Data Dictionary
Alaska Department of Natural Resources
Division of Mining, Land & Water
and Division of Oil & Gas
North Slope Planning Area
Geospatial Infrastructure Data

Contact: Resource Assessment and Development Section (RADS),
Division of Mining, Land, & Water
or Division of Oil & Gas (DOG)

Phone: 907-269-8534(RADS)
907-269-8800(DOG)

March 31, 2014

Prepared by
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AK DNR DMLW and DOG  
North Slope Planning Area  
Geospatial Infrastructure Data  
March 31, 2014
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Airstrips; Polygons Metadata

Disposal Sites; Points Metadata

Disposal Sites; Polygons Metadata

Easements; Polygons Metadata

Gravel Pads; Polygons Metadata

Material Sites; Points Metadata

Material Sites; Polygons Metadata

Pipelines; Lines Metadata

Powerline; Lines Metadata

Roads; Lines Metadata

Roads; Polygons Metadata

Structures; Points Metadata

Structures; Polygons Metadata

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Introduction

This data dictionary describes all the data obtained by Resource Data, Inc. (RDI) on behalf of the Alaska Department of Natural Resources (DNR) Divisions of Oil and Gas (DOG) and Mining, Land and Water (DMLW) under TO 0086-10-13-010. It is intended that both DNR divisions would use this data in its operational review and approval activities and that it would provide, in large part, the data base necessary for the preparation of a North Slope Management Plan. Appendix 1 describes the geoprocessing used to develop the derived feature classes used for atlas symbolization, Appendix 2 describes the data collection methodology, Appendix 3 provides a list of acronyms used in this document, and Appendix 4 attaches the formal metadata.

Project Overview

DNR engaged RDI to compile existing infrastructure and facility location information and material (sand and gravel) source information on all State-owned and State-selected lands (including uplands, shore lands, tidelands, and submerged lands) on the North Slope of Alaska within defined geographic areas. The study area for this project is shown below and in the sample data request letter in Appendix 2. In this report, this area is referred to as the “study area.”

Figure 1: North Slope Planning Area
The purpose of this information is to support subsequent surface analyses by DNR in this area, either for authorization review and approval or for the development of a management plan. It includes only surface and near-surface features. Surface features are those features which are visible on the land surface such as above-ground pipeline, buildings, material sites, wells, and airstrips. Near-surface features include buried pipelines, culverts, and, potentially, material site boundaries that are still under surface cover.

This data collection effort only included State-owned and State-selected lands within the area of interest, as stated in the sample letter in Appendix 2. Most land in the study area, both uplands and waters, are owned by the State of Alaska. We also received data from the North Slope Borough for lands owned by the Borough. We did not filter provided information to remove information on private lands; if an organization provided information from private lands, it is included in the database and maps. While we did request information from the Arctic Slope Regional Corporation, it was only for information on State-owned and State-selected lands. Their land holdings were considered to be private lands.

RDI conducted the project in two distinct phases: data collection followed by data analysis, processing, and cartography. During data collection, the emphasis was to collect the desired information from as many sources as possible. The information that was requested is listed in the “Sample Letter” in Appendix 2. DNR, in its development of the initial scope of work, determined the attribute data that were most important for the purposes of the study. Appendix 2 describes the data collection in more detail. During the second phase, the effort shifted to analyzing the submitted digital data, developing an appropriate geodatabase model, loading the submissions into a geodatabase, conducting further geoprocessing to support the printed map atlas, and producing the atlas and data dictionary.

**Study Limitations**

- Source organizations contacted during the data collection phase either provided information or responded to DNR or RDI that they did not have information that met the terms of the request. DNR and RDI did informal evaluations of those organizations that responded “no data” and determined one of the following:
  - The organization did not have leases within the study area.
  - Any information the organization might have was not critical to the study purpose.
  - The information was available from another entity.
  - The organization has privately-owned land that is outside the scope of this study.
- Source organizations determined which data met the requirements of the study and which attribute information they would provide.

---

1 The sample letter represents the information that we requested and expected to receive. In some cases, entities responded with partial data and were contacted again to request the missing data. The missing data was provided in some instances; in others, no additional data was forthcoming and information pertinent to the field is intentionally missing.
Different organizations may have submitted different attribute information, not all which is relevant to the study purpose of surface analysis of North Slope infrastructure. These are identified in the discussion of each feature class for the DNR_NS_Planning_Infrastructure.gdb. DNR has received all of the source information and consequently has all of the information that was not loaded to the geodatabase. The following list describes attributes we determined not to be relevant:

- Location references to private reference systems such as a unique grid system used by a single company. These cannot be used without full knowledge of the private reference systems, which were not provided.
- Duplicate information. If the same information was provided in two attributes, it was loaded as a single attribute.
- Source organization cartographic and categorization information. Organizations often include attribute columns used for map production within that organization that provide no value outside of the organization. These were not loaded.
- Historical lineage and geoprocessing information. Some organizations included attributes showing the historical migration from one system to another or the organization’s geoprocessing steps. These provide no meaningful information outside of the organization.
- References to information in other systems. Some organizations provided attribute columns with links to other systems, but these have no meaning without the other system.
- Geometric information. Some organizations provided geometric attributes that could easily be derived from the feature itself.
- Detailed engineering, legal, or historical information. AOGCC provided several additional tables of ancillary well data that is outside of the scope of the project. These include detailed engineering information, such as bottom-hole details, production details, geologic information, permit information, leasing information, and well history information, such as descriptions of the type of work done.

Organizations may or may not have submitted attribute information that was of interest, such as the status date or record currency date of each feature. In every case, if the value in an attribute column is blank or null, the source organization did not provide that data.

- Organizations were encouraged to submit data in digital formats that could be imported into an Esri geodatabase but were allowed to submit portable document format (PDF) files, hard copy maps, and other static documents in lieu of importable digital formats. This project did not include any digitizing of data submitted via static documents, but did, at times, georeference documents.
- Where possible, maps submitted as PDFs were georeferenced even though they could not be imported into the geodatabase feature classes.
• Although Pipeline Open Data Standards (PODS) formatted datasets were requested, if available, no respondent provided PODS data.

• This project relied solely on the data submitted by source organizations and, by design, did not include any independent verification of data accuracy. The accuracy of the information in the data dictionary is believed to be good, reflecting the data that was submitted, but since data could not be field verified, some uncertainty exists and appropriate caution should be exercised.

Design Overview

RDI designed two Esri file geodatabases in which to store the data: the DNR North Slope (NS) planning infrastructure geodatabase (DNR_NS_Planning_Infrastructure.gdb) and the derived geodatabase (Derived_Map_Layers.gdb).

The feature classes in the DNR_NS_Planning_Infrastructure.gdb preserve detailed information from the source organization. This geodatabase is intended primarily for detailed analysis. Each record in the DNR_NS_Planning_Infrastructure.gdb represents one record in a source feature class.

The derived geodatabase's major purpose is to support map production through streamlining and making it easier to visualize critical information. The Derived_Map_Layers.gdb consists of feature classes that have been derived from the submitted data. Multiple data records from the sources may have been consolidated into a single record. For example, the derived wells layer represents wells within a restricted geographical area by a single point and a count of the number of wells represented by that point. By necessity, the derived layers have much less attribute information than those in DNR_NS_Planning_Infrastructure.gdb.

RDI evaluated all submitted data to develop consolidated feature classes within the DNR NS planning infrastructure geodatabase. The feature classes within DNR_NS_Planning_Infrastructure.gdb preserve the geometry of the source data: point (PT), line (LN), or polygon (PY). This means that all of the spatial information from the source data is preserved in this geodatabase. In contrast, all spatial information in the derived geodatabase has been abstracted to points. Most polygon feature classes are represented by their centroid while the wells were collapsed so all wells in a restricted area are represented by a single point with a number for all of the wells represented by that point. See Appendix 1 for more information on how the derived geodatabase was created.

The DNR_NS_Planning_Infrastructure.gdb feature classes contain all of the attributes that would be valuable for the project goals of surface mapping and analysis. In many cases, all submitted attributes were retained in the final feature classes, but as noted in “Study Limitations,” some attribute information was not valuable for the study purposes. Each feature class entry below identifies if source organization attributes were omitted from the final DNR NS planning infrastructure geodatabase and, if so, a description of the attributes that were omitted during the load process. In all cases, DNR received a copy of the actual data received from the source organization and there are record pointers back to the source data.
The primary functions of the design of the DNR_NS_Planning_Infrastructure.gdb are to be able to easily determine what a feature represents, symbolize it appropriately, and trace the lineage of the feature back to its original source. To these ends, every feature class contains the following:

- **Acquisition_Date** identifies the date on which the source organization submitted the data.
- **Conf** identifies whether a feature was identified as requiring confidential treatment according to the instructions of the data provider.
- **DOG_Type** contains categories provided by DOG. Every feature was successfully assigned one of these categories with no ambiguous features.
- **Source_FC** identifies the name of the feature class (or shape file or other geographic information system [GIS] format file) in which the data were contained from the source organization.
- **Source_OID** contains the original Object ID number of the feature within its source feature class.
- **Source_Org** identifies the organization from which the data were received.
- **Type** field is used for symbolization and identification.

The remaining fields are unique to each feature class. The features had highly variable amounts of attribute data. Some features were provided with an extensive number of descriptive attributes, but often we received no more than simple **Name** and **Type** values.

While we have included an acquisition date identifying when the source organization submitted the data, organizations did not normally provide a status date indicating the data currency. If a source organization provided the status date, the feature class contains a status date column. If there is not a status date column, the converse is true and the source organizations did not provide that data.

In many cases, identical or almost identical features were received from multiple source organizations. We made no attempt to evaluate which of these may have been more spatially accurate or contain better attribute data. All features have been included, but they can be distinguished easily based on their source information.

The primary purpose of Derived_Map_Layers.gdb is to support the generation of the atlas. Given the map scale and tile sizes, full feature representation of all of the map polygons and points resulted in an extremely cluttered map when printed. At DNR’s request, we created point layers for most polygons and created a derived wells layer that consolidates all wells in a geographical area, such as a pad or a few adjacent pads, into a single point with a count of the number of wells. The geoprocessing is described in Appendix 1.

All spatial data is in the Alaska Albers North American Datum 1983 projection.
**Atlas Geodatabase (DNR_NS_Planning_Infrastructure.gdb)**

**Airstrip_pt**

This feature class depicts airstrips as points. These data were provided by DNR DOG, Alaska Department of Transportation and Public Facilities (ADOTPF), and the North Slope Borough. In the atlas the data are displayed as Airstrips. All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes were duplicative, for internal categorization by the source organization or legacy data from other information systems. Omitted attributes are available in the original source organization data files, as identified in the record.

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**Notes:**
- **Source_Org** field contains the organization that provided the data. See the domain table for a list of organizations.
- **Source_FC** field contains the name of the source feature class, computer-aided design (CAD) file, or shape file.
- **Source_OID** field contains the original object ID of the source data.
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This feature class depicts airstrips as polygons. These data were provided by DNR DOG. In the atlas the data are displayed as Airstrips. All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes were duplicative, for internal categorization by the source organization, or legacy data required by other information systems. Omitted attributes are available in the original source organization data files, as identified in the record.

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<td>Area of feature in meters squared.</td>
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**DisposalSites_pt**

This feature class depicts disposal sites as points. These data were provided by Repsol. In the atlas the data are displayed as Landfills (Disposal Sites). All of the records and attribute information from the source organizations are included in this feature class.

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<th>Data Type</th>
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<th>Valid Values</th>
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</tr>
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<td>Source_OID</td>
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</table>
**DisposalSites_py**

This feature class depicts disposal sites as polygons. These data were provided by the North Slope Borough. In the atlas the data are displayed as Landfills (Disposal Sites). All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes were strictly for labelling or from other information systems. Omitted attributes are available in the original source organization data files, as identified in the record.

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<td>Feature geometry.</td>
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<tr>
<td>Name</td>
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<tr>
<td>Operator</td>
<td>Text</td>
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<td>Operator of the site.</td>
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<td>Status</td>
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<td>Status of the feature.</td>
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<td>Type</td>
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<td>Type of feature. Used for display and organization purposes.</td>
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<td>Source_Org</td>
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<td>The organization which provided this data. See domain table.</td>
</tr>
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<td>SHAPE_Area</td>
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<td>Area of feature in meters squared.</td>
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</table>
Easement_py
This feature class depicts easements as polygons. These data were provided by the State Pipeline Coordinator's Office. The data are not displayed in the atlas. All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes contain geoprocessing information from the source organization. Omitted attributes are available in the original source organization data files, as identified in the record.

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<tr>
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<th>Valid Values</th>
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<td>SHAPE</td>
<td>Geometry</td>
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<td>Feature geometry.</td>
</tr>
<tr>
<td>Name</td>
<td>Text</td>
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<td>Name of the feature.</td>
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<tr>
<td>Operator</td>
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<td>50</td>
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<td>Operator of the airstrip.</td>
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<tr>
<td>Desc</td>
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<td>Description of the feature.</td>
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<td>Type of feature. Used for display and organization purposes.</td>
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<td>This identifies if the source organization identified the data as confidential. Y = Yes, N = No.</td>
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<td>Length of feature in meters.</td>
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<tr>
<td>SHAPE_Area</td>
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<td>Area of feature in meters squared.</td>
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</table>
GravelPad_py

This feature class depicts gravel pads as polygons. These data were provided by BP, DNR DOG, Brooks Range Petroleum Corporation, the North Slope Borough, ConocoPhillips Alaska and Repsol. In the atlas the data are displayed as Pads and Roads. All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes contain legacy data from other information systems, organization specific location references without published keys, labelling information, or original lineage information. Omitted attributes are available in the original source organization data files, as identified in the record.

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<td>Feature geometry.</td>
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<tr>
<td>Name</td>
<td>Text</td>
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<td>Name of the feature; sometimes an abbreviation for labeling purposes.</td>
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<tr>
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<td>Description of the feature.</td>
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<td>Full name of the gravel pad. Also the facility name, not abbreviated.</td>
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<td>Operator</td>
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<td>Operator of the gravel pad.</td>
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<td>Purpose</td>
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<td>Purpose of the gravel pad.</td>
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<td>This identifies if the source organization identified the data as confidential. Y = Yes, N = No.</td>
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<tr>
<td>SHAPE_Area</td>
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<td>Area of feature in meters squared.</td>
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MaterialSite_pt

This feature class depicts material sites as points. These data were provided by the Alaska Department of Transportation and Public Facilities. In the atlas the data are displayed as Mine Sites (>= 5 acres). All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes contain information for other information systems. Omitted attributes are available in the original source organization data files, as identified in the record.

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<td>Desc</td>
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<td>Description of the feature.</td>
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<td>Site_ID</td>
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<td>Operator</td>
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<td>Operator of the material site.</td>
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<tr>
<td>Acreage</td>
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<td>Acreage of the site calculated by RDI.</td>
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<tr>
<td>Status</td>
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<td>Quantity of the site in billion cubic yards.</td>
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<tr>
<td>Quality</td>
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<td>Quality of the material.</td>
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<tr>
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<td>Potential of the material site.</td>
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<tr>
<td>Type</td>
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<td>Type of feature. Used for display and organization purposes.</td>
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<tr>
<td>MTRS</td>
<td>Text</td>
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<td>Meridian, Township, Range, Section (MTRS) location of the feature. Calculated by RDI based on the feature’s intersection with MTRS polygons.</td>
</tr>
<tr>
<td>RoadProximity_ft</td>
<td>Double</td>
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<td></td>
<td>Approximate straight-line distance of the material site to the closest road based on received data, in feet. 0 means there is a road to the material site. Calculated by RDI and provided by the Alaska Oil and Gas Conservation Commission (AOGCC).</td>
</tr>
<tr>
<td>Report_URL</td>
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<td>Date of data acquisition.</td>
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</table>
**MaterialSite_py**

This feature class depicts material sites as polygons. These data were provided by the North Slope Borough and the United States Department of Transportation (US DOT). In the atlas the data are displayed as Mine Sites (>= 5 acres). All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes only contain labelling information. Omitted attributes are available in the original source organization data files, as identified in the record.

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<tr>
<td>Desc</td>
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<td>Site_ID</td>
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<td>ADL</td>
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<td>ADL number of the site.</td>
</tr>
<tr>
<td>Operator</td>
<td>Text</td>
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<td></td>
<td>Operator of the material site.</td>
</tr>
<tr>
<td>Acreage</td>
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<td></td>
<td>Acreage of the site calculated by RDI.</td>
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<td>Status</td>
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<td>Status of the feature.</td>
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<td>Quantity of the site.</td>
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<tr>
<td>Quality</td>
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<td>Quality of the material.</td>
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<td>Potential</td>
<td>Text</td>
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<td></td>
<td>Potential of the material site.</td>
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<td>Type of feature. Used for display and organization purposes.</td>
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<td>MTRS</td>
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<td></td>
<td>MTRS location of the feature. Calculated by RDI based on the feature’s intersection with MTRS polygons.</td>
</tr>
<tr>
<td>RoadProximity_ft</td>
<td>Double</td>
<td></td>
<td></td>
<td>Approximate straight-line distance of the material site to the closest road based on received data, in feet. 0 means there is a road to the material site. Calculated by RDI.</td>
</tr>
<tr>
<td>Source_Org</td>
<td>Text</td>
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<td>The organization which provided this data. See domain table.</td>
</tr>
<tr>
<td>Source_FC</td>
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<td>The name of the source feature class, CAD file, or shape file.</td>
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<td>The source data's original object ID.</td>
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<tr>
<td>Conf</td>
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<td>5</td>
<td>Y, N</td>
<td>This identifies if the source organization identified the data as confidential. Y = Yes, N = No.</td>
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<tr>
<td>DOG_Type</td>
<td>Integer</td>
<td>0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11</td>
<td>DNR Division of Oil and Gas data type code. See domain table.</td>
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<tr>
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<td>X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
<tr>
<td>Field Name</td>
<td>Data Type</td>
<td>Length</td>
<td>Valid Values</td>
<td>Description</td>
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<td>--------------</td>
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<td>--------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Centroid_Y</td>
<td>Double</td>
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<td>Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
<tr>
<td>Acquisition_Date</td>
<td>Date</td>
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<td></td>
<td>Date of data acquisition.</td>
</tr>
<tr>
<td>SHAPE_Length</td>
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<td>Length of feature in meters.</td>
</tr>
<tr>
<td>SHAPE_Area</td>
<td>Double</td>
<td></td>
<td></td>
<td>Area of feature in meters squared.</td>
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</table>
Pipeline

This feature class depicts pipeline data as lines. These data were provided by DNR DOG, BP, the North Slope Borough, ConocoPhillips Alaska and the State Pipeline Coordinator's Office. In the atlas the data are displayed as Above Ground Pipelines, Below Ground Pipelines, Proposed Alaska Stand Alone Pipeline (ASAP) (and Liquefied Natural Gas (LNG)), Trans-Alaska Pipeline System (TAPS) Above Ground, TAPS Below Ground, and TAPS Fuel Gas Line (FGL). All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes contained legacy data from other information systems or organization specific location references without published keys. Omitted attributes are available in the original source organization data files, as identified in the record.

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<th>Data Type</th>
<th>Length</th>
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<tr>
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<tr>
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Powerline

This feature class depicts powerline data as lines. These data were provided by BP and ConocoPhillips Alaska. In the atlas the data are displayed as Buried Powerlines and Overhead Powerlines. All of the records and attribute information from the source organizations are included in this feature class.

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**Road_In**

This feature class depicts roads in line format. Data were obtained from DNR DOG, ADOTPF, Geographic Coordinate Database, the North Slope Borough, and Repsol. In the atlas the data are displayed as Primary Road and Secondary Road. All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes contain organization specific location references without published keys, internal symbology information, original lineage information, geometric information that could be derived from this data, or data from other information systems. Omitted attributes are available in the original source organization data files, as identified in the record.

