

## ISR\_9\_5\_FDAUP\_FishDistLn

**Data format:** Shapefile

**File or table name:** ISR\_9\_5\_FDAUP\_FishDistLn

**Coordinate system:** State Plane Coordinate System 1983

**Theme keywords:** Fish and Aquatic Resources, Fish Distribution

**Abstract:** ESRI line shapefile of fish distribution in the Upper Susitna River Segment mainstem and tributaries.

### FGDC and ESRI Metadata:

- [Identification Information](#)
- [Data Quality Information](#)
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Metadata elements shown with blue text are defined in the Federal Geographic Data Committee's (FGDC) [Content Standard for Digital Geospatial Metadata \(CSDGM\)](#). Elements shown with green text are defined in the [ESRI Profile of the CSDGM](#). Elements shown with a green asterisk (\*) will be automatically updated by ArcCatalog. ArcCatalog adds hints indicating which FGDC elements are mandatory; these are shown with gray text.

### Identification Information:

#### Citation:

##### Citation information:

**Originators:** R2 Resource Consultants (R2), HDR, Inc.

##### \*Title:

ISR\_9\_5\_FDAUP\_FishDistLn

**\*File or table name:** ISR\_9\_5\_FDAUP\_FishDistLn

**Publication date:** 2014-01-02

**\*Geospatial data presentation form:** vector digital data

**Online linkage:** <http://qis.suhydro.org/reports/isr>

#### Description:

##### Abstract:

ESRI line shapefile of fish distribution in the Upper Susitna River Segment mainstem and tributaries.

**Purpose:**

For the Fish and Aquatics Study Program Initial Study Report (ISR) for the licensing of the Susitna-Watana Hydroelectric Project, Alaska.

**\*Language of dataset:** en

**Time period of content:****Time period information:****Single date/time:**

**Calendar date:** 2013

**Currentness reference:**

publication date

**Status:**

**Progress:** Complete

**Maintenance and update frequency:** As needed

**Spatial domain:****Bounding coordinates:**

**\*West bounding coordinate:** -150.714418

**\*East bounding coordinate:** -147.055144

**\*North bounding coordinate:** 63.461515

**\*South bounding coordinate:** 61.219384

**Local bounding coordinates:**

**\*Left bounding coordinate:** 1523530.448205

**\*Right bounding coordinate:** 2122585.435132

**\*Top bounding coordinate:** 3457362.156484

**\*Bottom bounding coordinate:** 2647696.630805

**Keywords:****Theme:**

**Theme keywords:** Fish and Aquatic Resources, Fish Distribution

**Access constraints:** None

**\*Native dataset format:** Shapefile

**\*Native data set environment:**

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.3.1.3000

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**Data Quality Information:****Lineage:****Process step:****Process description:**

Coded Project River Mile (PRM) mainstem and tributary hydrography layer with fish species using the upstream field detection for each species.

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## Spatial Data Organization Information:

**\*Direct spatial reference method:** Vector

### Point and vector object information:

#### SDTS terms description:

**\*Name:** ISR\_9\_5\_FDAUP\_FishDistLn  
**\*SDTS point and vector object type:** String  
**\*Point and vector object count:** 83

#### ESRI terms description:

**\*Name:** ISR\_9\_5\_FDAUP\_FishDistLn  
**\*ESRI feature type:** Simple  
**\*ESRI feature geometry:** Polyline  
**\*ESRI topology:** FALSE  
**\*ESRI feature count:** 83  
**\*Spatial index:** TRUE  
**\*Linear referencing:** TRUE

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## Spatial Reference Information:

### Horizontal coordinate system definition:

#### Coordinate system name:

**\*Projected coordinate system name:**  
 NAD\_1983\_StatePlane\_Alaska\_4\_FIPS\_5004\_Feet  
**\*Geographic coordinate system name:** GCS\_North\_American\_1983

#### Planar:

##### Grid coordinate system:

**\*Grid coordinate system name:** State Plane Coordinate System 1983

##### State Plane Coordinate System:

**\*SPCS zone identifier:** 5004

##### Transverse mercator:

**\*Scale factor at central meridian:** 0.999900  
**\*Longitude of central meridian:** -150.000000  
**\*Latitude of projection origin:** 54.000000  
**\*False easting:** 1640416.666667  
**\*False northing:** 0.000000

##### Planar coordinate information:

**\*Planar coordinate encoding method:** coordinate pair

##### Coordinate representation:

**\*Abscissa resolution:** 0.000000  
**\*Ordinate resolution:** 0.000000  
**\*Planar distance units:** survey feet

#### Geodetic model:

**\*Horizontal datum name:** North American Datum of 1983  
**\*Ellipsoid name:** Geodetic Reference System 80  
**\*Semi-major axis:** 6378137.000000  
**\*Denominator of flattening ratio:** 298.257222

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## Entity and Attribute Information:

### Detailed description:

\***Name:** ISR\_9\_5\_FDAUP\_FishDistLn

### Entity type:

\***Entity type label:** ISR\_9\_5\_FDAUP\_FishDistLn

\***Entity type type:** Feature Class

\***Entity type count:** 83

### Attribute:

\***Attribute label:** FID

\***Attribute alias:** FID

\***Attribute definition:**

Internal feature number.

