

Comments from City of Kirkland

IDDE Reporting Schema

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V0.2

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Comments from City of Kirkland

IDDE Questions and Answers

1. Jurisdiction name (Permit Number)
2. Incident ID assigned by jurisdiction
3. Date incident reported
4. Date to begin response
5. Date to end response
6. Date of final resolution
 - Transferred to another party?
7. Discharge to MS4?
 - Yes
 - a. Estimated Quantity
 - Unknown
 - Sheen
 - Less than 10 Gallons
 - 10 to 100 Gallons
 - 100 to 1,000 Gallons
 - 1,000 to 10,000 Gallons
 - Greater than 10,000 Gallons
 - b. Discharge Frequency
 - Continuous or Ongoing
 - Intermittent
 - One-Time
 - No
 - Discharge Cleaned Up
 - Discharge to Combined sewer
 - Discharge to Private or other sewer
 - Other
 - Explain
 - Unknown
8. G3 notification?
 - Yes
 - ERTS case number
 - No
9. Incident location
 - Address
 - Street
 - City
 - State
 - Zip
 - Nearest Intersection
 - Tax Parcel
 - Latitude/Longitude
 - Latitude
 - Longitude
10. How was the incident discovered?
 - pollution hotline
 - (includes phone and/or web and/or mobile app)
 - direct report to staff
 - staff referral
 - other agency referral
 - ERTS referral
 - IDDE field observation
 - inspection
 - business
 - construction
 - catch basin or manhole
 - outfall or other MS4
 - stormwater BMP/facility
 - other
 - Explain
 - other
 - explain
11. Pollutants identified:
 - none found
 - unconfirmed
 - not identified
 - unspecified
 - vehicle oil, fuel, or other lubricant
 - antifreeze or other coolant
 - sediment/soil
 - sewage/septage
 - solid waste/trash
 - food waste or oil
 - yard waste or other plant or wood waste
 - household or industrial chemical
 - Explain
 - carpet cleaning waste
 - fertilizer

Commented [AD1]: Why is this important to track? Could handle as sub to Date to end response: [DATE] or [] refer to another party

Commented [AD3]: These do not necessarily mean the same thing. Just say "Continuous"?

Commented [AD2]: If answer is NO, then is outside MS4 realm. No additional info should be required for these discharges under the permit.

Commented [AD4]: Allow for either the address OR lat/long. Do not require both.

Commented [AD5]: Why is this detail needed? Consider striking.

Commented [AD6]: List is too long. Select top ten. Allow rest to be covered under "Other: _____" Allow for multiple to be selected.

Commented [AD7]: Allow this to close out report. If none found, no followup to be conducted.

Commented [AD8]: Consolidate into single line: "Not identified."

Commented [AD9]: Combine into one: "vehicle fluids"

Comments from City of Kirkland

- pesticide or herbicide
- unknown bacteria source
- pet waste
- soap/detergent
- fire-fighting foam
- other or unknown foam
- heating oil or kerosene
- roofing or road tar
- cement, concrete, lime, or plaster
- paint (oil based)
- paint (latex)
- PCBs
- refrigerant
- chlorinated water
- other

- Explain

12. Source or ~~cause~~Activity:

- n/a
- allowable discharge
 - Diverted stream flow
 - Flow from riparian habitat or wetland
 - Uncontaminated ground water or spring water
 - Foundation or footing drain
 - Uncontaminated water from crawl space pump
 - Air conditioning condensation
 - Irrigation water from agricultural source
 - Emergency firefighting
- conditionally allowed discharge
 - Potable water
 - Water line flushing or testing
 - Lawn watering or other irrigation
 - Dechlorinated pool/spa water
 - Street/sidewalk wash water
- not identified
- illicit connection
- dumping
- spill (unknown source)
- vehicle collision/accident
- construction activity
- construction BMP failure
- structural BMP failure
- runoff due to drainage or grade conditions

