4057   </xs:simpleType>
4058 </xs:element>
```

New Enumeration Value for Data Element 430 Type of Action UST

- Code: 9
- Value: Split Facility

XSD example:

```
3999 <xs:complexType name="USTTankType">
4000   <xs:sequence>
4001     <xs:element name="TypeOfAction" nillable="false" minOccurs="0">
4002       <xs:annotation>
4003         <xs:documentation>430</xs:documentation>
4004       </xs:annotation>
4005       <xs:simpleType>
4006         <xs:restriction base="xs:string">
4007           <xs:enumeration value="1"/>
4008           <xs:enumeration value="3"/>
4009           <xs:enumeration value="5"/>
4010           <xs:enumeration value="6"/>
4011           <xs:enumeration value="7"/>
4012           <xs:enumeration value="8"/>
4013           <xs:enumeration value="9"/>
4014         </xs:restriction>
4015       </xs:simpleType>
4016     </xs:element>
```

Tier 6 Regulator Facility Submittal Submit (RFS): RegulatorFacilitySubmittal.xsd

The following changes were made to support the new unique CERS Tank ID Number and Split Facility process for USTs:

- Added new element CERSTankIDNumber
- Added new enumeration value 9 (Split Facility) for data element 430 Type of Action UST

CERSTankIDNumber – Data Element 432-a

- minOccurs=0
- Simple Type: string
- Length: 12

XSD example:

```
3814 | <xs:element name="TankIDNumber">
3815 |   <xs:annotation>
3816 |     <xs:documentation>432</xs:documentation>
3817 |   </xs:annotation>
3818 |   <xs:simpleType>
3819 |     <xs:restriction base="xs:string">
3820 |       <xs:maxLength value="24"/>
3821 |       <xs:minLength value="1"/>
3822 |     </xs:restriction>
3823 |   </xs:simpleType>
3824 | </xs:element>
3825 | <xs:element name="CERSTankIDNumber" minOccurs="0">
3826 |   <xs:annotation>
3827 |     <xs:documentation>432-a</xs:documentation>
3828 |   </xs:annotation>
3829 |   <xs:simpleType>
3830 |     <xs:restriction base="xs:string">
3831 |       <xs:length value="12" />
3832 |     </xs:restriction>
3833 |   </xs:simpleType>
3834 | </xs:element>
3835 | <xs:element name="TankManufacturer" minOccurs="0">
3836 |   <xs:annotation>
3837 |     <xs:documentation>433</xs:documentation>
3838 |   </xs:annotation>
3839 |   <xs:simpleType>
3840 |     <xs:restriction base="xs:string">
3841 |       <xs:maxLength value="30"/>
3842 |       <xs:minLength value="0"/>
3843 |     </xs:restriction>
3844 |   </xs:simpleType>
3845 | </xs:element>
```

New Enumeration Value for Data Element 430 Type of Action UST

- Code: 9
- Value: Split Facility

XSD example:

```
3781 <xs:complexType name="USTTanksType">
3782 <xs:sequence>
3783 <xs:element name="USTTank" type="cers:USTTankType" maxOccurs="unbounded"/>
3784 </xs:sequence>
3785 </xs:complexType>
3786 <xs:complexType name="USTTankType">
3787 <xs:sequence>
3788 <xs:element name="TypeOfAction">
3789 <xs:annotation>
3790 <xs:documentation>430</xs:documentation>
3791 </xs:annotation>
3792 <xs:simpleType>
3793 <xs:restriction base="xs:string">
3794 <xs:enumeration value="1"/>
3795 <xs:enumeration value="3"/>
3796 <xs:enumeration value="5"/>
3797 <xs:enumeration value="6"/>
3798 <xs:enumeration value="7"/>
3799 <xs:enumeration value="8"/>
3800 <xs:enumeration value="9"/>
3801 </xs:restriction>
3802 </xs:simpleType>
3803 </xs:element>
```

Tier 6 Regulator Facility Submittal Response: RegulatorFacilitySubmittalResponse.xsd

The following changes were made to support the new unique CERS Tank ID Number:

- Added new type CERSTankIDNumberType
- Added new element CERSTankIDNumber to the EntityKeyType complex type

CERSTankIDNumberType

- Simple Type: string
- Length: 12

XSD example:

```
175 <xs:simpleType name="StatusType">
176 <xs:restriction base="xs:string">
177 <xs:enumeration value="Queued"/>
178 <xs:enumeration value="Accepted"/>
179 <xs:enumeration value="Rejected"/>
180 <xs:enumeration value="ErrorProcessing"/>
181 </xs:restriction>
182 </xs:simpleType>
183 <xs:simpleType name="CERSTankIDNumberType">
184 <xs:restriction base="xs:string">
185 <xs:length value="12" />
186 </xs:restriction>
187 </xs:simpleType>
188 <xs:simpleType name="MessageLevelType">
189 <xs:restriction base="xs:string">
190 <xs:enumeration value="Advisory"/>
191 <xs:enumeration value="Required"/>
192 <xs:enumeration value="Warning"/>
193 </xs:restriction>
194 </xs:simpleType>
195 <xs:simpleType name="KeyItemType">
196 <xs:restriction base="xs:string"/>
197 </xs:simpleType>
```

CERTankIDNumber element

- minOccurs=0
- Type: cers:CERTankIDNumberType

XSD example:

```
106 <xs:complexType name="EntityKeyType">
107   <xs:sequence>
108     <xs:element name="EntityResource" type="cers:EntityResourceType">
109       <xs:annotation>
110         <xs:documentation>20.0070</xs:documentation>
111       </xs:annotation>
112     </xs:element>
113     <xs:element name="RegulatorKey" type="cers:RegulatorEntityKeyType" minOccurs="0">
114       <xs:annotation>
115         <xs:documentation>20.0003</xs:documentation>
116       </xs:annotation>
117     </xs:element>
118     <xs:element name="CERSUniqueKey">
119       <xs:annotation>
120         <xs:documentation>20.0074</xs:documentation>
121       </xs:annotation>
122       <xs:simpleType>
123         <xs:restriction base="cers:CERSUniqueKeyType"/>
124       </xs:simpleType>
125     </xs:element>
126     <xs:element name="CERTankIDNumber" minOccurs="0">
127       <xs:annotation>
128         <xs:documentation>432-a</xs:documentation>
129       </xs:annotation>
130       <xs:simpleType>
131         <xs:restriction base="cers:CERTankIDNumberType"/>
132       </xs:simpleType>
133     </xs:element>
134   </xs:sequence>
135 </xs:complexType>
```