\***Attribute definition source:**

ESRI

\***Attribute type:** OID

\***Attribute width:** 4

\***Attribute precision:** 0

\***Attribute scale:** 0

### Attribute domain values:

\***Unrepresentable domain:**

Sequential unique whole numbers that are automatically generated.

### Attribute:

\***Attribute label:** Shape

\***Attribute alias:** Shape

\***Attribute definition:**

Feature geometry.

\***Attribute definition source:**

ESRI

\***Attribute type:** Geometry

\***Attribute width:** 0

\***Attribute precision:** 0

\***Attribute scale:** 0

### Attribute domain values:

\***Unrepresentable domain:**

Coordinates defining the features.

### Attribute:

\***Attribute label:** STREAMNAME

\***Attribute alias:** STREAMNAME

**Attribute definition:**

Mainstem or tributary name.

**Attribute definition source:**

R2

**\*Attribute type:** String

**\*Attribute width:** 30

**Attribute:**

**\*Attribute label:** CDV

**\*Attribute alias:** CDV

**Attribute definition:**

Dolly Varden

**\*Attribute type:** String

**\*Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

**\*Attribute label:** CLK

**\*Attribute alias:** CLK

**Attribute definition:**

lake trout

**\*Attribute type:** String

**\*Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

**\*Attribute label:** GBR

**\*Attribute alias:** GBR

**Attribute definition:**

burbot

**\*Attribute type:** String

**\*Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

**\*Attribute label:** GRA

**\*Attribute alias:** GRA

**Attribute definition:**

Arctic grayling

**\*Attribute type:** String

**\*Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

**\*Attribute label:** ISA

**\*Attribute alias:** ISA

**Attribute definition:**

salmonid

**\*Attribute type:** String

**\*Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

**\*Attribute label:** NOS

**\*Attribute alias:** NOS

**Attribute definition:**

longnose sucker

**\*Attribute type:** String

**\*Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

**\*Attribute label:** SCK

**\*Attribute alias:** SCK

**Attribute definition:**

Chinook salmon

**\*Attribute type:** String

**\*Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

**\*Attribute label:** WHB

**\*Attribute alias:** WHB

**Attribute definition:**

humpback whitefish

**\*Attribute type:** String

**\*Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

**\*Attribute label:** WHF

**\*Attribute alias:** WHF

**Attribute definition:**

whitefish, undifferentiated

\***Attribute type:** String  
 \***Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

\***Attribute label:** WRN  
 \***Attribute alias:** WRN

**Attribute definition:**

round whitefish

\***Attribute type:** String  
 \***Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

\***Attribute label:** ZZZ  
 \***Attribute alias:** ZZZ

**Attribute definition:**

General fish observation, no species information

\***Attribute type:** String  
 \***Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

\***Attribute label:** ULP  
 \***Attribute alias:** ULP

**Attribute definition:**

sculpin, undifferentiated

\***Attribute type:** String  
 \***Attribute width:** 1

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** Y = Fish Species Present

**Attribute:**

\***Attribute label:** USL  
 \***Attribute alias:** USL

**Attribute definition:**

slimy sculpin

\***Attribute type:** String  
 \***Attribute width:** 1

**Attribute domain values:****Enumerated domain:****Enumerated domain value:** Y = Fish Species Present[Back to Top](#)

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**Distribution Information:****Resource description:** Downloadable Data**Standard order process:****Digital form:****Digital transfer information:****\*Transfer size:** 1.313**\*Dataset size:** 1.313[Back to Top](#)

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**Metadata Reference Information:****\*Metadata date:** 20140123**\*Language of metadata:** en**Metadata contact:****Contact information:****Contact person primary:****Contact person:** Joetta Zablotney**Contact organization:** R2 Resource Consultants**Contact position:** GIS Manager**Contact address:****Address type:** mailing and physical address**Address:**

15250 NE 95th Street

**City:** Redmond**State or province:** Washington**Postal code:** 98052**Contact voice telephone:** 425-556-1288**\*Metadata standard name:** FGDC Content Standards for Digital Geospatial Metadata**\*Metadata standard version:** FGDC-STD-001-1998**\*Metadata time convention:** local time**Metadata extensions:****\*Online linkage:** <http://www.esri.com/metadata/esriprof80.html>**\*Profile name:** ESRI Metadata Profile[Back to Top](#)

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## Geoprocessing History:

### Process:

\***Date:** 20120406

\***Time:** 152735

\***Tool location:** C:\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Project

\***Command issued:**

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