~~stormwater or flood water~~

- groundwater pumping
- broken or clogged water or sewer line
- septic system
- leaking or abandoned container/dumpster
- non-emergency firefighting or training
- fueling
- auto repair
- vehicle washing
- vehicle leakage/fluids
- equipment cleaning
- pressure washing
- drive-thru
- mobile business
- retail operations
- restaurant
- logging
- livestock
- other

- Explain

13. Source tracing:

- n/a
- visual observation
- map analysis

~~further inspection or reconnaissance~~

- indicator testing
- dye testing
- pressure testing
- smoke testing
- video inspection
- canine detection
- optical brightener
- sand bagging
- smell/odor
- other

- Explain

14. Indicator testing:

- n/a

Commented [AD10]: Use same approach as above. List is too long. Select top 10, then provide "Other: _____" category.

Commented [AD11]: Why is this detail needed. Strike sub-bullets.

Commented [AD12]: Same as above. Strike sub-bullets?

Commented [AD13]: How different from n/a? Strike one of these.

Commented [AD14]: Uncontaminated pumped groundwater is allowable. Strike?

Commented [AD15]: ???

Commented [AD16]: In MS4 area?

Commented [AD17]: Click all that apply?

Commented [AD18]: Covered by other activities

Commented [AD19]: Should this be sub-bullets to indicator testing (above). If so, strike "N/A" since it only opens if you click the indicator testing box...

Comments from City of Kirkland

- flow/discharge
- sheen/oil
- floatables
- detergent or surfactants
- ammonia
- color
- odor
- pH
- temperature
- turbidity
- hardness
- nitrates
- potassium
- specific conductivity
- bacteria
- chloride/chlorine
- fluoride
- carbon monoxide
- hydrogen sulfide
- other
 - Explain

15. Correction/elimination methods:

- no action needed
 - Explain
- clean-up
- education/technical assistance
- add or improve source control BMP
- focus on structural
- behavioral or BMP operation modification
- focus on operational
- enforcement:
 - verbal notice
 - written warning
 - correction notice
 - stop work order
 - legal notice
 - penalty or fine
- referred to other agency or department
- ~~follow up or further investigation~~
- problem not abated
 - Explain
- Other
 - Explain

16. Field notes, explanations, and/or other comments:

Commented [AD20]: Use top 10 approach described elsewhere?

Commented [AD21]: In the MS4?

Commented [AD22]: Click all that apply.

Commented [AD23]: All seem related to source control BMPs. Not sure what is meant by "focus on..." bullet points

Commented [AD24]: Why is this detail needed? Is it sufficient to know that enforcement was taken (without detailing what type of enforcement tool was used?)

Commented [AD25]: How different from Q6? Strike?

Commented [AD26]: Since you don't close out report until either resolved or referred, this is unnecessary. Assume followup taking place until issue is resolved/case is closed.