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### Road_py

This feature class depicts roads in polygon format. Data were obtained from Brooks Range Petroleum Corporation. In the atlas the data are displayed as Primary Road and Secondary Road. All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes contain information from other information systems. Omitted attributes are available in the original source organization data files, as identified in the record.

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**Structure_pt**

This feature class depicts structures as points. These data were provided by DNR DOG, ADOTPF, DNR DMLW, BP, ConocoPhillips Alaska and Repsol. In the atlas the data are displayed as Dish Antenna, Tower, Facilities, and Pump Stations. All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes contain original source lineage information, duplicate information or milepost information. Omitted attributes are available in the original source organization data files, as identified in the record.

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Structure_py

This feature class depicts structures as polygons. These data were provided by BP, ConocoPhillips Alaska and the North Slope Borough. In the atlas the data are displayed as Facilities and Drill Site. All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes contain original source lineage information or information derivable from this dataset. Omitted attributes are available in the original source organization data files, as identified in the record.

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**Transportation_pt**

This feature class depicts transportation features as points. These data were provided by DNR DOG and ADOTPF. In the atlas the data are displayed as Harbors and Docks. All of the records from the source organizations are included in this feature class, but some attribute information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes contain original lineage information or information derivable from this dataset. Omitted attributes are available in the original source organization data files, as identified in the record.

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Well_pt

This feature class depicts wells in as points. These data were provided by the North Slope Borough, ConocoPhillips Alaska, AOGCC, and Repsol. In the atlas the data are displayed as Wells (number), where the number represents the number of wells in a 250 meter vicinity.

All of the well locations from the source organizations are included in this feature class, but some attribute and supplemental information was omitted as it was not relevant to the purpose of the data compilation. The omitted attributes contain information derivable from this dataset, location information that could otherwise be derived from GIS, organization specific location references without published keys, duplicate information, and data used by other information systems.

AOGCC provided extensive information in multiple tables for each well, most of which was not necessary for the purposes of cartography and surficial analysis. AOGCC data excluded from this feature class include detailed engineering information, such as bottom hole details, production details, geologic information, permit information, leasing information, and well history information, such as descriptions of the type of work done. All omitted information is available in the original source organization data files, as identified in the record.

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</tr>
<tr>
<td>Status</td>
<td>Text</td>
<td>6</td>
<td></td>
<td>Status of the feature.</td>
</tr>
<tr>
<td>StatusDate</td>
<td>Date</td>
<td></td>
<td></td>
<td>Date of the well status.</td>
</tr>
<tr>
<td>LeaseNum</td>
<td>Text</td>
<td>42</td>
<td></td>
<td>Lease number.</td>
</tr>
<tr>
<td>Type</td>
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<td>35</td>
<td></td>
<td>Type of feature. Used for display and organization purposes.</td>
</tr>
<tr>
<td>Source_Org</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>The organization which provided this data. See domain table.</td>
</tr>
<tr>
<td>Source_FC</td>
<td>Text</td>
<td>30</td>
<td></td>
<td>The name of the source feature class, CAD file, or shape file.</td>
</tr>
<tr>
<td>Source_OID</td>
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<td>The source data's original object ID.</td>
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<td>Field Name</td>
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<td>Length</td>
<td>Valid Values</td>
<td>Description</td>
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<tr>
<td>------------</td>
<td>-----------</td>
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</tr>
<tr>
<td>Conf</td>
<td>Text</td>
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<td>Y, N</td>
<td>This identifies if the source organization identified the data as confidential. Y = Yes, N = No.</td>
</tr>
<tr>
<td>DOG_Type</td>
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<td>DNR Division of Oil and Gas data type code. See domain table.</td>
</tr>
<tr>
<td>Acquisition_Date</td>
<td>Date</td>
<td></td>
<td></td>
<td>Date of data acquisition.</td>
</tr>
</tbody>
</table>

### Derived Map Layers (Derived_Map_Layers.gdb)

**Airstrip_Derived_Merged_pt**

These data depict merged, generalized airstrips as points. Note: these data are intended for display purposes only, as in the data atlas. This was derived from data "Airstrip_pt" and "Airstrip_py." See Appendix 1 for geoprocessing information.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Data Type</th>
<th>Length</th>
<th>Valid Values</th>
<th>Description</th>
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<td>OID</td>
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<td>Internal feature number.</td>
</tr>
<tr>
<td>SHAPE</td>
<td>Geometry</td>
<td></td>
<td></td>
<td>Feature geometry.</td>
</tr>
<tr>
<td>Centroid_X</td>
<td>Double</td>
<td></td>
<td></td>
<td>X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
<tr>
<td>Centroid_Y</td>
<td>Double</td>
<td></td>
<td></td>
<td>Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
</tbody>
</table>
**Airstrip_Derived_pt**

These data depict generalized airstrips as points. Note: these data are intended for display purposes only, as in the data atlas. This was derived from data "Airstrip_py." See Appendix 1 for geoprocessing information.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Data Type</th>
<th>Length</th>
<th>Valid Values</th>
<th>Description</th>
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<tbody>
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<td>OID</td>
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<td></td>
<td>Internal feature number.</td>
</tr>
<tr>
<td>SHAPE</td>
<td>Geometry</td>
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<td></td>
<td>Feature geometry.</td>
</tr>
<tr>
<td>Name</td>
<td>Text</td>
<td>35</td>
<td></td>
<td>Name of the feature.</td>
</tr>
<tr>
<td>Code</td>
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<td>10</td>
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<td>FAA airport code.</td>
</tr>
<tr>
<td>SiteNum</td>
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<td>Site number.</td>
</tr>
<tr>
<td>Type</td>
<td>Text</td>
<td>30</td>
<td></td>
<td>Type of feature. Used for display and organization purposes.</td>
</tr>
<tr>
<td>Operator</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>Operator of the airstrip.</td>
</tr>
<tr>
<td>Length_ft</td>
<td>Double</td>
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<td></td>
<td>Elevation of the airstrip.</td>
</tr>
<tr>
<td>Elev</td>
<td>Double</td>
<td>50</td>
<td></td>
<td>Elevation of the airstrip.</td>
</tr>
<tr>
<td>Status</td>
<td>Text</td>
<td>20</td>
<td></td>
<td>Status of the feature.</td>
</tr>
<tr>
<td>Desc</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>Description of the feature.</td>
</tr>
<tr>
<td>Notes</td>
<td>Text</td>
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<td></td>
<td>Notes about the feature.</td>
</tr>
<tr>
<td>Source_Org</td>
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<td>The organization which provided this data. See domain table.</td>
</tr>
<tr>
<td>Source_FC</td>
<td>Text</td>
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<td></td>
<td>The name of the source feature class, CAD file, or shape file.</td>
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<tr>
<td>Source_OID</td>
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<td>The source data's original object ID.</td>
</tr>
<tr>
<td>Conf</td>
<td>Text</td>
<td>5</td>
<td>Y, N</td>
<td>This identifies if the source organization identified the data as confidential. Y = Yes, N = No.</td>
</tr>
<tr>
<td>DOG_Type</td>
<td>Integer</td>
<td></td>
<td>0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11</td>
<td>DNR Division of Oil and Gas data type code. See domain table.</td>
</tr>
<tr>
<td>Acquisition_Date</td>
<td>Date</td>
<td></td>
<td></td>
<td>Date of data acquisition.</td>
</tr>
<tr>
<td>Centroid_X</td>
<td>Double</td>
<td></td>
<td></td>
<td>X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
<tr>
<td>Centroid_Y</td>
<td>Double</td>
<td></td>
<td></td>
<td>Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
</tbody>
</table>
Clustered_Well_Derived_pt

These data depict clustered wells in point format. Note: these clustered well data are intended for display purposes only, as in the data atlas. This was derived from “Well_pt.” See Appendix 1 for geoprocessing information.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Data Type</th>
<th>Length</th>
<th>Valid Values</th>
<th>Description</th>
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<tbody>
<tr>
<td>OBJECTID</td>
<td>OID</td>
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<td></td>
<td>Internal feature number.</td>
</tr>
<tr>
<td>SHAPE</td>
<td>Geometry</td>
<td></td>
<td></td>
<td>Feature geometry.</td>
</tr>
<tr>
<td>Count</td>
<td>Integer</td>
<td></td>
<td></td>
<td>Count of the number of wells that are clustered at that point.</td>
</tr>
<tr>
<td>Centroid_X</td>
<td>Double</td>
<td></td>
<td></td>
<td>X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
<tr>
<td>Centroid_Y</td>
<td>Double</td>
<td></td>
<td></td>
<td>Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
</tbody>
</table>
DisposalSites_Derived_pt

These data depict generalized disposal sites as points. Note: these data are intended for display purposes only, as in the data atlas. This was derived from "DisposalSites_py." See Appendix 1 for geoprocessing information.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Data Type</th>
<th>Length</th>
<th>Valid Values</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>OBJECTID</td>
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<td></td>
<td>Internal feature number.</td>
</tr>
<tr>
<td>SHAPE</td>
<td>Geometry</td>
<td></td>
<td></td>
<td>Feature geometry.</td>
</tr>
<tr>
<td>Name</td>
<td>Text</td>
<td>35</td>
<td></td>
<td>Name of the feature.</td>
</tr>
<tr>
<td>Operator</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>Operator of the site.</td>
</tr>
<tr>
<td>Status</td>
<td>Text</td>
<td>20</td>
<td></td>
<td>Status of the feature.</td>
</tr>
<tr>
<td>Type</td>
<td>Text</td>
<td>35</td>
<td></td>
<td>Type of feature. Used for display and organization purposes.</td>
</tr>
<tr>
<td>Desc</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>Description of the feature.</td>
</tr>
<tr>
<td>Source_Org</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>The organization which provided this data. See domain table.</td>
</tr>
<tr>
<td>Source_FC</td>
<td>Text</td>
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<td></td>
<td>The name of the source feature class, CAD file, or shape file.</td>
</tr>
<tr>
<td>Source_OID</td>
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<td></td>
<td>The source data's original object ID.</td>
</tr>
<tr>
<td>Conf</td>
<td>Text</td>
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<td>Y, N</td>
<td>This identifies if the source organization identified the data as confidential. Y = Yes, N = No.</td>
</tr>
<tr>
<td>DOG_Type</td>
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<td>0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11</td>
<td>DNR Division of Oil and Gas data type code. See domain table.</td>
<td></td>
</tr>
<tr>
<td>Acquisition_Date</td>
<td>Date</td>
<td></td>
<td></td>
<td>Date of data acquisition.</td>
</tr>
<tr>
<td>Centroid_X</td>
<td>Double</td>
<td></td>
<td></td>
<td>X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
<tr>
<td>Centroid_Y</td>
<td>Double</td>
<td></td>
<td></td>
<td>Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
</tbody>
</table>
**GravelPad_Derived_pt**

These data depict generalized gravel pads as points. Note: these data are intended for display purposes only, as in the data atlas. This was derived from "GravelPad_py." See Appendix 1 for geoprocessing information.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Data Type</th>
<th>Length</th>
<th>Valid Values</th>
<th>Description</th>
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<tbody>
<tr>
<td>OBJECTID</td>
<td>OID</td>
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<td></td>
<td>Internal feature number.</td>
</tr>
<tr>
<td>SHAPE</td>
<td>Geometry</td>
<td></td>
<td></td>
<td>Feature geometry.</td>
</tr>
<tr>
<td>Name</td>
<td>Text</td>
<td>35</td>
<td></td>
<td>Name of the feature; sometimes an abbreviation for labeling purposes.</td>
</tr>
<tr>
<td>Desc</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>Description of the feature.</td>
</tr>
<tr>
<td>FullName</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>Full name of the gravel pad. Also the facility name, not abbreviated.</td>
</tr>
<tr>
<td>Operator</td>
<td>Text</td>
<td>35</td>
<td></td>
<td>Operator of the gravel pad.</td>
</tr>
<tr>
<td>Purpose</td>
<td>Text</td>
<td>25</td>
<td></td>
<td>Purpose of the gravel pad.</td>
</tr>
<tr>
<td>Status</td>
<td>Text</td>
<td>20</td>
<td></td>
<td>Status of the feature.</td>
</tr>
<tr>
<td>Notes</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>Notes about the feature.</td>
</tr>
<tr>
<td>Type</td>
<td>Text</td>
<td>35</td>
<td></td>
<td>Type of feature. Used for display and organization purposes.</td>
</tr>
<tr>
<td>Source_Org</td>
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<td>The organization which provided this data. See domain table.</td>
</tr>
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<td>The name of the source feature class, CAD file, or shape file.</td>
</tr>
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<td>The source data's original object ID.</td>
</tr>
<tr>
<td>Conf</td>
<td>Text</td>
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<td>Y, N</td>
<td>This identifies if the source organization identified the data as confidential. Y = Yes, N = No.</td>
</tr>
<tr>
<td>DOG_Type</td>
<td>Integer</td>
<td></td>
<td>0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11</td>
<td>DNR Division of Oil and Gas data type code. See domain table.</td>
</tr>
<tr>
<td>Acquisition_Date</td>
<td>Date</td>
<td></td>
<td></td>
<td>Date of data acquisition.</td>
</tr>
<tr>
<td>Centroid_X</td>
<td>Double</td>
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<td></td>
<td>X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
<tr>
<td>Centroid_Y</td>
<td>Double</td>
<td></td>
<td></td>
<td>Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
</tbody>
</table>
These data depict generalized material sites as points. Note: these data are intended for display purposes only, as in the data atlas. This was derived from "MaterialSite_py." For the North Slope Borough material site data, there are occasional duplicate records per material site because the original data had polygons for both the interior pad and the material site itself. See Appendix 1 for geoprocessing information.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Data Type</th>
<th>Length</th>
<th>Valid Values</th>
<th>Description</th>
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<tbody>
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<td>OBJECTID</td>
<td>OID</td>
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<td></td>
<td>Internal feature number.</td>
</tr>
<tr>
<td>SHAPE</td>
<td>Geometry</td>
<td></td>
<td></td>
<td>Feature geometry.</td>
</tr>
<tr>
<td>Name</td>
<td>Text</td>
<td>35</td>
<td></td>
<td>Name of the feature.</td>
</tr>
<tr>
<td>Desc</td>
<td>Text</td>
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<td></td>
<td>Description of the feature.</td>
</tr>
<tr>
<td>Site_ID</td>
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<td>Site ID of the material site.</td>
</tr>
<tr>
<td>ADL</td>
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<td></td>
<td>ADL number of the site.</td>
</tr>
<tr>
<td>Operator</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>Operator of the material site.</td>
</tr>
<tr>
<td>Acreage</td>
<td>Double</td>
<td></td>
<td></td>
<td>Acreage of the site calculated by RDI.</td>
</tr>
<tr>
<td>Status</td>
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<td>Status of the feature.</td>
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<td>Quantity</td>
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<td>Quantity of the site.</td>
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<td>Quality</td>
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<td>Quality of the material.</td>
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<td>Potential</td>
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<td></td>
<td>Potential of the material site.</td>
</tr>
<tr>
<td>Type</td>
<td>Text</td>
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<td>Type of feature. Used for display and organization purposes.</td>
</tr>
<tr>
<td>MTRS</td>
<td>Text</td>
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<td></td>
<td>MTRS location of the feature. Calculated by RDI based on the feature’s intersection with MTRS polygons.</td>
</tr>
<tr>
<td>RoadProximity_ft</td>
<td>Double</td>
<td></td>
<td></td>
<td>Approximate straight-line distance of the material site to the closest road based on received data, in feet. 0 means there is a road to the material site. Calculated by RDI.</td>
</tr>
<tr>
<td>Source_Org</td>
<td>Text</td>
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<td>The organization which provided this data. See domain table.</td>
</tr>
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<td>Source_FC</td>
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<td>The name of the source feature class, CAD file, or shape file.</td>
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<tr>
<td>Source_OID</td>
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<td>The source data's original object ID.</td>
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<tr>
<td>Conf</td>
<td>Text</td>
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<td>Y, N</td>
<td>This identifies if the source organization identified the data as confidential. Y = Yes, N = No.</td>
</tr>
<tr>
<td>DOG_Type</td>
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<td>0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11</td>
<td>DNR Division of Oil and Gas data type code. See domain table.</td>
<td></td>
</tr>
<tr>
<td>Centroid_X</td>
<td>Double</td>
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<td></td>
<td>X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
<tr>
<td>Centroid_Y</td>
<td>Double</td>
<td></td>
<td></td>
<td>Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
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<td>Field Name</td>
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<td>Valid Values</td>
<td>Description</td>
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</tr>
<tr>
<td>Acquisition_Date</td>
<td>Date</td>
<td></td>
<td></td>
<td>Date of data acquisition.</td>
</tr>
</tbody>
</table>
Structure_Derived_pt

These data depict generalized structures as points. Note: these data are intended for display purposes only, as in the data atlas. This was derived from "Structure_py." See Appendix 1 for geoprocessing information.

<table>
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<tr>
<th>Field Name</th>
<th>Data Type</th>
<th>Length</th>
<th>Valid Values</th>
<th>Description</th>
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<tbody>
<tr>
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<td>OID</td>
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<td></td>
<td>Internal feature number.</td>
</tr>
<tr>
<td>SHAPE</td>
<td>Geometry</td>
<td></td>
<td></td>
<td>Feature geometry.</td>
</tr>
<tr>
<td>Name</td>
<td>Text</td>
<td>35</td>
<td></td>
<td>Name of the feature.</td>
</tr>
<tr>
<td>Desc</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>Description of the feature.</td>
</tr>
<tr>
<td>Operator</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>Operator of the structure.</td>
</tr>
<tr>
<td>Status</td>
<td>Text</td>
<td>20</td>
<td></td>
<td>Status of the feature.</td>
</tr>
<tr>
<td>Type</td>
<td>Text</td>
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<td></td>
<td>Type of feature. Used for display and organization purposes.</td>
</tr>
<tr>
<td>Source_Org</td>
<td>Text</td>
<td>50</td>
<td></td>
<td>The organization which provided this data. See domain table.</td>
</tr>
<tr>
<td>Source_FC</td>
<td>Text</td>
<td>30</td>
<td></td>
<td>The name of the source feature class, CAD file, or shape file.</td>
</tr>
<tr>
<td>Source_OID</td>
<td>Integer</td>
<td></td>
<td></td>
<td>The source data's original object ID.</td>
</tr>
<tr>
<td>Conf</td>
<td>Text</td>
<td>5</td>
<td>Y, N</td>
<td>This identifies if the source organization identified the data as confidential. Y = Yes, N = No.</td>
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<td>DOG_Type</td>
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<td>DNR Division of Oil and Gas data type code. See domain table.</td>
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</tr>
<tr>
<td>Acquisition_Date</td>
<td>Date</td>
<td></td>
<td></td>
<td>Date of data acquisition.</td>
</tr>
<tr>
<td>Centroid_X</td>
<td>Double</td>
<td></td>
<td></td>
<td>X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
<tr>
<td>Centroid_Y</td>
<td>Double</td>
<td></td>
<td></td>
<td>Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
</tr>
</tbody>
</table>
## Source_Org_Codes

The organization which provided this data. See domain table.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADNR_DOG</td>
<td>Alaska Department of Natural Resources Division of Oil and Gas</td>
</tr>
<tr>
<td>ADNR_DMLW</td>
<td>Alaska Department of Natural Resources Division of Mining, Land &amp; Water</td>
</tr>
<tr>
<td>ADOT_PF</td>
<td>Alaska Department of Transportation and Public Facilities</td>
</tr>
<tr>
<td>BP</td>
<td>BP Exploration Alaska</td>
</tr>
<tr>
<td>BRPC</td>
<td>Brooks Range Petroleum Corporation</td>
</tr>
<tr>
<td>GCDB</td>
<td>Geographic Coordinate Database</td>
</tr>
<tr>
<td>NSB</td>
<td>North Slope Borough</td>
</tr>
<tr>
<td>REPUS</td>
<td>Repsol E&amp;P USA, Inc.</td>
</tr>
<tr>
<td>USDOT</td>
<td>U.S. Department of Transportation</td>
</tr>
<tr>
<td>SPCO</td>
<td>State Pipeline Coordinator's Office</td>
</tr>
<tr>
<td>CPA</td>
<td>ConocoPhillips Alaska</td>
</tr>
<tr>
<td>AOGCC</td>
<td>Alaska Oil and Gas Conservation Commission</td>
</tr>
</tbody>
</table>
**Well_Class_Codes**
Well class codes from AOGCC.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEV</td>
<td>Development</td>
</tr>
<tr>
<td>EXP</td>
<td>Exploratory</td>
</tr>
<tr>
<td>SER</td>
<td>Service</td>
</tr>
<tr>
<td>STR</td>
<td>Stratigraphic Test</td>
</tr>
</tbody>
</table>
**Well_Status_Codes**