Comments from City of Kirkland

XML Schema (IDDE.xsd)

```
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
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  </xs:element>

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    </xs:annotation>
    <xs:all>
      <xs:element maxOccurs="1" minOccurs="0" name="DateReported" type="xs:date">
        <xs:annotation>
          <xs:documentation>Date incident reported</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="DateResponseBegin" type="xs:date">
        <xs:annotation>
          <xs:documentation>Date incident response began</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="DateResponseEnd" type="xs:date">
        <xs:annotation>
          <xs:documentation>Date incident response ended</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="DateResolved" type="Resolution">
        <xs:annotation>
          <xs:documentation>Date incident resolved, was it transferred</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="Discharge" type="Discharge">
        <xs:annotation>
          <xs:documentation>Discharge to MS4 details</xs:documentation>
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      <xs:element maxOccurs="1" minOccurs="0" name="G3" type="G3Notification">
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          <xs:documentation>Does this incident require a G3 notification? What is its ERTS
number?</xs:documentation>
        </xs:annotation>
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          <xs:documentation>Location of discharge</xs:documentation>
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          <xs:documentation>How was the incident discovered?</xs:documentation>
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          <xs:documentation>Pollutants identified</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="Sources" type="Source">
        <xs:annotation>
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        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="Traces" type="Trace">
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          <xs:documentation>Source Tracing</xs:documentation>
        </xs:annotation>
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      <xs:element maxOccurs="1" minOccurs="0" name="Indicators" type="Indicator">
        <xs:annotation>
          <xs:documentation>Indicator Testing</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="Corrections" type="Correction">
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```

Comments from City of Kirkland

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    <xs:maxLength value="9"/>
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    <xs:documentation>Incident ID</xs:documentation>
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  <xs:annotation>
    <xs:documentation>Incident resolution</xs:documentation>
  </xs:annotation>
  <xs:attribute name="date" type="xs:date"/>
  <xs:attribute name="transferred" type="xs:string">
    <xs:annotation>
      <xs:documentation>Who was the incident transferred to (if any)</xs:documentation>
    </xs:annotation>
  </xs:attribute>
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  <xs:choice>
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    <xs:element name="Yes" type="YesMS4Discharge"/>
    <xs:element name="Unknown" type="UnknownMS4Discharge"/>
  </xs:choice>
</xs:complexType>
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  <xs:attribute name="erts_id" type="xs:string"/>
</xs:complexType>
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  <xs:sequence>
    <xs:element maxOccurs="1" minOccurs="0" name="Location" type="xs:string"/>
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```

Comments from City of Kirkland

```
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          <xs:element maxOccurs="1" minOccurs="0" name="Explain" type="xs:string"/>
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      </xs:annotation>
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```

Comments from City of Kirkland

```
</xs:annotation>
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  <xs:annotation>
    <xs:documentation>100-1000 Gallons</xs:documentation>
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    </xs:enumeration>
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      <xs:annotation>
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        <xs:documentation>Address</xs:documentation>
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    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Tax Parcel</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
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  </xs:restriction>
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        <xs:appinfo>Requires Explanation</xs:appinfo>
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    </xs:enumeration>
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      <xs:annotation>
        <xs:documentation>Pollution Hotline</xs:documentation>
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</xs:simpleType>
```


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```
</xs:annotation>
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  <xs:annotation>
    <xs:documentation>Staff referral</xs:documentation>
  </xs:annotation>
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    <xs:documentation>Agency referral</xs:documentation>
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  <xs:annotation>
    <xs:documentation>ERTS</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Inspection: Construction</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Inspection: Catch basin or manhole</xs:documentation>
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  <xs:annotation>
    <xs:documentation>Inspection: Outfall or other MS4</xs:documentation>
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  <xs:annotation>
    <xs:documentation>Inspection: Stormwater BMP</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Inspection: Other</xs:documentation>
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      </xs:annotation>
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      </xs:annotation>
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    <xs:enumeration value="2">
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      <xs:annotation>
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</xs:simpleType>
```

Comments from City of Kirkland

```
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Sewage, Septage</xs:documentation>
  </xs:annotation>
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  <xs:annotation>
    <xs:documentation>Solid Waste or Trash</xs:documentation>
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  <xs:annotation>
    <xs:documentation>Food Waste</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Yard Waste</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Household or Industrial Chemical</xs:documentation>
    <xs:appinfo>Requires Explanation</xs:appinfo>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Carpet Cleaning Waste</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Fertilizer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>Pesticide, herbicide</xs:documentation>
  </xs:annotation>
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    <xs:documentation>Soap or Detergent</xs:documentation>
  </xs:annotation>
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  <xs:annotation>
    <xs:documentation>Fire-fighting Foam</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="19">
  <xs:annotation>
    <xs:documentation>Other or Unknown Foam</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>Heating Oil or Kerosene</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <xs:documentation>Roofing or Road Tar</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <xs:documentation>Cement, Concrete, Lime, or Plaster</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>Paint (Oil base)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Paint (Latex base)</xs:documentation>
  </xs:annotation>
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```

Comments from City of Kirkland

```
<xs:annotation>
  <xs:documentation>PCBs</xs:documentation>
</xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Refrigerant</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="27">
  <xs:annotation>
    <xs:documentation>Chlorinated Water</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="28">
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        <xs:appinfo>Requires Explanation</xs:appinfo>
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      </xs:annotation>
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        <xs:documentation>N/A</xs:documentation>
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    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Allowable Discharge: Diverted stream flow</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>Allowable Discharge: Flow from riparian habitat or
wetland</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
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        <xs:documentation>Allowable Discharge: Uncontaminated ground water or spring
water</xs:documentation>
      </xs:annotation>
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      <xs:annotation>
        <xs:documentation>Allowable Discharge: Foundation or footing drain</xs:documentation>
      </xs:annotation>
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    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>Allowable Discharge: Uncontaminated water from crawl space
pump</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>Allowable Discharge: Air Conditioning
Condensation</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
      <xs:annotation>
        <xs:documentation>Allowable Discharge: Irrigation water from agricultural
source</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>Allowable Discharge: Emergency Firefighting</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
      <xs:annotation>
        <xs:documentation>Conditionally Allowable Discharge: Potable water</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
      <xs:annotation>
```

Comments from City of Kirkland

```

        <xs:documentation>Conditionally Allowable Discharge: Water line flushing or
testing</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
    <xs:annotation>
        <xs:documentation>Conditionally Allowable Discharge: Lawn watering or other
irrigation</xs:documentation>
    </xs:annotation>
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    <xs:annotation>
        <xs:documentation>Conditionally Allowable Discharge: Dechlorinated pool or spa
water</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
    <xs:annotation>
        <xs:documentation>Conditionally Allowable Discharge: Street/sidewalk wash
water</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
    <xs:annotation>
        <xs:documentation>Illicit connection</xs:documentation>
    </xs:annotation>
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    <xs:annotation>
        <xs:documentation>Dumping</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
    <xs:annotation>
        <xs:documentation>Spill</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
    <xs:annotation>
        <xs:documentation>Vehicle collision/accident</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
    <xs:annotation>
        <xs:documentation>Construction activity</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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    <xs:annotation>
        <xs:documentation>Construction BMP failure</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
    <xs:annotation>
        <xs:documentation>Runoff due to drainage or grade conditions</xs:documentation>
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<xs:enumeration value="23">
    <xs:annotation>
        <xs:documentation>Stormwater or flood water</xs:documentation>
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<xs:enumeration value="24">
    <xs:annotation>
        <xs:documentation>Groundwater pumping</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
    <xs:annotation>
        <xs:documentation>Broken or clogged water or sewer line</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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    <xs:annotation>
        <xs:documentation>Septic system</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="27">
    <xs:annotation>
        <xs:documentation>Leaking or abandoned container/dumpster</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="28">
    <xs:annotation>
        <xs:documentation>Non-emergency firefighting or training</xs:documentation>
    </xs:annotation>
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    <xs:annotation>
        <xs:documentation>Fueling</xs:documentation>
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```

Comments from City of Kirkland

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<xs:enumeration value="30">
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    <xs:documentation>Auto repair</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="31">
  <xs:annotation>
    <xs:documentation>Vehicle washing</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation>Vehicle leakage/fluids</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Mobile business</xs:documentation>
  </xs:annotation>
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  <xs:annotation>
    <xs:documentation>Restaurant</xs:documentation>
  </xs:annotation>
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  <xs:annotation>
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    <xs:documentation>Livestock</xs:documentation>
  </xs:annotation>
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    <xs:enumeration value="3">
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    <xs:enumeration value="4">
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        <xs:documentation>Further Inspection or Reconnaissance</xs:documentation>
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```

Comments from City of Kirkland