Well status codes from AOGCC.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-CBNG</td>
<td>Coal Bed Natural Gas</td>
</tr>
<tr>
<td>1-GAS</td>
<td>Gas well, single completion</td>
</tr>
<tr>
<td>1G-GS</td>
<td>Gas well &amp; Storage well</td>
</tr>
<tr>
<td>1GINJ</td>
<td>Gas injection, single completion</td>
</tr>
<tr>
<td>1G-WD</td>
<td>Gas well &amp; Disposal well, dual comp</td>
</tr>
<tr>
<td>IMHNG</td>
<td>Methane Hydrates Natural Gas</td>
</tr>
<tr>
<td>1O-2G</td>
<td>Oil &amp; gas well, triple comp, 1oil-2gas</td>
</tr>
<tr>
<td>1-OIL</td>
<td>Oil well, single completion</td>
</tr>
<tr>
<td>1O-WI</td>
<td>Oil Well, Alt Wtr Inj, Single Comp</td>
</tr>
<tr>
<td>1-SBNG</td>
<td>Shale Bed Natural Gas</td>
</tr>
<tr>
<td>1WIN2S</td>
<td>Water injection, single pool, two tbg strings</td>
</tr>
<tr>
<td>1WIN3S</td>
<td>Water injection, single pool, three tbg strings</td>
</tr>
<tr>
<td>1WINJ</td>
<td>Water injection, single completion</td>
</tr>
<tr>
<td>2-GAS</td>
<td>Gas well, dual completion</td>
</tr>
<tr>
<td>2G-GS</td>
<td>Gas well (dual) &amp; Storage well</td>
</tr>
<tr>
<td>2O-1G</td>
<td>Oil &amp; gas well, 2oil-1gas, triple comp</td>
</tr>
<tr>
<td>2O-2G</td>
<td>Oil &amp; gas well, 2oil-2gas, quad comp</td>
</tr>
<tr>
<td>2-OIL</td>
<td>Oil well, dual completion</td>
</tr>
<tr>
<td>2WINJ</td>
<td>Water injection, dual completion</td>
</tr>
<tr>
<td>3-GAS</td>
<td>Gas well, triple completion</td>
</tr>
<tr>
<td>3-OG</td>
<td>Oil &amp; gas well, triple completion</td>
</tr>
<tr>
<td>3-OIL</td>
<td>Oil well, triple completion</td>
</tr>
<tr>
<td>ADMA</td>
<td>Administratively abandoned</td>
</tr>
<tr>
<td>CANC</td>
<td>Permit cancelled</td>
</tr>
<tr>
<td>CO-1O</td>
<td>Commingled well (single), oil</td>
</tr>
<tr>
<td>CO-2O</td>
<td>Commingled well (dual), oil</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>-----------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>CO-3G</td>
<td>Commingled well (triple), gas</td>
</tr>
<tr>
<td>CO-3O</td>
<td>Commingled well (triple), oil</td>
</tr>
<tr>
<td>COND</td>
<td>Condensate well, single comp</td>
</tr>
<tr>
<td>EXPIR</td>
<td>Permit expired</td>
</tr>
<tr>
<td>GASSP</td>
<td>Gas supply well</td>
</tr>
<tr>
<td>G-C</td>
<td>Gas &amp; condensate well</td>
</tr>
<tr>
<td>GEOTH</td>
<td>Geothermal</td>
</tr>
<tr>
<td>GI-1O</td>
<td>Gas Inj &amp; Oil Prod, Singl Comp</td>
</tr>
<tr>
<td>GSTOR</td>
<td>Gas storage well</td>
</tr>
<tr>
<td>INFO</td>
<td>Information well</td>
</tr>
<tr>
<td>NGL</td>
<td>Natural Gas Liquids Facility</td>
</tr>
<tr>
<td>OBSW</td>
<td>Observation well</td>
</tr>
<tr>
<td>P&amp;A</td>
<td>Plugged &amp; Abandoned</td>
</tr>
<tr>
<td>PROW</td>
<td>Process well</td>
</tr>
<tr>
<td>RELIF</td>
<td>Relief Well for Blowout</td>
</tr>
<tr>
<td>SI</td>
<td>Shut In</td>
</tr>
<tr>
<td>SPLUG</td>
<td>Surface Plug</td>
</tr>
<tr>
<td>SQZED</td>
<td>Sqzd orig hole w/mult laterals</td>
</tr>
<tr>
<td>SUSP</td>
<td>Suspended well</td>
</tr>
<tr>
<td>UN</td>
<td>Unknown</td>
</tr>
<tr>
<td>WAGIN</td>
<td>Water alt gas injection</td>
</tr>
<tr>
<td>WDSP1</td>
<td>Disposal injection well, Class 1</td>
</tr>
<tr>
<td>WDSP2</td>
<td>Disposal injection well, Class 2</td>
</tr>
<tr>
<td>WTRSP</td>
<td>Water supply well</td>
</tr>
</tbody>
</table>
Appendix 1: Creating the Derived Feature Classes

This appendix describes the geoprocessing techniques used to develop the derived geodatabase. The following table summarizes the source and derived feature classes.

<table>
<thead>
<tr>
<th>Source Feature Classes</th>
<th>Derived Feature Classes</th>
<th>Atlas Legend Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airstrip_pt</td>
<td>Airstrip_Derived_Merged_pt</td>
<td>Airstrips</td>
</tr>
<tr>
<td>Airstrip_py</td>
<td>Airstrip_Derived_pt</td>
<td></td>
</tr>
<tr>
<td>Well_pt</td>
<td>Clustered_Well_Derived_pt</td>
<td>Wells (16)</td>
</tr>
<tr>
<td>DisposalSites_py</td>
<td>DisposalSites_Derived_pt</td>
<td>Landfills (Disposal Sites)</td>
</tr>
<tr>
<td>GravelPad_py</td>
<td>GravelPad_Derived_pt</td>
<td>Pads</td>
</tr>
<tr>
<td>MaterialSite_py</td>
<td>MaterialSite_Derived_pt</td>
<td>Mine Sites (&gt;= 5 acres)</td>
</tr>
<tr>
<td>Structure_py</td>
<td>Structure_Derived_pt</td>
<td>Facilities Drill Pads  Drill Site</td>
</tr>
</tbody>
</table>

The specified North Slope infrastructure feature classes are the sources of the derived feature class as identified in the table below. The X and Y coordinates for the polygon centroids were calculated in ArcMap using the Calculate Geometry functionality. The data were then exported to temporary, intermediate tables. We added these intermediate tables to ArcMap, used the Display XY Data functionality, and exported the resulting events layers to new feature classes in the database Derived_Map_Layers.gdb. We then added these derived feature classes to the ArcMap Atlas mxd and symbolized the data as points.

<table>
<thead>
<tr>
<th>Source Feature Classes</th>
<th>Derived Feature Classes</th>
<th>Atlas Legend Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airstrip_pt</td>
<td>Airstrip_Derived_pt</td>
<td>Airstrips</td>
</tr>
<tr>
<td>DisposalSites_py</td>
<td>DisposalSites_Derived_pt</td>
<td>Landfills (Disposal Sites)</td>
</tr>
<tr>
<td>GravelPad_py</td>
<td>GravelPad_Derived_pt</td>
<td>Pads</td>
</tr>
<tr>
<td>MaterialSite_py</td>
<td>MaterialSite_Derived_pt</td>
<td>Mine Sites (&gt;= 5 acres)</td>
</tr>
<tr>
<td>Structure_py</td>
<td>Structure_Derived_pt</td>
<td>Facilities</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Drill Pads</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Drill Site</td>
</tr>
</tbody>
</table>
**Process: Airstrip_Derived_Merged_pt**

The Airstrip_pt and Airstrip_py feature classes are the sources of the derived feature class as identified in the table below. Airstrips were buffered to 1 mile in order to consolidate multiple representations of a single airstrip from different sources into a single feature. Next, the resulting polygons were dissolved into single part features. We calculated X and Y coordinates for the polygon centroids in ArcMap using the Calculate Geometry functionality. The data were then exported to a temporary intermediate table. We added the intermediate table to ArcMap, used the Display XY Data functionality, and exported the resulting events layer to a new feature class in the database Derived_Map_Layers.gdb. Once the Airstrip_Derived_Merged_pt existed, we added it to the ArcMap Atlas mxd. This layer is identified in the legend as “Airstrips.”
Process: Clustered_Well_Derived_pt

The Well_pt feature class is the source of the Clustered_Well_Derived_pt feature class that aggregates wells within a geographical area to a single point. Well points were buffered to 250 meters. The resulting polygons were dissolved into derived single part polygon features. We then joined these derived polygons to the original Well_pt feature class and calculated the summary and sum value of the join. This represents the count of the wells represented by this derived polygon. We calculated X and Y coordinates of the polygon centroids in ArcMap using the Calculate Geometry functionality. The data were then exported to a temporary intermediate table. We added the temporary table to ArcMap, used the Display XY Data functionality, and exported the resulting events layer to a new feature class in the database Derived_Map_Layers.gdb. We then added the Clustered_Well_Derived_pt to the ArcMap Atlas mxd and symbolized the data as well points labeled by the count of wells calculated previously. The legend entry is Wells (16) where the number is intended to represent that the label indicates the number of wells represented by the point.
RDI contacted candidate organizations that were thought to have potentially pertinent information to this project. The initial list of candidate organizations was designed to include as many organizations as possible, recognizing that many of these organizations might not have relevant data. Beginning in Fall 2013, we sent letters to the organizations listed below. During the next several months, RDI and DNR responded to requests from the organizations for clarification, documented responses indicating that none of the requested information is available, and cataloged the submitted data as it was received.

<table>
<thead>
<tr>
<th>Source Organization</th>
<th>Summary of Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaska Department of Environmental Conservation</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>Alaska Department of Fish and Game</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>Alaska Department of Transportation and Public Facilities</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>Alaska Department of Natural Resources – Division of Mining, Land and Water</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>Alaska Department of Natural Resources – Division of Oil and Gas</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>Alaska Department of Natural Resources – Joint Pipeline Office for TAPS</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>Alaska Oil and Gas Conservation Commission</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>Alyeska Pipeline Company</td>
<td>DNR determined this information was available from the Joint Pipeline Office</td>
</tr>
<tr>
<td>Anadarko Petroleum Corporation</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>Arctic Slope Regional Corporation</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>ASRC Exploration, LLC</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>BP Exploration Alaska</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>Brooks Range Petroleum Corporation</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>ConocoPhillips Alaska</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>ENI Petroleum Company</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>ExxonMobil Corporation</td>
<td>Provided Environmental Impact Statement</td>
</tr>
<tr>
<td>Source Organization</td>
<td>Summary of Response</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Geographic Coordinate Database</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>Great Bear Petroleum, LLC</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>Natural Resources Conservation Service</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>Nordaq Energy, Inc.</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>North Slope Borough</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>Pioneer Natural Resources Alaska, Inc. (Caelus Energy Alaska)</td>
<td>DNR determined no relevant information</td>
</tr>
<tr>
<td>Public Land Survey System</td>
<td>Responded no relevant information that was not provided by another public source</td>
</tr>
<tr>
<td>Repsol E&amp;P USA, Inc.</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>Savant Alaska, LLC</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>Shell Offshore, Inc.</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>U.S. Army Corps of Engineers</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>U.S. Department of Transportation</td>
<td>Provided relevant information</td>
</tr>
<tr>
<td>U.S. Geological Survey</td>
<td>Responded no relevant information</td>
</tr>
<tr>
<td>Ultrastar Exploration, LLC</td>
<td>No longer a potential data source</td>
</tr>
<tr>
<td>University of Alaska Fairbanks</td>
<td>DNR determined no relevant information</td>
</tr>
<tr>
<td>UIC Holdings, LLC</td>
<td>Responded no relevant information that was not provided by another public source</td>
</tr>
</tbody>
</table>
Sample Letter

The following sample letter illustrates the content sent to all source organizations. The specific contact information has been removed as it is no longer valid.

Re: Infrastructure and Material Source Data Collection Contract, TO# 0086-10-13-01, with Resource Data, Inc., 560 E. 34th St, Suite 100, Anchorage, AK 99518

To Whom It May Concern:

The Department of Natural Resources (DNR) has begun a land management planning project for state lands on the North Slope of Alaska. Our firm has been contracted to collect existing digital information on state land that will be used to develop a North Slope management plan. The data collected will be public information unless confidentiality is specifically requested under AS 38.05.035(a)(8). We've attached the authorization from DNR explaining this.

The State is requesting digital location information for material staging and oil and gas operations infrastructure on all state owned and state-selected lands on the North Slope of Alaska, including uplands, shorelands, tidelands, and submerged lands. Please see the attached map for the areas of interest. Typical infrastructure information includes the following:

- Material (sand and gravel) sources
- Roads, by type of road - winter, summer, year-round
- Trails, by type of trail - winter, summer, year-round
- Bridges
- Docks, harbors and other man-made wharfs or structures, public and private
- Offshore structures and causeways, e.g., man-made islands
- Airstrips, public and private, seasonal or year-round
- Pipelines, by type of pipeline - gas, oil, water, multi-phase, etc.
- Transmission lines and utility corridors, by type of transmission line
- Cell towers, or other transmission towers
- Base camps, by type and use of camp
- Drill pads and storage areas
- Processing facilities
- Miscellaneous facilities by type and use of facility (machine shops, support services, etc.)
- Gas compression and storage facilities
- Power facilities
- Tank Farms
- Abandoned well sites
- Waste disposal sites and reserve pits

We are looking for any format of spatial information including spreadsheets or similar files with latitude/longitudes or any of the standard GIS formats. If you have data in the pipeline open data standard (PODS), the State of Alaska has requested that it be submitted in the PODS model.

Please submit any data that your organization has that can help us in compiling information for DNR, for use with this project by October 1. You may upload your data to our file storage location. If you would like to use this, please contact <name was provided> at <phone number>
and she will provide a logon and instructions. If your data is available for download, please let us know and we will download it. Alternatively, you may send us hard drives, usb thumb drives, or other physical media. You can mail these to our main office in Anchorage, at the following address:

Resource Data, Inc.
560 E. 34th St.
Suite 100
Anchorage, AK 99503

Please let us know if you want your physical media returned. In the event that the data is only contained on physical maps, we can also receive those by mail. We will not return physical maps as we must submit them to the state.

Your assistance in helping us gather this data is greatly appreciated. Thank you for your cooperation. We look forward to working with you.

If you have any questions please contact <contact info>.

Sincerely,

<name was provided>
Programmer/Analyst
Resource Data, Inc.
(907) 770-4100
<email was provided>
July 23, 2013

Re: Infrastructure and Material Source Data Collection Contract, TO# 0086-10-13-01, with Resource Data, Inc., 1205 East International Airport Road #100, Anchorage, AK 99518

To Whom It May Concern:

The Department of Natural Resources (DNR) has begun a land management planning project for state lands on the North Slope of Alaska. The DNR contracted with two firms to collect certain existing digital information on state land that will be used to develop a North Slope management plan. The data collected will be public information unless confidentiality is specifically requested under AS 38.05.035(a)(8).

This letter certifies that Resource Data, Inc. is under contract with the State of Alaska and in that capacity, acts as the State’s agent to compile existing infrastructure and facility location information, and material (sand and gravel) source information on all state owned and state-selected lands (including uplands, shorelands, tidelands, and submerged lands) on the North Slope of Alaska. This information will be used by the state to manage state land uses through preparation of a management plan for this area, and will be used in its on-going management of activities on state land.

Your assistance in making available for inspection all relevant data and records relative to operations, surveys or investigations on your leased areas in response to subject-specific requests from Resource Data, Inc., is requested and appreciated. In particular, the DNR is compiling digital location information for oil and gas facilities including drill pads, pipelines, gathering lines, roads, docks, causeways, material sites (known or planned), base camps, waste disposal sites, air strips, and any other facility necessary for oil and gas operations. Thank you for your cooperation.

If you have any questions please contact Wendy Woolf, (907) 269-8779, wendy.woolf@alaska.gov, or Sara Longan, (907) 269-8732, sara.longan@alaska.gov.

Sincerely,

W. C. Barron

Cc: Bruce Phelps, DMLW

"To responsibly develop Alaska's resources by making them available for maximum use and benefit consistent with the public interest."
## Appendix 3: List of Acronyms

The following table defines acronyms used in this document.

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADL</td>
<td>Alaska Division of Lands (previous name for the DMLW land management group)</td>
</tr>
<tr>
<td>ADOTPF</td>
<td>Alaska Department of Transportation and Public Facilities</td>
</tr>
<tr>
<td>AOGCC</td>
<td>Alaska Oil and Gas Conservation Commission</td>
</tr>
<tr>
<td>API</td>
<td>American Petroleum Institute</td>
</tr>
<tr>
<td>ASAP</td>
<td>Alaska Stand Alone Pipeline</td>
</tr>
<tr>
<td>CAD</td>
<td>Computer-aided Design</td>
</tr>
<tr>
<td>DOG</td>
<td>Division of Oil and Gas</td>
</tr>
<tr>
<td>DNR</td>
<td>Alaska Department of Natural Resources</td>
</tr>
<tr>
<td>DMLW</td>
<td>Division of Mining, Land and Water</td>
</tr>
<tr>
<td>FAA</td>
<td>Federal Aviation Administration</td>
</tr>
<tr>
<td>FC</td>
<td>Feature Class</td>
</tr>
<tr>
<td>FGL</td>
<td>Fuel Gas Line</td>
</tr>
<tr>
<td>GIS</td>
<td>Geographic Information System</td>
</tr>
<tr>
<td>LN</td>
<td>Line (Esri geometry type)</td>
</tr>
<tr>
<td>LNG</td>
<td>Liquefied Natural Gas</td>
</tr>
<tr>
<td>MTRS</td>
<td>Meridian, Township, Range, Section</td>
</tr>
<tr>
<td>NS</td>
<td>North Slope</td>
</tr>
<tr>
<td>PDF</td>
<td>Portable Document Format</td>
</tr>
<tr>
<td>PODS</td>
<td>Pipeline Open Data Standards</td>
</tr>
<tr>
<td>PT</td>
<td>Point (Esri geometry type)</td>
</tr>
<tr>
<td>PY</td>
<td>Polygon (Esri geometry type)</td>
</tr>
<tr>
<td>RDI</td>
<td>Resource Data, Inc</td>
</tr>
<tr>
<td>TAPS</td>
<td>Trans-Alaska Pipeline System</td>
</tr>
<tr>
<td>USDOT</td>
<td>United States Department of Transportation</td>
</tr>
</tbody>
</table>
Appendix 4: Metadata

This appendix contains the metadata for all of the feature classes and all of the georeferenced pdf’s in the two geodatabases: DNR_NS_Planning_Infrastructure.gdb and Derived_Map_Layers.gdb.
Section 1 - Feature Class Metadata

Airstrips; Points Metadata

- Identification_Information
- Data_Quality_Information
- Spatial_Data_Organization_Information
- Spatial_Reference_Information
- Entity_and_Attribute_Information
- Metadata_Reference_Information

Identification_Information:
Citation:
Publication_Date: 20140113
Publication_Time: 020000
Title: Airstrips; Points
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract: These data depict airstrips in point format.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_BoundingCoordinate: -180.000000
East_BoundingCoordinate: 180.000000
North_BoundingCoordinate: 71.310271
South_BoundingCoordinate: 51.730300
Keywords:
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: Airstrip
Theme_Keyword: Alaska
Theme_Keyword: North Slope
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: transportation
Theme_Keyword: location
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.