```
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      <xs:documentation>Dye Testing</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="7">
    <xs:annotation>
      <xs:documentation>Pressure Testing</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="8">
    <xs:annotation>
      <xs:documentation>Smoke Testing</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="9">
    <xs:annotation>
      <xs:documentation>Video Inspection</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="10">
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      <xs:documentation>Canine Detection</xs:documentation>
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  <xs:enumeration value="11">
    <xs:annotation>
      <xs:documentation>Optical Brightener</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="12">
    <xs:annotation>
      <xs:documentation>Sand Bagging</xs:documentation>
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  </xs:enumeration>
  <xs:enumeration value="13">
    <xs:annotation>
      <xs:documentation>Smell/Odor</xs:documentation>
    </xs:annotation>
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    </xs:enumeration>
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        <xs:documentation>N/A</xs:documentation>
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    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Flow/Discharge</xs:documentation>
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    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Sheen/Oil</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
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        <xs:documentation>Floatables</xs:documentation>
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    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
        <xs:documentation>Ammonia</xs:documentation>
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    </xs:enumeration>
    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>Color</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>Odor</xs:documentation>
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  </xs:restriction>
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```

Comments from City of Kirkland

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  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Temperature</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Turbidity</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Hardness</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Nitrates</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Potassium</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>Specific Conductivity</xs:documentation>
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</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Bacteria</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>Chloride/Chlorine</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>Fluoride</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
  <xs:annotation>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>Hydrogen Sulfide</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
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        <xs:documentation>Other</xs:documentation>
        <xs:appinfo>Requires Explanation</xs:appinfo>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>No Action</xs:documentation>
        <xs:appinfo>Requires Explanation</xs:appinfo>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Cleaned up</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Education/Technical Assistance</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>Add or Improve Source Control BMP</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Comments from City of Kirkland

```
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>Behavioral or BMP Operation Modification</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>Enforcement: Verbal Notice</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Enforcement: Written Warning</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Enforcement: Correction Notice</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Enforcement: Stop Work Order</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Enforcement: Legal Notice</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Enforcement: Penalty or Fine</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Referred to another agency or department</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Follow-up or further investigation</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>Problem Not Abated</xs:documentation>
    <xs:appinfo>Requires Explanation</xs:appinfo>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:schema>
```


Comments from City of Kirkland

Example XML

```
<?xml version="1.0" encoding="utf-8"?>
<IDDEvents>
  <IDDEvent Jurisdiction="Jurisdic1" IncidentId="IncidentId1">
    <Notes>Notes1</Notes>
    <Corrections>
      <Correction type="0">
        <Explain>Explain1</Explain>
      </Correction>
      <Correction type="1">
        <Explain>Explain2</Explain>
      </Correction>
      <Correction type="2">
        <Explain>Explain3</Explain>
      </Correction>
    </Corrections>
    <Indicators>
      <Indicator type="0">
        <Explain>Explain1</Explain>
      </Indicator>
      <Indicator type="1">
        <Explain>Explain2</Explain>
      </Indicator>
      <Indicator type="2">
        <Explain>Explain3</Explain>
      </Indicator>
    </Indicators>
    <Traces>
      <Trace type="0">
        <Explain>Explain1</Explain>
      </Trace>
      <Trace type="1">
        <Explain>Explain2</Explain>
      </Trace>
      <Trace type="2">
        <Explain>Explain3</Explain>
      </Trace>
    </Traces>
    <Sources>
      <Source type="0">
        <Explain>Explain1</Explain>
      </Source>
      <Source type="1">
        <Explain>Explain2</Explain>
      </Source>
      <Source type="2">
        <Explain>Explain3</Explain>
      </Source>
    </Sources>
    <Pollutants>
      <Pollutant type="0">
        <Explain>Explain1</Explain>
      </Pollutant>
      <Pollutant type="1">
        <Explain>Explain2</Explain>
      </Pollutant>
      <Pollutant type="2">
        <Explain>Explain3</Explain>
      </Pollutant>
    </Pollutants>
    <Discoveredes>
      <Discovered type="0">
        <Explain>Explain1</Explain>
      </Discovered>
      <Discovered type="1">
        <Explain>Explain2</Explain>
      </Discovered>
      <Discovered type="2">
        <Explain>Explain3</Explain>
      </Discovered>
    </Discoveredes>
    <Location type="0">
      <Location>Location1</Location>
    </Location>
    <G3 g3="true" erts_id="erts_id1" />
    <Discharge>
      <No reason="0">
        <Explain>Explain1</Explain>
      </No>
    </Discharge>
    <DateResolved date="1900-01-01" transferred="transferred1" />
    <DateResponseEnd>1900-01-01</DateResponseEnd>
    <DateResponseBegin>1900-01-01</DateResponseBegin>
    <DateReported>1900-01-01</DateReported>
  </IDDEvent>
  <IDDEvent Jurisdiction="WAR45500" IncidentId="IncidentId2">
    <Notes>Notes2</Notes>
    <Corrections>
      <Correction type="3">
        <Explain>Explain4</Explain>
      </Correction>
      <Correction type="4">
        <Explain>Explain5</Explain>
      </Correction>
      <Correction type="5">
        <Explain>Explain6</Explain>
      </Correction>
    </Corrections>
  </IDDEvent>
</IDDEvents>
```

Comments from City of Kirkland

```
</Correction>
</Corrections>
<Indicators>
  <Indicator type="3">
    <Explain>Explain4</Explain>
  </Indicator>
  <Indicator type="4">
    <Explain>Explain5</Explain>
  </Indicator>
  <Indicator type="5">
    <Explain>Explain6</Explain>
  </Indicator>
</Indicators>
<Traces>
  <Trace type="3">
    <Explain>Explain4</Explain>
  </Trace>
  <Trace type="4">
    <Explain>Explain5</Explain>
  </Trace>
  <Trace type="5">
    <Explain>Explain6</Explain>
  </Trace>
</Traces>
<Sources>
  <Source type="3">
    <Explain>Explain4</Explain>
  </Source>
  <Source type="4">
    <Explain>Explain5</Explain>
  </Source>
  <Source type="5">
    <Explain>Explain6</Explain>
  </Source>
</Sources>
<Pollutants>
  <Pollutant type="3">
    <Explain>Explain4</Explain>
  </Pollutant>
  <Pollutant type="4">
    <Explain>Explain5</Explain>
  </Pollutant>
  <Pollutant type="5">
    <Explain>Explain6</Explain>
  </Pollutant>
</Pollutants>
<Discoveredes>
  <Discovered type="3">
    <Explain>Explain4</Explain>
  </Discovered>
  <Discovered type="4">
    <Explain>Explain5</Explain>
  </Discovered>
  <Discovered type="5">
    <Explain>Explain6</Explain>
  </Discovered>
</Discoveredes>
<Location type="1">
  <Location>Location2</Location>
</Location>
<G3 g3="false" erts_id="erts_id2" />
<Discharge>
  <No reason="1">
    <Explain>Explain2</Explain>
  </No>
</Discharge>
<DateResolved date="0001-01-01" transferred="transferred2" />
<DateResponseEnd>0001-01-01</DateResponseEnd>
<DateResponseBegin>0001-01-01</DateResponseBegin>
<DateReported>0001-01-01</DateReported>
</IDDEvent>
<IDDEvent Jurisdiction="Jurisdic3" IncidentId="IncidentId3">
  <Notes>Notes3</Notes>
  <Corrections>
    <Correction type="6">
      <Explain>Explain7</Explain>
    </Correction>
    <Correction type="7">
      <Explain>Explain8</Explain>
    </Correction>
    <Correction type="8">
      <Explain>Explain9</Explain>
    </Correction>
  </Corrections>
  <Indicators>
    <Indicator type="6">
      <Explain>Explain7</Explain>
    </Indicator>
    <Indicator type="7">
      <Explain>Explain8</Explain>
    </Indicator>
    <Indicator type="8">
      <Explain>Explain9</Explain>
    </Indicator>
  </Indicators>
  <Traces>
    <Trace type="6">
```

Comments from City of Kirkland

```
<Explain>Explain7</Explain>
</Trace>
<Trace type="7">
  <Explain>Explain8</Explain>
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