Point_of_Contact:

Contact_Information:
Contact_Organization_Primary:
Contact_Organization: AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Data_Quality_Information:
Logical_Conistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from ADNR DOG, ADOT PF, and North Slope Borough. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 469

Spatial_Reference_Information:
HorizontalCoordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: Airstrip_pt
Entity_Type_Definition: Airstrip data in point format provided by the source organizations.
Entity_Type_Definition_Source: RDI
Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: Code
Attribute_Definition: FAA airport code.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: FAA airport code.
Attribute:
Attribute_Label: SiteNum
Attribute_Definition: Site number.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Site number.
Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: Length_ft
Attribute_Definition: Length of the airstrip in feet.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Length of the airstrip in feet.
Attribute:
Attribute_Label: Elev
Attribute_Definition: Elevation of the airstrip.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Elevation of the airstrip.
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the airstrip.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the airstrip.
Attribute:
Attribute_Label: Notes
Attribute_Definition: Notes about the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Notes about the feature.
Attribute:
Attribute_Label: Status
Attribute_Definition: Status of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Status of the feature.
Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: Conf
Attribute_Definition: This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Attribute:
Attribute_LABEL: DOG_Type
Attribute_DEFINITION: ADNR Division of Oil and Gas data type code.
Attribute_DEFINITION_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
  Enumerated_Domain_Value: 5
  Enumerated_Domain_Value_Definition: Electrical
  Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
  Enumerated_Domain_Value: 6
  Enumerated_Domain_Value_Definition: Telephone
  Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
  Enumerated_Domain_Value: 7
  Enumerated_Domain_Value_Definition: Landing strip
  Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
  Enumerated_Domain_Value: 8
  Enumerated_Domain_Value_Definition: Pipeline
  Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
  Enumerated_Domain_Value: 9
  Enumerated_Domain_Value_Definition: Forest Development Road
  Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
  Enumerated_Domain_Value: 10
  Enumerated_Domain_Value_Definition: Alaska Marine Highway
  Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
  Enumerated_Domain_Value: 11
  Enumerated_Domain_Value_Definition: Fiberoptic
  Enumerated_Domain_Value_Definition_Source: ADNR DOG

Attribute:
  Attribute_Label: Acquisition_Date
  Attribute_Definition: Date of data acquisition.
  Attribute_Definition_Source: RDI

Overview_Description:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations.
The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
  Metadata_Date: 20140226
  Metadata_Contact:
  Contact_Information:
Identification Information:
Citation:
Publication_Date: 20140113
Publication_Time: 020000
Title: Airstrips; Polygons
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract: These data depict airstrips in polygon format.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -162.238476
East_Bounding_Coordinate: -141.736883
North_Bounding_Coordinate: 71.360754
South_Bounding_Coordinate: 67.794141
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: Airstrip
Theme_Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.

Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST

Data_Quality_Information:
Logical_Consistency_Report: Unknown

AK DNR DMLW and DOG
North Slope Planning Area
Geospatial Infrastructure Data
March 31, 2014
Lineage:
Process_Step:
Process_Description:
Data were obtained from ADNR DOG. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains
Point_and_Vector_Object_Count: 50

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conic_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0

Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
Planar_Distance_Units:

Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: Airstrip_py
Entity_Type_Definition:
Airstrip data in polygon format provided by the source organizations.
Entity_Type_Definition_Source: RDI
<table>
<thead>
<tr>
<th>Attribute:</th>
<th>Attribute_Label: Source_OID</th>
<th>Attribute_Definition: The source data's original object ID.</th>
<th>Attribute_Definition_Source: RDI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attribute:</td>
<td>Attribute_Label: Desc</td>
<td>Attribute_Definition: Description of the feature.</td>
<td>Attribute_Definition_Source: RDI</td>
</tr>
<tr>
<td>Attribute:</td>
<td>Attribute_Label: DOG_Type</td>
<td>Attribute_Definition: ADNR Division of Oil and Gas data type code.</td>
<td>Attribute_Definition_Source: ADNR DOG</td>
</tr>
</tbody>
</table>

**Attribute Domain Values:**

- **Enumerated_Domain: Unknown infrastructure**
  - **Enumerated_Domain_Value: 0**
  - **Enumerated_Domain_Value_Definition_Source: ADNR DOG**

- **Enumerated_Domain: Railroad**
  - **Enumerated_Domain_Value: 4**
  - **Enumerated_Domain_Value_Definition_Source: ADNR DOG**

- **Enumerated_Domain: Highway**
  - **Enumerated_Domain_Value: 1**
  - **Enumerated_Domain_Value_Definition_Source: ADNR DOG**

- **Enumerated_Domain: Secondary Road**
  - **Enumerated_Domain_Value: 2**
  - **Enumerated_Domain_Value_Definition_Source: ADNR DOG**

- **Enumerated_Domain: Forest Development Road**
  - **Enumerated_Domain_Value: 9**
  - **Enumerated_Domain_Value_Definition_Source: ADNR DOG**

- **Enumerated_Domain: Landing strip**
  - **Enumerated_Domain_Value: 7**
  - **Enumerated_Domain_Value_Definition_Source: ADNR DOG**

- **Enumerated_Domain: Trail**
  - **Enumerated_Domain_Value: 3**
  - **Enumerated_Domain_Value_Definition_Source: ADNR DOG**

- **Enumerated_Domain: 10**
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Attribute:
 Attribute_Label: Operator
 Attribute_Definition: Operator of the airstrip.
 Attribute_Definition_Source: RDI
 Attribute_Domain_Values:
 Unrepresentable_Domain: Operator of the airstrip.
 Attribute:
 Attribute_Label: Conf
 Attribute_Definition: This identifies if the source organization identified the data as confidential.
 Attribute_Definition_Source: RDI
 Attribute_Domain_Values:
 Enumerated_Domain:
 Enumerated_Domain_Value: N
 Enumerated_Domain_Value_Definition: Data is not confidential.
 Enumerated_Domain_Value_Definition_Source: RDI
 Enumerated_Domain:
 Enumerated_Domain_Value: Y
 Enumerated_Domain_Value_Definition: Data is confidential.
 Enumerated_Domain_Value_Definition_Source: RDI
 Attribute:
 Attribute_Label: SiteNum
 Attribute_Definition: Site number.
 Attribute_Definition_Source: RDI
 Attribute_Domain_Values:
 Unrepresentable_Domain: Site number.
 Attribute:
 Attribute_Label: SHAPE
 Attribute_Definition: Feature geometry.
<table>
<thead>
<tr>
<th>Attribute_Label</th>
<th>Attribute_Definition</th>
<th>Attribute_Definition_Source</th>
<th>Attribute_Domain_Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBJECTID</td>
<td>Internal feature number.</td>
<td>Esri</td>
<td>Sequential unique whole numbers that are automatically generated by the GIS application.</td>
</tr>
<tr>
<td>Elev</td>
<td>Elevation of the airstrip.</td>
<td>RDI</td>
<td>Elevation of the airstrip.</td>
</tr>
<tr>
<td>Length_ft</td>
<td>Length of the airstrip in feet.</td>
<td>RDI</td>
<td>Length of the airstrip in feet.</td>
</tr>
<tr>
<td>Name</td>
<td>Name of the feature.</td>
<td>RDI</td>
<td>Name of the feature.</td>
</tr>
</tbody>
</table>
Attribute:  
Attribute_Label: Code  
Attribute_Definition: FAA airport code.  
Attribute_Definition_Source: RDI  
Attribute_Domain_Values:  
Unrepresentable_Domain: FAA airport code.
Attribute:  
Attribute_Label: Type  
Attribute_Definition: Type of feature. Used for display and organization purposes.  
Attribute_Definition_Source: RDI  
Attribute_Domain_Values:  
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:  
Attribute_Label: Source_FC  
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.  
Attribute_Definition_Source: RDI  
Attribute_Domain_Values:  
Unrepresentable_Domain: Name of source featureclass.
Attribute:  
Attribute_Label: SHAPE_Length  
Attribute_Definition: Length of feature in internal units.  
Attribute_Definition_Source: Esri  
Attribute_Domain_Values:  
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:  
Attribute_Label: SHAPE_Area  
Attribute_Definition: Area of feature in internal units squared.  
Attribute_Definition_Source: Esri  
Attribute_Domain_Values:  
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:  
Attribute_Label: Acquisition_Date  
Attribute_Definition: Date of data acquisition.  
Attribute_Definition_Source: RDI  
Attribute:  
Attribute_Label: Centroid_X
Attribute:  
Attribute_Label: Centroid_Y
Overview_Description:  
Entity_and_Attribute_Overview:  
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from
source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

**Metadata_Reference_Information:**
*Metadata_Date:* 20140226  
*Contact_Organization_Primary:* Resource Data, Inc.  
*Contact_Organization:* Resource Data, Inc.  
*Contact_Person:* Bixler McClure  
*Contact_Position:* GIS Programmer/Analyst  
*Address_Type:* mailing and physical  
*Address:* 560 E. 34th Ave., Suite 100  
*City:* Anchorage  
*State_or_Province:* AK  
*Postal_Code:* 99503  
*Country:* US  
*Contact_Voice_Telephone:* 907-563-8100  
*Contact_Facsimile_Telephone:* 907-561-0159  
*Contact_Electronic_Mail_Address:* bmcclure@resdat.com  
*Metadata_Standard_Name:* FGDC Content Standard for Digital Geospatial Metadata  
*Metadata_Time_Convention:* local time

---

Generated by `mp version 2.9.12` on Tue Mar 18 09:48:39 2014
Disposal Sites; Points Metadata

- Identification_Information
- Data_Quality_Information
- Spatial_Data_Organization_Information
- Spatial_Reference_Information
- Entity_and_Attribute_Information
- Metadata_Reference_Information

Identification_Information:
Citation:
Publication_Date: 20140113
Publication_Time: 020000
Title: Disposal Sites; Points
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract: These data depict disposal sites in point format.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -148.523052
East_Bounding_Coordinate: -148.523052
North_Bounding_Coordinate: 70.293535
South_Bounding_Coordinate: 70.293535
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: Disposal
Theme_Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process Step:
Data were obtained from Repsol. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.
Process Date: 20140110

Spatial Data Organization Information:
Direct Spatial Reference Method: Vector
Point and Vector Object Information:
SDTS Terms Description:
SDTS Point and Vector Object Type: Entity point
Point and Vector Object Count: 1

Spatial Reference Information:
Horizontal Coordinate System Definition:
Planar:
Map Projection:
Map Projection Name: Albers Conical Equal Area
Albers Conical Equal Area:
Standard Parallel: 55.0
Standard Parallel: 65.0
Longitude of Central Meridian: -154.0
Latitude of Projection Origin: 50.0
False Easting: 0.0
False Northing: 0.0
Planar Coordinate Information:
Planar Coordinate Encoding Method: coordinate pair
Coordinate Representation:
Abscissa Resolution: 0.0001
Ordinate Resolution: 0.0001
Planar Distance Units:
Geodetic Model:
Horizontal Datum Name: D North American 1983
Ellipsoid Name: GRS 1980
Semi-major Axis: 6378137.0
Denominator of Flattening Ratio: 298.257222101

Entity and Attribute Information:
Detailed Description:
Entity Type:
Entity Type Label: DisposalSites_pt
Entity Type Definition:
Disposal sites data in point format provided by the source organizations.
Entity Type Definition Source: RDI
Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the site.
Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
<table>
<thead>
<tr>
<th>Enumerated_Domain</th>
<th>Enumerated_Domain_Value</th>
<th>Enumerated_Domain_Value_Definition</th>
<th>Enumerated_Domain_Value_Definition_Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiberoptic</td>
<td>11</td>
<td>Data is confidential.</td>
<td>RDI</td>
</tr>
<tr>
<td>Forest Development Road</td>
<td>9</td>
<td>Data is not confidential.</td>
<td>RDI</td>
</tr>
<tr>
<td>Pipeline</td>
<td>8</td>
<td>Data is confidential.</td>
<td>RDI</td>
</tr>
<tr>
<td>Trail</td>
<td>3</td>
<td>Data is not confidential.</td>
<td>RDI</td>
</tr>
<tr>
<td>Unknown infrastructure</td>
<td>0</td>
<td>Data is confidential.</td>
<td>RDI</td>
</tr>
<tr>
<td>Electrical</td>
<td>5</td>
<td>Data is not confidential.</td>
<td>RDI</td>
</tr>
</tbody>
</table>

**Attribute:**

**Attribute_Label:** Conf
**Attribute_Definition:** This identifies if the source organization identified the data as confidential.
**Attribute_Definition_Source:** RDI

**Attribute:**

**Attribute_Label:** Status
**Attribute_Definition:** Status of the feature.
**Attribute_Definition_Source:** RDI

**Attribute:**

**Attribute_Label:** OBJECTID
**Attribute_Definition:** Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
  Unrepresentable_Domain:
  Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
  Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
  Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
  Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
  Unrepresentable_Domain: Source object ID.
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
  Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI
Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from
source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

 Metadata_Reference_Information:  
 Metadata_Date: 20140226  
 Metadata_Contact:  
 Contact_Information:  
 Contact_Organization_Primary:  
 Contact_Organization: Resource Data, Inc.  
 Contact_Person: Bixler McClure  
 Contact_Position: GIS Programmer/Analyst  
 Contact_Address:  
 Address_Type: mailing and physical  
 Address: 560 E. 34th Ave., Suite 100  
 City: Anchorage  
 State_or_Province: AK  
 Postal_Code: 99503  
 Country: US  
 Contact_Voice_Telephone: 907-563-8100  
 Contact_Facsimile_Telephone: 907-561-0159  
 Contact_Electronic_Mail_Address: bmcclure@resdat.com  
 Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata  
 Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:40 2014
Disposal Sites; Polygons Metadata

- **Identification Information**
- **Data Quality Information**
- **Spatial Data Organization Information**
- **Spatial Reference Information**
- **Entity and Attribute Information**
- **Metadata Reference Information**

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**Identification Information:**

**Citation:**

**Publication Date:** 20140113

**Publication Time:** 020000

**Title:** Disposal Sites; Polygons

**Geospatial Data Presentation Form:** vector digital data

**Description:**

**Abstract:** These data depict disposal sites in polygon format.

**Purpose:**

This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

**Status:**

**Progress:** Complete

**Maintenance and Update Frequency:** None planned

**Spatial Domain:**

**Bounding Coordinates:**

**West Bounding Coordinate:** -148.530534

**East Bounding Coordinate:** -148.509386

**North Bounding Coordinate:** 70.290697

**South Bounding Coordinate:** 70.284790

**Keywords:**

**Theme:**

**Theme Keyword Thesaurus:** ISO 19115 Topic Categories

**Theme Keyword:** location

**Theme Keyword:** structure

**Theme Keyword:** utilitiesCommunication

**Theme Keyword:** transportation

**Theme Keyword:** planningCadastre

**Theme:**

**Theme Keyword Thesaurus:** Unknown

**Theme Keyword:** Disposal

**Theme Keyword:** Alaska

**Theme Keyword:** North Slope

**Temporal:**
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:

Process_Description:
Data were obtained from the North Slope Borough. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.

Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains
Point_and_Vector_Object_Count: 1

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: DisposalSites_py
Entity_Type_Definition:
Disposal sites data in polygon format provided by the source organizations.
Entity_Type_Definition_Source: RDI
Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.

Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.

Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the site.

Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Attribute:
Attribute_Label: Conf
Attribute_Definition:
This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Attribute:
Attribute_Label: Status
Attribute_Definition: Status of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Status of the feature.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: SHAPE_Length
Attribute_Definition: Length of feature in internal units.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: SHAPE_Area
Attribute_Definition: Area of feature in internal units squared.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI

Attribute:
Attribute_Label: Centroid_X

Attribute:
Attribute_Label: Centroid_Y

Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:40 2014
Identification_Information:

Citation:

Citation_Information:

Publication_Date: 20140113
Publication_Time: 020000

Title: Easements; Polygons

Geospatial_Data_Presentation_Form: vector digital data

Description:

Abstract: These data depict easements in polygon format.

Purpose:

This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Bounding_Coordinates:

West_BoundingCoordinate: -147.110398
East_BoundingCoordinate: -146.258764
North_BoundingCoordinate: 70.203844
South_BoundingCoordinate: 70.098551

Keywords:

Theme:

Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: planningCadastre
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: location
Theme_Keyword: transportation
Theme:

Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: Easements
Theme_Keyword: Alaska
Theme_Keyword: North Slope

Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.

Point_of_Contact:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:

Process Step:

Process Description:
Data were obtained from the State Pipeline Coordinator's Office. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.

Process Date: 20140110

Spatial Data Organization Information:
Direct Spatial Reference Method: Vector

Point and Vector Object Information:
SDTS Terms Description:
SDTS Point and Vector Object Type: GT-polygon composed of chains
Point and Vector Object Count: 2

Spatial Reference Information:
Horizontal Coordinate System Definition:
Planar:
Map Projection:
Map Projection Name: Albers Conical Equal Area
Albers Conical Equal Area:
Standard Parallel: 55.0
Standard Parallel: 65.0
Longitude of Central Meridian: -154.0
Latitude of Projection Origin: 50.0
False Easting: 0.0
False Northing: 0.0
Planar Coordinate Information:
Planar Coordinate Encoding Method: coordinate pair
Coordinate Representation:
Abscissa Resolution: 0.0001
Ordinate Resolution: 0.0001
Planar Distance Units:
Geodetic Model:
Horizontal Datum Name: D North American 1983
Ellipsoid Name: GRS 1980
Semi-major Axis: 6378137.0
Denominator of Flattening Ratio: 298.257222101

Entity and Attribute Information:
Detailed Description:
Entity Type:
Entity Type Label: Easement_py
Entity Type Definition:
Easement data in polygon format provided by the source organizations.
Entity_Type_Definition_Source: RDI
Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the airstrip.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the easement.

Attribute:
Attribute_Label: Conf
Attribute_Definition: This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI

Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute_Label: SHAPE_Length
Attribute_Definition: Length of feature in internal units.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: SHAPE_Area
Attribute_Definition: Area of feature in internal units squared.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI
Attribute:
Attribute_Label: Centroid_X
Attribute: Centroid_Y
Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
  Contact_Information:
  Contact_Organization_Primary:
  Contact_Organization: Resource Data, Inc.
  Contact_Person: Bixler McClure
  Contact_Position: GIS Programmer/Analyst
  Contact_Address:
     Address_Type: mailing and physical
     Address: 560 E. 34th Ave., Suite 100
     City: Anchorage
     State_or_Province: AK
     Postal_Code: 99503
     Country: US
     Contact_Voice_Telephone: 907-563-8100
     Contact_Facsimile_Telephone: 907-561-0159
     Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:40 2014
Gravel Pads; Polygons Metadata

- **Identification Information**
- **Data Quality Information**
- **Spatial Data Organization Information**
- **Spatial Reference Information**
- **Entity and Attribute Information**
- **Metadata Reference Information**

**Identification Information:**
- **Citation:**
  - **Publication Date:** 20140113
  - **Publication Time:** 020000
  - **Title:** Gravel Pads; Polygons
  - **Geospatial Data Presentation Form:** vector digital data
  - **Description:** These data depict gravel pads in polygon format.
  - **Abstract:**
  - **Purpose:** This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
  - **Status:**
  - **Progress:** Complete
  - **Maintenance and Update Frequency:** None planned
- **Spatial Domain:**
  - **Bounding Coordinates:**
    - **West Bounding Coordinate:** -152.257960
    - **East Bounding Coordinate:** -140.802571
    - **North Bounding Coordinate:** 70.842849
    - **South Bounding Coordinate:** 68.071614
  - **Keywords:**
    - **Theme:**
      - **Theme Keyword Thesaurus:** ISO 19115 Topic Categories
      - **Theme Keyword:** location
      - **Theme Keyword:** structure
      - **Theme Keyword:** utilitiesCommunication
      - **Theme Keyword:** transportation
      - **Theme Keyword:** planningCadastre
  - **Temporal:**
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Constancy_Report: Unknown
Lineage:

Process_Step:

Process_Description:
Data were obtained from BP, ADNR DOG, Brooks Range Petroleum Corporation, North Slope Borough, ConocoPhillips Alaska, and Repsol. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.

Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains
Point_and_Vector_Object_Count: 1457

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Encoding_Method:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: GravelPad_py
Entity_Type_Definition:
Gravel pad data in polygon format provided by the source organizations.
Entity_TypeDefinition_Source: RDI
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: SHAPE_Length
Attribute_Definition: Length of feature in internal units.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.

Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature; sometimes an abbreviation for labeling purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature; sometimes an abbreviation for labelling purposes.

Attribute:
Attribute_Label: OBJECTID
**Attribute Definition:** Internal feature number.
**Attribute Definition Source:** Esri

**Attribute Domain Values:**
**Unrepresentable Domain:** Sequential unique whole numbers that are automatically generated by the GIS application.

**Attribute:**
**Attribute Label:** Status
**Attribute Definition:** Status of the feature.
**Attribute Definition Source:** RDI

**Attribute Domain Values:**
**Unrepresentable Domain:** Status of the feature.

**Attribute:**
**Attribute Label:** Purpose
**Attribute Definition:** Purpose of the gravel pad.
**Attribute Definition Source:** RDI

**Attribute Domain Values:**
**Unrepresentable Domain:** Purpose of the gravel pad.

**Attribute:**
**Attribute Label:** Conf
**Attribute Definition:** This identifies if the source organization identified the data as confidential.
**Attribute Definition Source:** RDI

**Attribute Domain Values:**
**Enumerated Domain:**
**Enumerated Domain Value:** Y
**Enumerated Domain Value Definition:** Data is confidential.
**Enumerated Domain Value Definition Source:** RDI

**Attribute:**
**Attribute Label:** FullName
**Attribute Definition:** Full name of the gravel pad. Also the facility name, not abbreviated.
**Attribute Definition Source:** RDI

**Attribute Domain Values:**
**Unrepresentable Domain:** Full name of the gravel pad. Also the facility name, not abbreviated.

**Attribute:**
**Attribute Label:** Desc
**Attribute Definition:** Description of the feature.
**Attribute Definition Source:** RDI

**Attribute Domain Values:**
**Unrepresentable Domain:** Description of the feature.
Attribute Label: Operator
Attribute Definition: Operator of the gravel pad.
Attribute Definition Source: RDI
Attribute Domain Values:
Unrepresentable Domain: Operator of the gravel pad.
Attribute:
Attribute Label: SHAPE_Area
Attribute Definition: Area of feature in internal units squared.
Attribute Definition Source: Esri
Attribute Domain Values:
Unrepresentable Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute Label: Type
Attribute Definition: Type of feature. Used for display and organization purposes.
Attribute Definition Source: RDI
Attribute Domain Values:
Unrepresentable Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute Label: Acquisition_Date
Attribute Definition: Date of data acquisition.
Attribute Definition Source: RDI
Attribute:
Attribute Label: Centroid_X
Attribute:
Attribute Label: Centroid_Y
Overview Description:
Entity and Attribute Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata Reference Information:
Metadata Date: 20140226
Metadata Contact:
Contact Information:
Contact Organization Primary:
Contact Organization: Resource Data, Inc.
Contact Person: Bixler McClure
Contact Position: GIS Programmer/Analyst
Contact Address:
Address Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
Material Sites; Points Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Entity and Attribute Information
- Metadata Reference Information

Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title: Material Sites; Points
Geospatial Data Presentation Form: vector digital data
Description:
Abstract: These data depict material sites in point format.

Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

Status:
Progress: Complete
Maintenance and Update Frequency: None planned

Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -149.579110
East Bounding Coordinate: -148.418579
North Bounding Coordinate: 70.312279
South Bounding Coordinate: 68.390722
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: location
Theme Keyword: structure
Theme Keyword: utilitiesCommunication
Theme Keyword: transportation
Theme Keyword: planningCadastre
Theme:
Theme Keyword Thesaurus: Unknown
Theme Keyword: Alaska
Theme Keyword: North Slope
Theme Keyword: Material sites

Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact Person: GIS Public Access Coordinator
Contact Position: GIS Public Access Coordinator
Contact Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact Person: GIS Public Access Coordinator
Contact Position: GIS Public Access Coordinator
Contact Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from the Alaska Department of Transportation and Public Facilities. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information. MTRS information was added from BLM polygon data.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 38

Spatial_Reference_Information:
HorizontalCoordinateSystemDefinition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
PlanarCoordinateInformation:
PlanarCoordinateEncodingMethod: coordinate pair
CoordinateRepresentation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
PlanarDistanceUnits:
GeodeticModel:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: MaterialSite_pt
Entity_Type_Definition:
Material site data in point format provided by the source organizations.
Entity_Type_Definition_Source: RDI

Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.

Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.

Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Attribute:
Attribute_Label: Site_ID
Attribute_Definition: Site ID of the material site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Site ID of the material site.

Attribute:
Attribute_Label: ADL
Attribute_Definition: ADL number of the site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: ADL number of the site.

Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.

Attribute:
Attribute_Label: Acreage
Attribute_Definition: Acreage of the site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Acreage of the site.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: Quantity
Attribute_Definition: Quantity of the site in billion cubic yards.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Quantity of the site in billion cubic yards.
Attribute:
Attribute_Label: Quality
Attribute_Definition: Quality of the material.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Quality of the material.
Attribute:
Attribute_Label: Potential
Attribute_Definition: Potential of the material site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Potential of the material site.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: Status
Attribute_Definition: Status of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Status of the feature.
Attribute:
Attribute_Label: Conf
Attribute_Definition: This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the material site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the material site.
Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute_Label: MTRS
Attribute_Definition:
MTRS location of the feature. Calculated by RDI based on MTRS polygons.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: MTRS location of the feature.
Attribute:
Attribute_Label: Report_URL
Attribute_Definition:
Approximate straight-line distance of the material site to the closest road based on received data, in feet. 0 means there is a road to the material site. Calculated by RDI and provided by AOGCC.
Attribute_Definition_Source: RDI
Attribute:
Attribute_Label: RoadProximity_ft
Attribute_Definition:
Approximate straight-line distance of the material site to the closest road based on received data, in feet. 0 means there is a road to the material site. Calculated by RDI and provided by AOGCC.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
**Unrepresentable_Domain:**
Approximate straight-line distance of the material site to the closest road based on received data, in feet. 0 means there is a road to the material site. Calculated by RDI.

**Attribute:**

**Attribute_Label:** Acquisition_Date
**Attribute_Definition:** Date of data acquisition.
**Attribute_Definition_Source:** RDI

**Overview_Description:**
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

**Metadata_Reference_Information:**

**Metadata_Date:** 20140226
**Metadata_Contact:**
**Contact_Information:**
**Contact_Organization_Primary:**
**Contact_Organization:** Resource Data, Inc.
**Contact_Person:** Bixler McClure
**Contact_Position:** GIS Programmer/Analyst
**Contact_Address:**
**Address_Type:** mailing and physical
**Address:** 560 E. 34th Ave., Suite 100
**City:** Anchorage
**State_or_Province:** AK
**Postal_Code:** 99503
**Country:** US
**Contact_Voice_Telephone:** 907-563-8100
**Contact_Facsimile_Telephone:** 907-561-0159
**Contact_Electronic_Mail_Address:** bmcclure@resdat.com

**Metadata_Standard_Name:** FGDC Content Standard for Digital Geospatial Metadata
**Metadata_Standard_Version:** FGDC-STD-001-1998
**Metadata_Time_Convention:** local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:42 2014
Material Sites; Polygons Metadata

- **Identification Information**
- **Data Quality Information**
- **Spatial Data Organization Information**
- **Spatial Reference Information**
- **Entity and Attribute Information**
- **Metadata Reference Information**

**Identification Information:**

*Citation:*

*Citation Information:*

*Publication Date:* 20140113

*Publication Time:* 020000

*Title:* Material Sites; Polygons

*Geospatial Data Presentation Form:* vector digital data

*Description:* Abstract:

These data depict material sites in polygon format. For the North Slope Borough material site data, there are occasional duplicate records per material site because the original data had polygons for both the interior pad and the material site itself.

*Purpose:* This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

*Status:*

*Progress:* Complete

*Maintenance and Update Frequency:* None planned

*Spatial Domain:*

*Bounding Coordinates:*

*West Bounding Coordinate:* -156.810409

*East Bounding Coordinate:* -145.903104

*North Bounding Coordinate:* 71.304673

*South Bounding Coordinate:* 69.919139

*Keywords:*

*Theme:*

*Theme Keyword Thesaurus:* ISO 19115 Topic Categories

*Theme Keyword:* location

*Theme Keyword:* structure

*Theme Keyword:* utilitiesCommunication

*Theme Keyword:* transportation

*Theme Keyword:* planningCadastre

*Theme:*

*Theme Keyword Thesaurus:* Unknown

*Theme Keyword:* Material sites
Theme_Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035
Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from the North Slope Borough and US DOT. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information. Polygon centroids were calculated by RDI using the Calculate Geometry function in ArcMap. MTRS information was added from BLM polygon data.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains
Point_and_Vector_Object_Count: 25

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
StandardParallel: 55.0
StandardParallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.25722101

Entity_and_Attribute_Information:
Detailed_Description:
**Entity_Type:**
**Entity_Type_Label:** MaterialSite_py
**Entity_Type_Definition:**
Material site data in polygon format provided by the source organizations.
**Entity_Type_Definition_Source:** RDI

**Attribute:**
**Attribute_Label:** Source_FC
**Attribute_Definition:** The name of the source featureclass, CAD file, or shapefile.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Name of source featureclass.

**Attribute:**
**Attribute_Label:** Quality
**Attribute_Definition:** Quality of the material.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Quality of the material.

**Attribute:**
**Attribute_Label:** Type
**Attribute_Definition:** Type of feature. Used for display and organization purposes.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Type of feature. Used for display and organization purposes.

**Attribute:**
**Attribute_Label:** Potential
**Attribute_Definition:** Potential of the material site.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Potential of the material site.

**Attribute:**
**Attribute_Label:** Operator
**Attribute_Definition:** Operator of the material site.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Operator of the material site.

**Attribute:**
**Attribute_Label:** ADL
**Attribute_Definition:** ADL number of the site.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**
**Unrepresentable_Domain:** ADL number of the site.

**Attribute:**
**Attribute_Label:** DOG_Type
**Attribute_Definition:** ADNR Division of Oil and Gas data type code.
**Attribute_Definition_Source:** ADNR DOG
**Attribute_Domain_Values:**
**Enumerated_Domain:**
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Attribute:
Attribute_Label: Conf
Attribute_Definition: This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Attribute:
Attribute_Label: Status
Attribute_Definition: Status of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Status of the feature.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: Quantity
Attribute_Definition: Quantity of the site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Quantity of the site.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.
Attribute_Label: Acreage
Attribute_Definition: Acreage of the site. Calculated by RDI in ArcMap.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Acreage of the site.
Attribute:
Attribute_Label: Site_ID
Attribute_Definition: Site ID of the material site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Site ID of the material site.
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: SHAPE_Length
Attribute_Definition: Length of feature in internal units.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: SHAPE_Area
Attribute_Definition: Area of feature in internal units squared.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: MTRS
Attribute_Definition: MTRS location of the feature. Calculated by RDI based on MTRS polygons.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: MTRS location of the feature.
Attribute:
Attribute_Label: RoadProximity_ft
Attribute_Definition:
Approximate straight-line distance of the material site to the closest road based on received data, in feet. 0 means there is a road to the material site. Calculated by RDI.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain:
Approximate straight-line distance of the material site to the closest road based on received data, in feet. 0 means there is a road to the material site. Calculated by RDI.
Attribute:
Attribute_Label: Centroid_X
Attribute_Definition:
X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain:
X coordinate of the polygon centroid in meters. Calculated by RDI.
Attribute:
Attribute_Label: Centroid_Y
Attribute_Definition:
Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain:
Y coordinate of the polygon centroid in meters. Calculated by RDI.
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI
Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization:
Contact_Organization_Primary:
Pipelines; Lines Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Entity and Attribute Information
- Metadata Reference Information

Identification Information:
Citation:
Publication Date: 20140113
Publication Time: 020000
Title: Pipelines; Lines
Geospatial Data Presentation Form: vector digital data
Description:
Abstract: These data depict pipeline data in line format.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
WestBounding Coordinate: -152.369280
EastBounding Coordinate: -137.630061
NorthBounding Coordinate: 70.585123
SouthBounding Coordinate: 59.530268
Keywords:
Theme:
ThemeKeyword Thesaurus: ISO 19115 Topic Categories
ThemeKeyword: location
ThemeKeyword: structure
ThemeKeyword: utilitiesCommunication
ThemeKeyword: transportation
ThemeKeyword: planningCadastre
Theme:
ThemeKeywordThesaurus: Unknown
ThemeKeyword: Pipeline
ThemeKeyword: Oil
ThemeKeyword: Gas
ThemeKeyword: Alaska
**Theme_Keyword:** North Slope

**Temporal:**

**Temporal_Keyword_Thesaurus:** Unknown

**Temporal_Keyword:** Unknown

**Access_Constraints:** None

**Use_Constraints:**

Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.

**Point_of_Contact:**

**Contact_Information:**

**Contact_Organization_Primary:**

**Contact_Organization:**

AK Department of Natural Resources - Information Resource Management Section

**Contact_Person:** GIS Public Access Coordinator

**Contact_Position:** GIS Public Access Coordinator

**Contact_Address:**

**Address_Type:** mailing and physical

**Address:** 550 W. 7th Suite 706

**City:** Anchorage

**State_or_Province:** AK

**Postal_Code:** 99501

**Country:** US

**Contact_Voice_Telephone:** 907 269 8839

**Contact_Facsimile_Telephone:** 907 269 8920

**Contact_Electronic_Mail_Address:** dnr.gispub@alaska.gov

**Hours_of_Service:** 800-1600 AST

**Point_of_Contact:**

**Contact_Information:**

**Contact_Organization_Primary:**

**Contact_Organization:**

AK Department of Natural Resources - Information Resource Management Section

**Contact_Person:** GIS Public Access Coordinator

**Contact_Position:** GIS Public Access Coordinator

**Contact_Address:**

**Address_Type:** mailing and physical

**Address:** 550 W. 7th Suite 706

**City:** Anchorage

**State_or_Province:** AK

**Postal_Code:** 99501

**Country:** US

**Contact_Voice_Telephone:** 907 269 8839

**Contact_Facsimile_Telephone:** 907 269 8920

**Contact_Electronic_Mail_Address:** dnr.gispub@alaska.gov

**Hours_of_Service:** 800-1600 AST
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section

Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator

Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US

Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov

Hours_of_Service: 800-1600 AST

Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown

Lineage:
Process_Step:
Process_Description:
Data were obtained from ADNR DOG, BP, ConocoPhillips Alaska, the North Slope Borough, and the State Pipeline Coordinator's Office. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.

Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 13695

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0

Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: Pipeline
Entity_Type_Definition:
Pipeline data in line format provided by the source organizations.
Entity_Type_Definition_Source: RDI
Attribute:
Attribute_Label: Source_FC
Attribute_DEFINITION: The name of the source featureclass, CAD file, or shapefile.
Attribute_DEFINITION_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: Type
Attribute_DEFINITION: Type of feature. Used for display and organization purposes.
Attribute_DEFINITION_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute_Label: Operator
Attribute_DEFINITION: Operator of the pipeline.
Attribute_DEFINITION_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the pipeline.
Attribute:
Attribute_Label: DOG_Type
Attribute_DEFINITION: ADNR Division of Oil and Gas data type code.
Attribute_DEFINITION_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_DEFINITION: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Attribute:
Attribute_Label: Conf
Attribute Definition:
This identifies if the source organization identified the data as confidential.
Attribute Definition Source: RDI
Attribute Domain Values:
Enumerated Domain:
Enumerated Domain Value: Y
Enumerated Domain Value Definition: Data is confidential.
Enumerated Domain Value Definition Source: RDI
Enumerated Domain:
Enumerated Domain Value: N
Enumerated Domain Value Definition: Data is not confidential.
Enumerated Domain Value Definition Source: RDI
Attribute:
Attribute Label: Product
Attribute Definition: Product carried by the pipeline.
Attribute Definition Source: RDI
Attribute Domain Values:
Unrepresentable Domain: Product carried by the pipeline.
Attribute:
Attribute Label: Status
Attribute Definition: Status of the feature.
Attribute Definition Source: RDI
Attribute Domain Values:
Unrepresentable Domain: Status of the feature.
Attribute:
Attribute Label: Owner
Attribute Definition: Owner of the pipeline
Attribute Definition Source: RDI
Attribute Domain Values:
Unrepresentable Domain: Owner of the pipeline.
Attribute:
Attribute Label: Diam_in
Attribute Definition: Diameter of the pipeline in inches.
Attribute Definition Source: RDI
Attribute Domain Values:
Unrepresentable Domain: Diameter of the pipeline in inches.
Attribute:
Attribute Label: OBJECTID
Attribute Definition: Internal feature number.
Attribute Definition Source: Esri
Attribute Domain Values:
Unrepresentable Domain:
Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute Label: Source_Org
Attribute Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: SHAPE_Length
Attribute_Definition: Length of feature in internal units.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: Pipe_ID
Attribute_Definition: Pipe ID number, as provided by source organizations.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Pipe ID number, as provided by source organizations.
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI
Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were
abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

---

**Metadata Reference Information:**
- **Metadata Date:** 20140226
- **Metadata Contact:**
  - **Contact Information:**
  - **Contact Organization Primary:** Resource Data, Inc.
  - **Contact Person:** Bixler McClure
  - **Contact Position:** GIS Programmer/Analyst
  - **Contact Address:**
    - **Address Type:** mailing and physical
    - **Address:** 560 E. 34th Ave., Suite 100
    - **City:** Anchorage
    - **State or Province:** AK
    - **Postal Code:** 99503
    - **Country:** US
  - **Contact Voice Telephone:** 907-563-8100
  - **Contact Facsimile Telephone:** 907-561-0159
  - **Contact Electronic Mail Address:** bmcclure@resdat.com
- **Metadata Standard Name:** FGDC Content Standard for Digital Geospatial Metadata
- **Metadata Standard Version:** FGDC-STD-001-1998
- **Metadata Time Convention:** local time

---

Generated by mp version 2.9.12 on Tue Mar 18 09:48:43 2014
Powerline; Lines Metadata

- **Identification Information**
- **Data Quality Information**
- **Spatial Data Organization Information**
- **Spatial Reference Information**
- **Entity and Attribute Information**
- **Metadata Reference Information**

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**Identification Information:**

**Citation:**

*Citation Information:*

*Publication Date:* 20140113  
*Publication Time:* 020000  
*Title:* Powerline; Lines  
*Geospatial Data Presentation Form:* vector digital data  
*Description:* These data depict powerline data in line format.  
*Abstract:*  
*Purpose:* This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.  
*Status:*  
*Progress:* Complete  
*Maintenance and Update Frequency:* None planned  
*Spatial Domain:*  
*Bounding Coordinates:*  
*West Bounding Coordinate:* -150.444073  
*East Bounding Coordinate:* -148.169836  
*North Bounding Coordinate:* 70.520944  
*South Bounding Coordinate:* 69.999235  
*Keywords:*  
*Theme:*  
*Theme Keyword Thesaurus:* ISO 19115 Topic Categories  
*Theme Keyword:* location  
*Theme Keyword:* structure  
*Theme Keyword:* utilitiesCommunication  
*Theme Keyword:* transportation  
*Theme Keyword:* planningCadastre  
*Theme:*  
*Theme Keyword Thesaurus:* Unknown  
*Theme Keyword:* Powerline  
*Theme Keyword:* Alaska  
*Theme Keyword:* North Slope  
*Temporal:*
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
**Lineage:**

**Process_Step:**

**Process_Description:**

Data were obtained from BP and ConocoPhillips Alaska. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.

**Process_Date:** 20140110

---

**Spatial_Data_Organization_Information:**

Direct_Spatial_Reference_Method: Vector

**Point_and_Vector_Object_Information:**

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: String

Point_and_Vector_Object_Count: 3181

---

**Spatial_Reference_Information:**

HorizontalCoordinateSystemDefinition:

Planar:

Map_Projection:

Map_Projection_Name: Albers Conical Equal Area

Albers_Conical_Equal_Area:

Standard_Parallel: 55.0

Standard_Parallel: 65.0

Longitude_of_Central_Meridian: -154.0

Latitude_of_Projection_Origin: 50.0

False_Easting: 0.0

False_Northing: 0.0

PlanarCoordinateInformation:

PlanarCoordinateEncodingMethod: coordinate pair

CoordinateRepresentation:

Abscissa_Resolution: 0.0001

Ordinate_Resolution: 0.0001

Planar_Distance_Units:

GeodeticModel:

Horizontal_Datum_Name: D North American 1983

Ellipsoid_Name: GRS 1980

Semi-major_Axis: 6378137.0

Denominator_of_Flattening_Ratio: 298.257222101

---

**Entity_and_Attribute_Information:**

Detailed_Description:

Entity_Type:

Entity_Type_Label: Powerline

Entity_Type_Definition:

Powerline data in line format provided by the source organizations.

Entity_Type_Definition_Source: RDI
<table>
<thead>
<tr>
<th>Attribute</th>
<th>Attribute Label</th>
<th>Attribute Definition</th>
<th>Attribute Definition Source</th>
<th>Attribute Domain Values</th>
<th>Unrepresentable Domain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of source feature class, CAD file, or shapefile.</td>
<td>Source_FC</td>
<td>The name of the source feature class, CAD file, or shapefile.</td>
<td>RDI</td>
<td>Name of source feature class.</td>
<td></td>
</tr>
<tr>
<td>Type of feature. Used for display and organization purposes.</td>
<td>Type</td>
<td>Type of feature. Used for display and organization purposes.</td>
<td>RDI</td>
<td>Type of feature. Used for display and organization purposes.</td>
<td></td>
</tr>
<tr>
<td>Positive real numbers that are automatically generated.</td>
<td>SHAPE_Length</td>
<td>Length of feature in internal units.</td>
<td>Esri</td>
<td>Positive real numbers that are automatically generated.</td>
<td></td>
</tr>
<tr>
<td>ADNR Division of Oil and Gas data type code.</td>
<td>DOG_Type</td>
<td>ADNR Division of Oil and Gas data type code.</td>
<td>ADNR DOG</td>
<td>Telephone, Secondary Road, Landing strip, Highway,</td>
<td></td>
</tr>
</tbody>
</table>

Enumerated_Domain:

- Enumerated_Domain_Value: 6
  - Enumerated_Domain_Value_Definition: Telephone
  - Enumerated_Domain_Value_Definition_Source: ADNR DOG

- Enumerated_Domain_Value: 2
  - Enumerated_Domain_Value_Definition: Secondary Road
  - Enumerated_Domain_Value_Definition_Source: ADNR DOG

- Enumerated_Domain_Value: 7
  - Enumerated_Domain_Value_Definition: Landing strip
  - Enumerated_Domain_Value_Definition_Source: ADNR DOG

- Enumerated_Domain_Value: 1
  - Enumerated_Domain_Value_Definition: Highway
  - Enumerated_Domain_Value_Definition_Source: ADNR DOG

- Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Attribute:
Attribute_Label: Conf
Attribute_Definition:
This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Attribute:
Attribute_Label: Voltage
Attribute_Definition: Voltage of the powerline.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Voltage of the powerline.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI
Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

**Metadata_Reference_Information:**

**Metadata_Date:** 20140226

**Metadata_Contact:**

**Contact_Information:**

**Contact_Organization_Primary:**

**Contact_Organization:** Resource Data, Inc.

**Contact_Person:** Bixler McClure

**Contact_Position:** GIS Programmer/Analyst

**Contact_Address:**

**Address_Type:** mailing and physical

**Address:** 560 E. 34th Ave., Suite 100

**City:** Anchorage

**State_or_Province:** AK

**Postal_Code:** 99503

**Country:** US

**Contact_Voice_Telephone:** 907-563-8100

**Contact_Facsimile_Telephone:** 907-561-0159

**Contact_Electronic_Mail_Address:** bmclure@resdat.com

**Metadata_Standard_Name:** FGDC Content Standard for Digital Geospatial Metadata

**Metadata_Standard_Version:** FGDC-STD-001-1998

**Metadata_Time_Convention:** local time

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Generated by mp version 2.9.12 on Tue Mar 18 09:48:44 2014
Roads; Lines Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Entity and Attribute Information
- Metadata Reference Information

Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title: Roads; Lines
Geospatial Data Presentation Form: vector digital data
Description:
Abstract: These data depict roads in line format.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -180.000000
East Bounding Coordinate: 180.000000
North Bounding Coordinate: 71.400964
South Bounding Coordinate: 51.570519
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: location
Theme Keyword: structure
Theme Keyword: utilitiesCommunication
Theme Keyword: transportation
Theme Keyword: planningCadastre
Theme:
Theme Keyword Thesaurus: Unknown
Theme Keyword: Roads
Theme Keyword: Alaska
Theme Keyword: North Slope
Temporal:
**Temporal_Keyword_Thesaurus:** Unknown
**Temporal_Keyword:** Unknown
**Access_Constraints:** None
**Use_Constraints:**
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.

**Point_of_Contact:**
**Contact_Information:**
**Contact_Organization_Primary:**
**Contact_Organization:**
AK Department of Natural Resources - Information Resource Management Section
**Contact_Person:** GIS Public Access Coordinator
**Contact_Position:** GIS Public Access Coordinator
**Contact_Address:**
**Address_Type:** mailing and physical
**Address:** 550 W. 7th Suite 706
**City:** Anchorage
**State_or_Province:** AK
**Postal_Code:** 99501
**Country:** US
**Contact_Voice_Telephone:** 907 269 8839
**Contact_Facsimile_Telephone:** 907 269 8920
**Contact_Electronic_Mail_Address:** dnr.gispub@alaska.gov
**Hours_of_Service:** 800-1600 AST

**Data_Quality_Information:**
**Logical_Consistency_Report:** Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from ADNR DOG, ADOT PF, the Geographic Coordinate Database, the North Slope Borough, and Repsol. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 15716

Spatial_Reference_Information:
HorizontalCoordinateSystemDefinition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard Parallel: 55.0
Standard Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar CoordinateInformation:
Planar CoordinateEncodingMethod: coordinate pair
CoordinateRepresentation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
Planar DistanceUnits:
GeodeticModel:
HorizontalDatumName: D North American 1983
EllipsoidName: GRS 1980
Semi-major Axis: 6378137.0
Denominator_of_Enumeration_Ratio: 298.257222101

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: Road Ln
Entity_Type_Definition: Road data in line format provided by the source organizations.
Entity_Type_Definition_Source: RDI
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.

Attribute:
Attribute_Label: SHAPE_Length
Attribute_Definition: Length of feature in internal units.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.

Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.

Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.

Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.

Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.

Attribute:
Attribute_Label: Material
Attribute_Definition: Material of the road.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Material of the road.
Attribute:
Attribute_Label: Width_ft
Attribute_Definition: Width of the road in feet.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Width of the road in feet.
Attribute:
Attribute_Label: Conf
Attribute_Definition:
This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the road.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the road.
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown Infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing Strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI

Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_orProvince: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:44 2014
Roads; Polygons Metadata

- Identification_Information
- Data_Quality_Information
- Spatial_Data_Organization_Information
- Spatial_Reference_Information
- Entity_and_Attribute_Information
- Metadata_Reference_Information

Identification_Information:
Citation:
Citation_Information:
Publication_Date: 20140113
Publication_Time: 020000
Title: Roads; Polygons
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract: These data depict roads in polygon format.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -150.293198
East_Bounding_Coordinate: -150.117383
North_Bounding_Coordinate: 70.273288
South_Bounding_Coordinate: 70.245002
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: Roads
Theme_Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Brooks Range Petroleum Corporation. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Referencemethod: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains
Point_and_Vector_Object_Count: 1

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: Road_py
Entity_Type_Definition:
Road data in polygon format provided by the source organizations.
Entity_Type_Definition_Source: RDI
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown Infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing Strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Attribute:
Attribute_Label: Material
Attribute_Definition: Material of the road.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Material of the road.

Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.

Attribute:
Attribute_Label: SHAPE_Length
Attribute_Definition: Length of feature in internal units.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.

Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.

Attribute:
Attribute_Label: Conf
Attribute_Definition:
This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI

Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.

Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.

Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.

Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.

Attribute:
Attribute_Label: SHAPE_Area
Attribute_Definition: Area of feature in internal units squared.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.

Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the road.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
**Unrepresentable_Domain:** Operator of the road.

**Attribute:**

**Attribute_Label:** Acquisition_Date

**Attribute_Definition:** Date of data acquisition.

**Attribute_Definition_Source:** RDI

**Overview_Description:**

The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

**Metadata_Reference_Information:**

**Metadata_Date:** 20140226

**Metadata_Contact:**

**Contact_Information:**

**Contact_Organization_Primary:**

**Contact_Organization:** Resource Data, Inc.

**Contact_Person:** Bixler McClure

**Contact_Position:** GIS Programmer/Analyst

**Contact_Address:**

**Address_Type:** mailing and physical

**Address:** 560 E. 34th Ave., Suite 100

**City:** Anchorage

**State_or_Province:** AK

**Postal_Code:** 99503

**Country:** US

**Contact_Voice_Telephone:** 907-563-8100

**Contact_Facsimile_Telephone:** 907-561-0159

**Contact_Electronic_Mail_Address:** bmcclure@resdat.com

**Metadata_Standard_Name:** FGDC Content Standard for Digital Geospatial Metadata

**Metadata_Standard_Version:** FGDC-STD-001-1998

**Metadata_Time_Convention:** local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:44 2014
Structures; Points Metadata

- Identification_Information
- Data_Quality_Information
- Spatial_Data_Organization_Information
- Spatial_Reference_Information
- Entity_and_Attribute_Information
- Metadata_Reference_Information

Identification_Information:
Citation:
Publication_Date: 20140113
Publication_Time: 020000
Title: Structures; Points
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract: Structures in point format.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_BoundingCoordinate: -180.000000
East_BoundingCoordinate: 180.000000
North_BoundingCoordinate: 90.000000
South_BoundingCoordinate: 0.000000
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: Powerlines
Theme_Keyword: Guywires
Theme_Keyword: Culverts
Theme_Keyword: Bridges
Theme_Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035
Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from ADNR DOG, ADOT PF, ADNR DMLW, BP, ConocoPhillips Alaska, and Repsol. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 3976

Spatial_Reference_Information:
HorizontalCoordinateSystemDefinition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
StandardParallel: 55.0
StandardParallel: 65.0
LongitudeOfCentralMeridian: -154.0
LatitudeOfProjectionOrigin: 50.0
False_Easting: 0.0
False_Northing: 0.0
PlanarCoordinateInformation:
PlanarCoordinateEncodingMethod: coordinate pair
CoordinateRepresentation:
AbscissaResolution: 0.0001
OrdinateResolution: 0.0001
PlanarDistanceUnits:
GeodeticModel:
HorizontalDatumName: D North American 1983
EllipsoidName: GRS 1980
Semi-majorAxis: 6378137.0
DenominatorOfFlatteningRatio: 298.257222101

Entity_and_Attribute_Information:
Detailed_Description:
Enterity_Type:
Entity_Type_Label: Structure_pt
Entity_Type_Definition:
Structures data in point format provided by the source organizations.
Entity_Type_Definition_Source: RDI
Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the structure.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the structure.
Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Attribute:
Attribute_Label: Conf
Attribute_Definition:
This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Attribute:
Attribute_Label: Status
Attribute_Definition: Status of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Status of the feature.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values: 
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values: 
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values: 
Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values: 
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values: 
Unrepresentable_Domain: Source object ID.
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values: 
Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI
Overview_Description:
Entity_and_Attribute_Overview: 
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were
abstracted to load all similar information into a single field (for example Name, short
description, feature_name would have all been loaded to NAME). Because the data did
not always include a data dictionary, not all domains are defined. Please see the original
data for full information from the data's originator. Data are provided as unchanged from
source organizations. The fields populated by RDI for Alaska DNR are described in this
metadata.

Metadata_Reference_Information:
Metadata_Date: 20140304
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:44 2014
Structures; Polygons Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Entity and Attribute Information
- Metadata Reference Information

**Identification Information:**

Citation:

**Citation Information:**

Publication Date: 20140113
Publication Time: 020000
Title: Structures; Polygons
Geospatial Data Presentation Form: vector digital data

**Description:**

Abstract: Structures in polygon format.

**Purpose:**

This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

**Status:**

Progress: Complete
Maintenance and Update Frequency: None planned

**Spatial Domain:**

Bounding Coordinates:

West Bounding Coordinate: -165.847756
East Bounding Coordinate: -140.658905
North Bounding Coordinate: 72.200371
South Bounding Coordinate: 67.936834

**Keywords:**

Theme: Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme_Keyword: North Slope

AK DNR DMLW and DOG
North Slope Planning Area
Geospatial Infrastructure Data March 31, 2014 148
Theme_Keyword: Culverts
Theme_Keyword: Bridges
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035
Data_Quality_Information:
  Logical_Consistency_Report: Unknown
Lineage:
  Process_Step:
  Process_Description:
  Data were obtained from BP, ConocoPhillips Alaska, and the North Slope Borough. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.
  Process_Date: 20140110

Spatial_Data_Organization_Information:
  Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
  SDTS_Terms_Description:
  SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains
  Point_and_Vector_Object_Count: 8398

Spatial_Reference_Information:
  Horizontal_Coordinate_System_Definition:
  Planar:
  Map_Projection:
  Map_Projection_Name: Albers Conical Equal Area
  Albers_Conical_Equal_Area:
  Standard_Parallel: 55.0
  Standard_Parallel: 65.0
  Longitude_of_Central_Meridian: -154.0
  Latitude_of_Projection_Origin: 50.0
  False_Easting: 0.0
  False_Northing: 0.0
  Planar_Coordinate_Information:
  Planar_Coordinate_Encoding_Method: coordinate pair
  Coordinate_Representation:
  Abscissa_Resolution: 0.0001
  Ordinate_Resolution: 0.0001
  Planar_Distance_Units:
  Geodetic_Model:
  Horizontal_Datum_Name: D North American 1983
  Ellipsoid_Name: GRS 1980
  Semi-major_Axis: 6378137.0
  Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:
  Detailed_Description:
  Entity_Type:
**Entity_Type_Label:** Structure_py

**Entity_Type_Definition:**
Structures data in polygon format provided by the source organizations.

**Entity_Type_Definition_Source:** RDI

**Attribute:**
**Attribute_Label:** Conf

**Attribute_Definition:**
This identifies if the source organization identified the data as confidential.

**Attribute_Definition_Source:** RDI

**Attribute_Domain_Values:**
**Enumerated_Domain:**
**Enumerated_Domain_Value:** N
**Enumerated_Domain_Value_Definition:** Data is not confidential.
**Enumerated_Domain_Value_Definition_Source:** RDI

**Enumerated_Domain:**
**Enumerated_Domain_Value:** Y
**Enumerated_Domain_Value_Definition:** Data is confidential.
**Enumerated_Domain_Value_Definition_Source:** RDI

**Attribute:**
**Attribute_Label:** Desc

**Attribute_Definition:** Description of the feature.

**Attribute_Definition_Source:** RDI

**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Description of the feature.

**Attribute:**
**Attribute_Label:** Status

**Attribute_Definition:** Status of the feature.

**Attribute_Definition_Source:** RDI

**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Status of the feature.

**Attribute:**
**Attribute_Label:** Source_OID

**Attribute_Definition:** The source data's original object ID.

**Attribute_Definition_Source:** RDI

**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Source object ID.

**Attribute:**
**Attribute_Label:** Name

**Attribute_Definition:** Name of the feature.

**Attribute_Definition_Source:** RDI

**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Name of the feature.

**Attribute:**
**Attribute_Label:** Source_Org

**Attribute_Definition:** The organization which provided this data.

**Attribute_Definition_Source:** RDI

**Attribute_Domain_Values:**
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the structure.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the structure.
Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: SHAPE_Length
Attribute_Definition: Length of feature in internal units.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: SHAPE_Area
Attribute_Definition: Area of feature in internal units squared.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: SHAPE
**Attribute Definition:** Feature geometry.

**Attribute Definition Source:** Esri

**Attribute Domain Values:**
- Unrepresentable Domain: Coordinates defining the features.

**Attribute:**
- **Attribute Label:** Acquisition_Date

**Attribute Definition:** Date of data acquisition.

**Attribute Definition Source:** RDI

**Attribute:**
- **Attribute Label:** Centroid_X

**Attribute:**
- **Attribute Label:** Centroid_Y

**Overview Description:**

Entity and Attribute Overview:

The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

---

**Metadata Reference Information:**

**Metadata Date:** 20140226

**Metadata Contact:**

**Contact Information:**

**Contact Organization Primary:**

**Contact Organization:** Resource Data, Inc.

**Contact Person:** Bixler McClure

**Contact Position:** GIS Programmer/Analyst

**Contact Address:**

**Address Type:** mailing and physical

**Address:** 560 E. 34th Ave., Suite 100

**City:** Anchorage

**State or Province:** AK

**Postal Code:** 99503

**Country:** US

**Contact Voice Telephone:** 907-563-8100

**Contact Facsimile Telephone:** 907-561-0159

**Contact Electronic Mail Address:** bmcclure@resdat.com

**Metadata Standard Name:** FGDC Content Standard for Digital Geospatial Metadata

**Metadata Standard Version:** FGDC-STD-001-1998

**Metadata Time Convention:** local time

---

Generated by mp version 2.9.12 on Tue Mar 18 09:48:44 2014
Transportation; Points Metadata

- **Identification Information**
- **Data Quality Information**
- **Spatial Data Organization Information**
- **Spatial Reference Information**
- **Entity and Attribute Information**
- **Metadata Reference Information**

---

**Identification Information:**

* Citation:
  * Citation Information:
    * Publication Date: 20140113
    * Publication Time: 020000
  * Title: Transportation; Points
  * Geospatial Data Presentation Form: vector digital data

* Description:
  * Abstract: These data depict transportation features in point format.

* Purpose:
  * This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

* Status:
  * Progress: Complete

* Maintenance and Update Frequency: None planned

**Spatial Domain:**

* Bounding Coordinates:
  * West Bounding Coordinate: -180.000000
  * East Bounding Coordinate: 180.000000
  * North Bounding Coordinate: 70.474506
  * South Bounding Coordinate: 51.734407

**Keywords:**

* Theme:
  * Theme Keyword Thesaurus: ISO 19115 Topic Categories
  * Theme Keyword: location
  * Theme Keyword: structure
  * Theme Keyword: utilitiesCommunication
  * Theme Keyword: transportation
  * Theme Keyword: planningCadastre

**Theme:**

* Theme Keyword Thesaurus: Unknown
  * Theme Keyword: Bridges
  * Theme Keyword: Mileposts
  * Theme Keyword: Docks
  * Theme Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035
Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Shape:
Process_Description:
Data were obtained from ADNR DOG and ADOT PF. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 4787

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.25722101

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: Transportation_pt
Entity_Type_Definition:
Transportation features in point format provided by the source organizations.

*Entity_Type_Definition_Source:* RDI

**Attribute:**
*Attribute_Label:* Source_FC
*Attribute_Definition:* The name of the source featureclass, CAD file, or shapefile.
*Attribute_Definition_Source:* RDI

**Attribute:**
*Attribute_Label:* Type
*Attribute_Definition:* Type of feature. Used for display and organization purposes.
*Attribute_Definition_Source:* RDI

**Attribute:**
*Attribute_Label:* Operator
*Attribute_Definition:* Operator of the feature.
*Attribute_Definition_Source:* RDI

**Attribute:**
*Attribute_Label:* DOG_Type
*Attribute_Definition:* ADNR Division of Oil and Gas data type code.
*Attribute_Definition_Source:* ADNR DOG

**Enumerated_Domain:**
*Enumerated_Domain_Value:* 6
*Enumerated_Domain_Value_Definition:* Telephone
*Enumerated_Domain_Value_Definition_Source:* ADNR DOG

*Enumerated_Domain_Value:* 2
*Enumerated_Domain_Value_Definition:* Secondary Road
*Enumerated_Domain_Value_Definition_Source:* ADNR DOG

*Enumerated_Domain_Value:* 7
*Enumerated_Domain_Value_Definition:* Landing strip
*Enumerated_Domain_Value_Definition_Source:* ADNR DOG

*Enumerated_Domain_Value:* 1
*Enumerated_Domain_Value_Definition:* Highway
*Enumerated_Domain_Value_Definition_Source:* ADNR DOG

*Enumerated_Domain_Value:* 10
*Enumerated_Domain_Value_Definition:* Alaska Marine Highway
*Enumerated_Domain_Value_Definition_Source:* ADNR DOG

*Enumerated_Domain_Value:* 4

AK DNR DMLW and DOG
North Slope Planning Area
Geospatial Infrastructure Data March 31, 2014 158
<table>
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<tr>
<th>Enumerated_Domain_Value_Definition</th>
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<tr>
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**Attribute:**

<table>
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<tr>
<th>Attribute_Label</th>
<th>Location</th>
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<tbody>
<tr>
<td>Definition</td>
<td>Location of the feature.</td>
</tr>
<tr>
<td>Source</td>
<td>RDI</td>
</tr>
<tr>
<td>Domain_Vs</td>
<td>Unrepresentable_Domain</td>
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<table>
<thead>
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<th>Attribute_Label</th>
<th>Conf</th>
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<tr>
<td>Definition</td>
<td>This identifies if the source organization identified the data as confidential.</td>
</tr>
<tr>
<td>Source</td>
<td>RDI</td>
</tr>
<tr>
<td>Domain_Vs</td>
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</tr>
<tr>
<td>Definition_Source</td>
<td>Data is confidential.</td>
</tr>
<tr>
<td>Source</td>
<td>RDI</td>
</tr>
<tr>
<td>Domain_Vs</td>
<td>N</td>
</tr>
<tr>
<td>Definition_Source</td>
<td>Data is not confidential.</td>
</tr>
<tr>
<td>Source</td>
<td>RDI</td>
</tr>
</tbody>
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Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.
Attribute:
Attribute_Label: Desc
Attribute_Definition: Description of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI
Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did
not always include a data dictionary, not all domains are defined. Please see the original
data for full information from the data's originator. Data are provided as unchanged from
source organizations. The fields populated by RDI for Alaska DNR are described in this
metadata.

Metadata_Reference_Information:
   Metadata_Date: 20140226
   Metadata_Contact:
      Contact_Information:
      Contact_Organization_Primary:
      Contact_Organization: Resource Data, Inc.
      Contact_Person: Bixler McClure
      Contact_Position: GIS Programmer/Analyst
      Contact_Address:
      Address_Type: mailing and physical
      Address: 560 E. 34th Ave., Suite 100
      City: Anchorage
      State_or_Province: AK
      Postal_Code: 99503
      Country: US
      Contact_Voice_Telephone: 907-563-8100
      Contact_Facsimile_Telephone: 907-561-0159
      Contact_Electronic_Mail_Address: bmcclure@resdat.com
   Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
   Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:45 2014
Wells; Points Metadata

- Identification_Information
- Data_Quality_Information
- Spatial_Data_Organization_Information
- Spatial_Reference_Information
- Entity_and_Attribute_Information
- Metadata_Reference_Information

Identification_Information:
Citation:
Publication_Date: 20140113
Publication_Time: 020000
Title: Wells; Points
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract: These data depict wells in point format.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -168.293515
East_Bounding_Coordinate: -130.184050
North_Bounding_Coordinate: 72.200186
South_Bounding_Coordinate: 54.926914
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: Wells
Theme_Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Conistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from the North Slope Borough, Repsol, AOGCC, and ConocoPhillips Alaska. The data were then loaded into the feature class. Each record includes the attribution to link back to the original source, including source organization, source feature name, source object ID, confidentiality information, and DNR data types. See each record's attributes for this information. The AOGCC data was assumed to be in NAD83 format.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 15429

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
StandardParallel: 55.0
StandardParallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0001
Ordinate_Resolution: 0.0001
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: Well_pt
Entity_Type_Definition: Well data in point format provided by the source organizations.
Entity_Type_Definition_Source: RDI
Attribute:
Attribute_Label: Source.FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute_Label: APINum
Attribute_Definition: API number for the well.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: API number for the well.
Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the well.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the well.
Attribute:
Attribute_Label: Location
Attribute_Definition: Location of the well.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Location of the well.
Attribute:
Attribute_Label: WellNum
Attribute_Definition: Well number.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Well number.
Attribute:
Attribute_Label: WellName
Attribute_Definition: Well name.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Well name.
Attribute:
Attribute_Label: Class
Attribute_Definition: Class of the well.
Attribute_Definition_Source: RDI
Attribute Domain Values:
Unrepresentable Domain: Class of the well.
Attribute:
Attribute Label: DOG_Type
Attribute Definition: ADNR Division of Oil and Gas data type code.
Attribute Definition Source: ADNR DOG
Attribute Domain Values:
Enumerated Domain:
Enumerated Domain Value: 6
Enumerated Domain Value Definition: Telephone
Enumerated Domain Value Definition Source: ADNR DOG
Enumerated Domain:
Enumerated Domain Value: 2
Enumerated Domain Value Definition: Secondary Road
Enumerated Domain Value Definition Source: ADNR DOG
Enumerated Domain:
Enumerated Domain Value: 7
Enumerated Domain Value Definition: Landing strip
Enumerated Domain Value Definition Source: ADNR DOG
Enumerated Domain:
Enumerated Domain Value: 1
Enumerated Domain Value Definition: Highway
Enumerated Domain Value Definition Source: ADNR DOG
Enumerated Domain:
Enumerated Domain Value: 10
Enumerated Domain Value Definition: Alaska Marine Highway
Enumerated Domain Value Definition Source: ADNR DOG
Enumerated Domain:
Enumerated Domain Value: 4
Enumerated Domain Value Definition: Railroad
Enumerated Domain Value Definition Source: ADNR DOG
Enumerated Domain:
Enumerated Domain Value: 11
Enumerated Domain Value Definition: Fiberoptic
Enumerated Domain Value Definition Source: ADNR DOG
Enumerated Domain:
Enumerated Domain Value: 9
Enumerated Domain Value Definition: Forest Development Road
Enumerated Domain Value Definition Source: ADNR DOG
Enumerated Domain:
Enumerated Domain Value: 8
Enumerated Domain Value Definition: Pipeline
Enumerated Domain Value Definition Source: ADNR DOG
Enumerated Domain:
Enumerated Domain Value: 3
Enumerated Domain Value Definition: Trail
Enumerated Domain Value Definition Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
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Attribute_Label: StatusDate
Attribute_Definition: Date of the well status.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Date of the well status.
Attribute:
Attribute_Label: LeaseNum
Attribute_Definition: Lease number.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Lease number.
Attribute:
Attribute_Label: Conf
Attribute_Definition: This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Attribute:
Attribute_Label: Status
Attribute_Definition: Status of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Status of the feature.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated by the GIS application.

Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.

Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.

Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI

Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
<table>
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<th>State_or_Province:</th>
<th>AK</th>
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</thead>
<tbody>
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<tr>
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<td>US</td>
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<td>907-563-8100</td>
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<td>Contact_Facsimile_Telephone:</td>
<td>907-561-0159</td>
</tr>
<tr>
<td>Contact_Electronic_Mail_Address:</td>
<td><a href="mailto:bmcclure@resdat.com">bmcclure@resdat.com</a></td>
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<td>Metadata_Standard_Name:</td>
<td>FGDC Content Standard for Digital Geospatial Metadata</td>
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<td>Metadata_Time_Convention:</td>
<td>local time</td>
</tr>
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</table>

Generated by mp version 2.9.12 on Tue Mar 18 09:48:45 2014
Derived Merged Airstrips; Point Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Entity and Attribute Information
- Metadata Reference Information

Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title: Derived Merged Airstrips; Point
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
These data depict merged, generalized airstrips as points. Note: these data are for display purposes only, as in the data atlas. See the original data "Airstrip_pt" and "Airstrip_py."
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -180.000000
East Bounding Coordinate: 180.000000
North Bounding Coordinate: 71.356682
South Bounding Coordinate: 51.730300
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: location
Theme Keyword: structure
Theme Keyword: utilitiesCommunication
Theme Keyword: transportation
Theme Keyword: planningCadastre
Theme:
Theme Keyword Thesaurus: Unknown
Theme Keyword: Wells
Theme Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
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State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:

Process_Step:

Process_Description:
Data were obtained from ADNR DOG, ADOT PF, and North Slope Borough. The data were then loaded into the feature class. The original featureclasses for this derived featureclass are Airstrip_pt and Airstrip_py. For display purposes in the data atlas, airstrips were buffered to 1 mile. Next, the resulting polygons were dissolved into single part features. X and Y coordinates were calculated for the polygon centroids, the data were exported to a table, and finally the data were displayed. Data derived by RDI.

Process_Date: 20140110

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 382

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:

Detailed_Description:
Entity_Type:
Entity_Type_Label: Airstrip_Derived_Merged_pt
Entity_Type_Definition:
Airstrip data in point format provided by the source organizations.

Entity_Type_Definition_Source: RDI

Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri

Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated by the GIS application.

Attribute:
Attribute_Label: Centroid_X
Attribute_Definition:
Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI

Attribute:
Attribute_Label: Centroid_Y
Attribute_Definition:
Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI

Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri

Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
Metadata_Date: 20140226

Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:56:40 2014
Derived Airstrips; Points Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Entity and Attribute Information
- Metadata Reference Information

Identification Information:
Citation:
Publication Date: 20140113
Publication Time: 020000
Title: Derived Airstrips; Points
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
These data depict generalized airstrips as points. Note: these data are for display purposes only, as in the data atlas. See the original data "Airstrip.py."
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -162.233019
East Bounding Coordinate: -141.743842
North Bounding Coordinate: 71.356682
South Bounding Coordinate: 67.797860
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: location
Theme Keyword: structure
Theme Keyword: utilitiesCommunication
Theme Keyword: transportation
Theme Keyword: planningCadastre
Theme:
Theme Keyword Thesaurus: Unknown
Theme Keyword: Airstrip
Theme Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
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Contact_Address:
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Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035
Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from ADNR DOG. The data were then loaded into the feature class. The original featureclass for this derived data is Airstrip_py. For display purposes in the data atlas, X and Y coordinates were calculated for the polygon centroids, the data were exported to a table, and finally the data was displayed. Data derived by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 50

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: Airstrip_Derived_pt
Entity_Type_Definition:
Airstrip data in point format provided by the source organizations.

**Entity_Type_Definition_Source:** RDI

**Attribute:**
- **Attribute_Label:** Source_OID
  - **Attribute_Definition:** The source data's original object ID.
  - **Attribute_Definition_Source:** RDI
  - **Unrepresentable_Domain:** Source object ID.

**Attribute:**
- **Attribute_Label:** Desc
  - **Attribute_Definition:** Description of the feature.
  - **Attribute_Definition_Source:** RDI
  - **Unrepresentable_Domain:** Description of the feature.

**Attribute:**
- **Attribute_Label:** DOG_Type
  - **Attribute_Definition:** ADNR Division of Oil and Gas data type code.
  - **Attribute_Definition_Source:** ADNR DOG
  - **Enumerated_Domain:**
    - **Enumerated_Domain_Value:** 0
      - **Enumerated_Domain_Value_Definition:** Unknown infrastructure
      - **Enumerated_Domain_Value_Definition_Source:** ADNR DOG
    - **Enumerated_Domain_Value:** 1
      - **Enumerated_Domain_Value_Definition:** Highway
      - **Enumerated_Domain_Value_Definition_Source:** ADNR DOG
    - **Enumerated_Domain_Value:** 2
      - **Enumerated_Domain_Value_Definition:** Secondary Road
      - **Enumerated_Domain_Value_Definition_Source:** ADNR DOG
    - **Enumerated_Domain_Value:** 3
      - **Enumerated_Domain_Value_Definition:** Trail
      - **Enumerated_Domain_Value_Definition_Source:** ADNR DOG
    - **Enumerated_Domain_Value:** 4
      - **Enumerated_Domain_Value_Definition:** Railroad
      - **Enumerated_Domain_Value_Definition_Source:** ADNR DOG
    - **Enumerated_Domain_Value:** 7
      - **Enumerated_Domain_Value_Definition:** Landing strip
      - **Enumerated_Domain_Value_Definition_Source:** ADNR DOG
    - **Enumerated_Domain_Value:** 9
      - **Enumerated_Domain_Value_Definition:** Forest Development Road
      - **Enumerated_Domain_Value_Definition_Source:** ADNR DOG
<table>
<thead>
<tr>
<th>Enumerated_Domain:</th>
<th>Enumerated_Domain_Value:</th>
<th>Enumerated_Domain_Value_Definition:</th>
<th>Enumerated_Domain_Value_Definition_Source:</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>10</td>
<td>Alaska Marine Highway</td>
<td>ADNR DOG</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
<td>Pipeline</td>
<td>ADNR DOG</td>
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<tr>
<td>6</td>
<td>6</td>
<td>Telephone</td>
<td>ADNR DOG</td>
</tr>
<tr>
<td>11</td>
<td>11</td>
<td>Fiberoptic</td>
<td>ADNR DOG</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>Electrical</td>
<td>ADNR DOG</td>
</tr>
</tbody>
</table>

**Attribute:**

**Attribute_Label:** Operator
**Attribute_Definition:** Operator of the airstrip.
**Attribute_Definition_Source:** RDI

**Unrepresentable_Domain:** Operator of the airstrip.

**Attribute:**

**Attribute_Label:** Conf
**Attribute_Definition:** This identifies if the source organization identified the data as confidential.
**Attribute_Definition_Source:** RDI

**Unrepresentable_Domain:** Operator of the airstrip.

**Attribute:**

**Attribute_Label:** SiteNum
**Attribute_Definition:** Site number.
**Attribute_Definition_Source:** RDI

**Unrepresentable_Domain:** Site number.
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: Status
Attribute_Definition: Status of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Status of the feature.
Attribute:
Attribute_Label: Notes
Attribute_Definition: Notes about the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Notes about the feature.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: Elev
Attribute_Definition: Elevation of the airstrip.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Elevation of the airstrip.
Attribute:
Attribute_Label: Length_ft
Attribute_Definition: Length of the airstrip in feet.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Length of the airstrip in feet.
Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of the feature.
Attribute:
Attribute_Label: Code
Attribute_Definition: FAA airport code.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: FAA airport code.
Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: Centroid_X
Attribute_Definition:
X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI
Attribute:
Attribute_Label: Centroid_Y
Attribute_Definition:
Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI
Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata.Contact:
Contact.Information:
Contact.Organiztion_Primary:
Contact.Organiztion: Resource Data, Inc.
Contact.Person: Bixler McClure
Contact.Position: GIS Programmer/Analyst
Contact.Address:
Address.Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State.or.Province: AK
Postal.Code: 99503
Country: US
Contact.Voice.Telephone: 907-563-8100
Contact.Facsimile.Telephone: 907-561-0159
Contact.Electronic.Mail.Address: bmcclure@resdat.com
Metadata.Time.Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:39 2014
Derived Clustered Wells; Points Metadata

- Identification_Information
- Data_Quality_Information
- Spatial_Data_Organization_Information
- Spatial_Reference_Information
- Entity_and_Attribute_Information
- Metadata_Reference_Information

Identification_Information:
Citation:
Citation_Information:
Publication_Date: 20140113
Publication_Time: 020000
Title: Derived Clustered Wells; Points
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract:
These data depict clustered wells in point format. Note: these clustered well data are for display purposes only, as in the data atlas. See the original data "Well_pt."
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -168.289549
East_Bounding_Coordinate: -130.184050
North_Bounding_Coordinate: 72.200186
South_Bounding_Coordinate: 54.926914
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: Wells
Theme_Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Data were obtained from the North Slope Borough, Repsol, AOGCC, and ConocoPhillips Alaska. The data were then loaded into the feature class. The AOGCC data was assumed to be in NAD83 format. The original feature class for this derived feature class is Well_pt. For display purposes in the data atlas, well points were buffered to 250 meters. Next, the resulting polygons were dissolved into single part features. A join was then performed back to the original Well_pt feature class with a summary and sum value of the join. X and Y coordinates were calculated for the polygon centroids, the data were exported to a table, and finally the data was displayed as points labeled by the count of wells that fell within each buffer polygon. Data derived by RDI.

**Spatial Data Organization Information:**
- Direct_Spatial_Reference_Method: Vector
- Point_and_Vector_Object_Information:
  - SDTS_Terms_Description:
  - SDTS_Point_and_Vector_Object_Type: Entity point
  - Point_and_Vector_Object_Count: 1144

**Spatial Reference Information:**
- Horizontal_Coordinate_System_Definition:
  - Planar:
    - Map_Projection:
      - Map_Projection_Name: Albers Conical Equal Area
      - Albers-Conical-Equal-Area:
        - Standard_Parallel: 55.0
        - Standard_Parallel: 65.0
        - Longitude_of_Central_Meridian: -154.0
        - Latitude_of_Projection_Origin: 50.0
        - False_Easting: 0.0
        - False_Northing: 0.0
    - Planar_Coordinate_Information:
      - Planar_Coordinate_Encoding_Method: coordinate pair
      - Abscissa_Resolution: 0.0001
      - Ordinate_Resolution: 0.0001
      - Planar_Distance_Units:
      - Geodetic_Model:
        - Horizontal_Datum_Name: D North American 1983
        - Ellipsoid_Name: GRS 1980
        - Semi-major_Axis: 6378137.0
        - Denominator_of_Flattening_Ratio: 298.257222101
**Detailed_Description:**
Enterity_Type:
Entity_Type_Label: Clustered_Well_Derived_pt
Entity_Type_Definition:
Well data in point format provided by the source organizations, clustered by RDI.
Entity_Type_Definition_Source: RDI
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: Count_
Attribute_Definition: Count of the number of wells that are clustered at that point.
Attribute_Definition_Source: RDI
Attribute:
Attribute_Label: Centroid_X
Attribute_Definition:
Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI
Attribute:
Attribute_Label: Centroid_Y
Attribute_Definition:
Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

---

**Metadata_Reference_Information:**
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:40 2014
Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title: Derived Disposal Sites; Points
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
These data depict generalized disposal sites as points. Note: these data are for display purposes only, as in the data atlas. See the original data "DisposalSites_py."
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -148.519730
East Bounding Coordinate: -148.519730
North Bounding Coordinate: 70.287454
South Bounding Coordinate: 70.287454
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: location
Theme Keyword: structure
Theme Keyword: utilitiesCommunication
Theme Keyword: transportation
Theme Keyword: planningCadastre
Theme:
Theme Keyword Thesaurus: Unknown
Theme Keyword: Disposal
Theme Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact Person: GIS Public Access Coordinator
Contact Position: GIS Public Access Coordinator
Contact Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact Person: GIS Public Access Coordinator
Contact Position: GIS Public Access Coordinator
Contact Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035
Data Quality Information:
Logical Consistency Report: Unknown
Lineage:
Process Step:
Process Description:
Data were obtained from Repsol. The data were then loaded into the feature class. The original feature class for this derived data is DisposalSites_py. For display purposes in the data atlas, X and Y coordinates were calculated for the polygon centroids, the data were exported to a table, and finally the data was displayed. Data derived by RDI.
Process Date: 20140110

Spatial Data Organization Information:
Direct Spatial Reference Method: Vector
Point and Vector Object Information:
SDTS Terms Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 1

Spatial Reference Information:
Horizontal Coordinate System Definition:
Planar:
Map Projection:
Map Projection Name: Albers Conical Equal Area
Albers Conical Equal Area:
Standard Parallel: 55.0
Standard Parallel: 65.0
Longitude of Central Meridian: -154.0
Latitude of Projection Origin: 50.0
False Easting: 0.0
False Northing: 0.0
Planar Coordinate Information:
Planar Coordinate Encoding Method: coordinate pair
Coordinate Representation:
Abscissa Resolution: 0.0000000030536018158500163
Ordinate Resolution: 0.0000000030536018158500163
Planar Distance Units:
Geodetic Model:
Horizontal Datum Name: D North American 1983
Ellipsoid Name: GRS 1980
Semi-major Axis: 6378137.0
Denominator of Flattening Ratio: 298.257222101

Entity and Attribute Information:
Detailed Description:
Entity Type:
Entity Type Label: DisposalSites_Derived_pt
Entity Type Definition:
Disposal sites data in point format provided by the source organizations.

*Entity_Type_Definition_Source:* RDI

**Attribute:**

**Attribute_Label:** Source_FC  
**Attribute_Definition:** The name of the source featureclass, CAD file, or shapefile.  
**Attribute_Definition_Source:** RDI

**Attribute_Domain_Values:**

*Unrepresentable_Domain:* Name of source featureclass.

**Attribute:**

**Attribute_Label:** Type  
**Attribute_Definition:** Type of feature. Used for display and organization purposes.  
**Attribute_Definition_Source:** RDI

**Attribute_Domain_Values:**

*Unrepresentable_Domain:* Type of feature. Used for display and organization purposes.

**Attribute:**

**Attribute_Label:** Operator  
**Attribute_Definition:** Operator of the site.  
**Attribute_Definition_Source:** RDI

**Attribute_Domain_Values:**

*Unrepresentable_Domain:* Operator of the site.

**Attribute:**

**Attribute_Label:** DOG_Type  
**Attribute_Definition:** ADNR Division of Oil and Gas data type code.  
**Attribute_Definition_Source:** ADNR DOG

**Attribute_Domain_Values:**

*Enumerated_Domain:*

*Enumerated_Domain_Value: 6*

*Enumerated_Domain_Value_Definition:* Telephone

*Enumerated_Domain_Value_Definition_Source:* ADNR DOG

*Enumerated_Domain_Value: 2*

*Enumerated_Domain_Value_Definition:* Secondary Road

*Enumerated_Domain_Value_Definition_Source:* ADNR DOG

*Enumerated_Domain_Value: 7*

*Enumerated_Domain_Value_Definition:* Landing strip

*Enumerated_Domain_Value_Definition_Source:* ADNR DOG

*Enumerated_Domain_Value: 1*

*Enumerated_Domain_Value_Definition:* Highway

*Enumerated_Domain_Value_Definition_Source:* ADNR DOG

*Enumerated_Domain_Value: 10*

*Enumerated_Domain_Value_Definition:* Alaska Marine Highway

*Enumerated_Domain_Value_Definition_Source:* ADNR DOG

*Enumerated_Domain_Value: 4*
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11

Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9

Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8

Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3

Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0

Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5

Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Attribute:
Attribute_Label: Conf
Attribute_Definition: This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI

Attribute:
Attribute_Label: Status
Attribute_Definition: Status of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Status of the feature.
Attribute:
<table>
<thead>
<tr>
<th>Attribute Label</th>
<th>Definition</th>
<th>Source</th>
<th>Domain Values</th>
<th>Unrepresentable Domain</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBJECTID</td>
<td>Internal feature number.</td>
<td>Esri</td>
<td>Sequential unique whole numbers that are automatically generated by the GIS application.</td>
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<tr>
<td>Source_Org</td>
<td>The organization which provided this data.</td>
<td>RDI</td>
<td>Name of source organization.</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Name of the feature.</td>
<td>RDI</td>
<td>Name of the feature.</td>
<td></td>
</tr>
<tr>
<td>SHAPE</td>
<td>Feature geometry.</td>
<td>Esri</td>
<td>Coordinates defining the features.</td>
<td></td>
</tr>
<tr>
<td>Source_OID</td>
<td>The source data's original object ID.</td>
<td>RDI</td>
<td>Source object ID.</td>
<td></td>
</tr>
<tr>
<td>Desc</td>
<td>Description of the feature.</td>
<td>RDI</td>
<td>Description of the feature.</td>
<td></td>
</tr>
<tr>
<td>Centroid_X</td>
<td>X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
<td>RDI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Centroid_Y</td>
<td>Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.</td>
<td>RDI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI
Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:40 2014
Derived Gravel Pads; Points Metadata

- **Identification Information**
- **Data Quality Information**
- **Spatial Data Organization Information**
- **Spatial Reference Information**
- **Entity and Attribute Information**
- **Metadata Reference Information**

**Identification Information:**

Citation:

**Citation Information:**

**Publication Date:** 20140113

**Publication Time:** 020000

**Title:** Derived Gravel Pads; Points

**Geospatial Data Presentation Form:** vector digital data

**Description:**

**Abstract:**

These data depict generalized gravel pads as points. Note: these data are for display purposes only, as in the data atlas. See the original data "GravelPad_py."

**Purpose:**

This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

**Status:**

**Progress:** Complete

**Maintenance and Update Frequency:** None planned

**Spatial Domain:**

**Bounding Coordinates:**

- **West Bounding Coordinate:** -152.257449
- **East Bounding Coordinate:** -140.803568
- **North Bounding Coordinate:** 70.842660
- **South Bounding Coordinate:** 68.072060

**Keywords:**

**Theme:**

**Theme Keyword Thesaurus:** ISO 19115 Topic Categories

**Theme Keyword:** location

**Theme Keyword:** structure

**Theme Keyword:** utilitiesCommunication

**Theme Keyword:** transportation

**Theme Keyword:** planningCadastre

**Theme:**

**Theme Keyword Thesaurus:** Unknown

**Theme Keyword:** Alaska

**Theme Keyword:** North Slope
Theme_Keyword: Gravel Pad
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.

Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST

Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035
Data_Quality_Information:
  Logical_Consistency_Report: Unknown
Lineage:
  Process_Step:
  Process_Description:
  Data were obtained from BP, ADNR DOG, Brooks Range Petroleum Corporation, North Slope Borough, ConocoPhillips Alaska, and Repsol. The data were then loaded into the feature class. The original featureclass for this derived data is GravelPad_py. For display purposes in the data atlas, X and Y coordinates were calculated for the polygon centroids, the data were exported to a table, and finally the data was displayed. Data derived by RDI.
  Process_Date: 20140110

Spatial_Data_Organization_Information:
  Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
  SDTS_Terms_Description:
  SDTS_Point_and_Vector_Object_Type: Entity point
  Point_and_Vector_Object_Count: 1123

Spatial_Reference_Information:
  Horizontal_Coordinate_System_Definition:
    Planar:
    Map_Projection:
      Map_Projection_Name: Albers Conical Equal Area
      Albers_Conical_Equal_Area:
      Standard_Parallel: 55.0
      Standard_Parallel: 65.0
      Longitude_of_Central_Meridian: -154.0
      Latitude_of_Projection_Origin: 50.0
      False_Easting: 0.0
      False_Northing: 0.0
    Planar_Coordinate_Information:
      Planar_Coordinate_Encoding_Method: coordinate pair
      Coordinate_Representation:
      Abscissa_Resolution: 0.0001
      Ordinate_Resolution: 0.0001
      Planar_Distance_Units:
    Geodetic_Model:
      Horizontal_Datum_Name: D North American 1983
      Ellipsoid_Name: GRS 1980
      Semi-major_Axis: 6378137.0
      Denominator_of_Flattening_Ratio: 298.257222101

Entity_and_Attribute_Information:
  Detailed_Description:
  Entity_Type:
Entity_Type_Label: GravelPad_Derived_pt
Entity_Type_Definition: Gravel pad data in point format provided by the source organizations.
Entity_Type_Definition_Source: RDI

Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.

Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.

Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Attribute:
Attribute_Label: Source_OID
Attribute_Definition: The source data's original object ID.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Source object ID.
Attribute:
Attribute_Label: Name
Attribute_Definition:
Name of the feature; sometimes an abbreviation for labeling purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain:
Name of the feature; sometimes an abbreviation for labelling purposes.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
  Attribute_Label: Status
  Attribute_Definition: Status of the feature.
  Attribute_Definition_Source: RDI
  Attribute_Domain_Values:
Unrepresentable_Domain: Status of the feature.
Attribute:
  Attribute_Label: Purpose
  Attribute_Definition: Purpose of the gravel pad.
  Attribute_Definition_Source: RDI
  Attribute_Domain_Values:
Unrepresentable_Domain: Purpose of the gravel pad.
Attribute:
  Attribute_Label: Conf
  Attribute_Definition:
  This identifies if the source organization identified the data as confidential.
  Attribute_Definition_Source: RDI
  Attribute_Domain_Values:
Enumerated_Domain:
  Enumerated_Domain_Value: Y
  Enumerated_Domain_Value_Definition: Data is confidential.
  Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
  Enumerated_Domain_Value: N
  Enumerated_Domain_Value_Definition: Data is not confidential.
  Enumerated_Domain_Value_Definition_Source: RDI
Attribute:
  Attribute_Label: FullName
  Attribute_Definition:
  Full name of the gravel pad. Also the facility name, not abbreviated.
  Attribute_Definition_Source: RDI
  Attribute_Domain_Values:
Unrepresentable_Domain:
  Full name of the gravel pad. Also the facility name, not abbreviated.
Attribute:
  Attribute_Label: Desc
  Attribute_Definition: Description of the feature.
  Attribute_Definition_Source: RDI
  Attribute_Domain_Values:
Unrepresentable_Domain: Description of the feature.
Attribute:
  Attribute_Label: Operator
  Attribute_Definition: Operator of the gravel pad.
  Attribute_Definition_Source: RDI
Attribute Domain Values:
Unrepresentable Domain: Operator of the gravel pad.

Attribute:
Attribute Label: Type
Attribute Definition: Type of feature. Used for display and organization purposes.
Attribute Definition Source: RDI

Attribute Domain Values:
Unrepresentable Domain: Type of feature. Used for display and organization purposes.

Attribute:
Attribute Label: Centroid_X
Attribute Definition: X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute Definition Source: RDI

Attribute:
Attribute Label: Centroid_Y
Attribute Definition: Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute Definition Source: RDI

Attribute:
Attribute Label: Acquisition_Date
Attribute Definition: Date of data acquisition.
Attribute Definition Source: RDI

Overview Description:
Entity and Attribute Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata Reference Information:
Metadata Date: 20140226
Metadata Contact:
Contact Information:
Contact Organization Primary:
Contact Organization: Resource Data, Inc.
Contact Person: Bixler McClure
Contact Position: GIS Programmer/Analyst
Contact Address:
Address Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State or Province: AK
Postal Code: 99503
Derived Material Sites; Points Metadata

- **Identification Information**
- **Data Quality Information**
- **Spatial Data Organization Information**
- **Spatial Reference Information**
- **Entity and Attribute Information**
- **Metadata Reference Information**

**Identification Information:**

*Citation:*

*Citation Information:*

*Publication Date:* 20140113

*Publication Time:* 020000

*Title:* Derived Material Sites; Points

*Geospatial_Data_Presentation_Form:* vector digital data

*Description:*

*Abstract:*

These data depict generalized material sites as points. Note: these data are for display purposes only, as in the data atlas. See the original data "MaterialSite_py." For the North Slope Borough material site data, there are occasional duplicate records per material site because the original data had polygons for both the interior pad and the material site itself.

*Purpose:*

This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

*Status:*

*Progress:* Complete

*Maintenance_and_Update_Frequency:* None planned

*Spatial Domain:*

*Bounding Coordinates:*

*West_BoundingCoordinate:* -156.792965

*East_BoundingCoordinate:* -145.910189

*North_BoundingCoordinate:* 71.301822

*South_BoundingCoordinate:* 69.921701

*Keywords:*

*Theme:*

*Theme_Keyword_Thesaurus:* ISO 19115 Topic Categories

*Theme_Keyword:* location

*Theme_Keyword:* structure

*Theme_Keyword:* utilitiesCommunication

*Theme_Keyword:* transportation

*Theme_Keyword:* planningCadastre

*Theme:*
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: Material sites
Theme_Keyword: Alaska
Theme_Keyword: North Slope
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints:
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Data Quality Information:
Logical Consistency Report: Unknown
Lineage:
Process Step:
Process Description:
Data were obtained from the North Slope Borough and US DOT. The data were then loaded into the feature class. The data were then loaded into the feature class. The original feature class for this derived data is MaterialSite_py. For display purposes in the data atlas, X and Y coordinates were calculated for the polygon centroids, the data were exported to a table, and finally the data was displayed. Data derived by RDI. MTRS information was added from BLM polygon data.
Process Date: 20140110

Spatial Data Organization Information:
Direct Spatial Reference Method: Vector
Point and Vector Object Information:
SDTS Terms Description:
SDTS Point and Vector Object Type: Entity point
Point and Vector Object Count: 21

Spatial Reference Information:
Horizontal Coordinate System Definition:
Planar:
Map Projection:
Map Projection Name: Albers Conical Equal Area
Albers Conical Equal Area:
Standard Parallel: 55.0
Standard Parallel: 65.0
Longitude of Central Meridian: -154.0
Latitude of Projection Origin: 50.0
False Easting: 0.0
False Northing: 0.0
Planar Coordinate Information:
Planar Coordinate Encoding Method: coordinate pair
Coordinate Representation:
Abscissa Resolution: 0.000000030536018158500163
Ordinate Resolution: 0.000000030536018158500163
Planar Distance Units:
Geodetic Model:
Horizontal Datum Name: D North American 1983
Ellipsoid Name: GRS 1980
Semi-major Axis: 6378137.0
Denominator of Flattening Ratio: 298.257222101
Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: MaterialSite_Derived_pt
Entity_Type_Definition:
Material site data in point format provided by the source organizations.
Entity_Type_Definition_Source: RDI
Attribute:
Attribute_Label: Source_FC
Attribute_Definition: The name of the source featureclass, CAD file, or shapefile.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source featureclass.
Attribute:
Attribute_Label: Quality
Attribute_Definition: Quality of the material.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Quality of the material.
Attribute:
Attribute_Label: Type
Attribute_Definition: Type of feature. Used for display and organization purposes.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Type of feature. Used for display and organization purposes.
Attribute:
Attribute_Label: Potential
Attribute_Definition: Potential of the material site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Potential of the material site.
Attribute:
Attribute_Label: Operator
Attribute_Definition: Operator of the material site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Operator of the material site.
Attribute:
Attribute_Label: ADL
Attribute_Definition: ADL number of the site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: ADL number of the site.
Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 1
Enumerated_Domain_Value_Definition: Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 10
Enumerated_Domain_Value_Definition: Alaska Marine Highway
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 3
Enumerated_Domain_Value_Definition: Trail
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 5
Enumerated_Domain_Value_Definition: Electrical
Enumerated_Domain_Value_Definition_Source: ADNR DOG

Attribute:
Attribute_Label: Conf
Attribute_Definition: This identifies if the source organization identified the data as confidential.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Y
Enumerated_Domain_Value_Definition: Data is confidential.
Enumerated_Domain_Value_Definition_Source: RDI
Enumerated_Domain:
Enumerated_Domain_Value: N
Enumerated_Domain_Value_Definition: Data is not confidential.
Enumerated_Domain_Value_Definition_Source: RDI

Attribute:
Attribute_Label: Status
Attribute_Definition: Status of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Status of the feature.

Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated by the GIS application.

Attribute:
Attribute_Label: Source_Org
Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.

Attribute:
Attribute_Label: Quantity
Attribute_Definition: Quantity of the site.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Quantity of the site.

Attribute:
Attribute_Label: Name
Attribute_Definition: Name of the feature.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
**Unrepresentable_Domain:** Name of the feature.

**Attribute:**
**Attribute_Label:** Acreage
**Attribute_Definition:** Acreage of the site. Calculated by RDI in ArcMap.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**

**Unrepresentable_Domain:** Acreage of the site.

**Attribute:**
**Attribute_Label:** Site_ID
**Attribute_Definition:** Site ID of the material site.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**

**Unrepresentable_Domain:** Site ID of the material site.

**Attribute:**
**Attribute_Label:** SHAPE
**Attribute_Definition:** Feature geometry.
**Attribute_Definition_Source:** Esri
**Attribute_Domain_Values:**

**Unrepresentable_Domain:** Coordinates defining the features.

**Attribute:**
**Attribute_Label:** Source_OID
**Attribute_Definition:** The source data's original object ID.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**

**Unrepresentable_Domain:** Source object ID.

**Attribute:**
**Attribute_Label:** Desc
**Attribute_Definition:** Description of the feature.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**

**Unrepresentable_Domain:** Description of the feature.

**Attribute:**
**Attribute_Label:** MTRS
**Attribute_Definition:** MTRS location of the feature. Calculated by RDI based on MTRS polygons.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**

**Unrepresentable_Domain:** MTRS location of the feature.

**Attribute:**
**Attribute_Label:** RoadProximity_ft
**Attribute_Definition:** Approximate straight-line distance of the material site to the closest road based on received data, in feet. 0 means there is a road to the material site. Calculated by RDI.
**Attribute_Definition_Source:** RDI
**Attribute_Domain_Values:**

**Unrepresentable_Domain:**
Approximate straight-line distance of the material site to the closest road based on received data, in feet. 0 means there is a road to the material site. Calculated by RDI.

Attribute:
Attribute_Label: Centroid_X
Attribute_Definition: X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain:
X coordinate of the polygon centroid in meters. Calculated by RDI.

Attribute:
Attribute_Label: Centroid_Y
Attribute_Definition: Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain:
Y coordinate of the polygon centroid in meters. Calculated by RDI.

Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI

Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:42 2014
Derived Structures; Points Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Entity and Attribute Information
- Metadata Reference Information

Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title: Derived Structures; Points
Geospatial Data Presentation Form: vector digital data

Description:
Abstract:
These data depict generalized structures as points. Note: these data are for display purposes only, as in the data atlas. See the original data "Structure_py."

Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -165.847107
East Bounding Coordinate: -140.659562
North Bounding Coordinate: 72.200186
South Bounding Coordinate: 67.941023
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: location
Theme Keyword: structure
Theme Keyword: utilities Communication
Theme Keyword: transportation
Theme Keyword: planning Cadastre
Theme:
Theme Keyword Thesaurus: Unknown
Theme Keyword: Guywires
Theme Keyword: Powerlines
Use limited by Alaska DNR. Features identified with field CONF = "Y" were identified as confidential by the source organization.

Point_of_Contact:
Contact_Contact:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Data were obtained from BP, ConocoPhillips Alaska, and the North Slope Borough. The data were then loaded into the feature class. The original featureclass for this derived data is Structure_py. For display purposes in the data atlas, X and Y coordinates were calculated for the polygon centroids, the data were exported to a table, and finally the data was displayed. Data derived by RDI.

Process_Date: 20140110

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101
Detailed_Description:

Entity_Type:

Entity_Type_Label: Structure_Derived_pt

Entity_Type_Definition:
Structures data in point format provided by the source organizations.

Entity_Type_Definition_Source: RDI

Attribute:

Attribute_Label: Conf

Attribute_Definition:
This identifies if the source organization identified the data as confidential.

Attribute_Definition_Source: RDI

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: N

Enumerated_Domain_Value_Definition: Data is not confidential.

Enumerated_Domain_Value_Definition_Source: RDI

Enumerated_Domain:

Enumerated_Domain_Value: Y

Enumerated_Domain_Value_Definition: Data is confidential.

Enumerated_Domain_Value_Definition_Source: RDI

Attribute:

Attribute_Label: Desc

Attribute_Definition: Description of the feature.

Attribute_Definition_Source: RDI

Attribute_Domain_Values:

Unrepresentable_Domain: Description of the feature.

Attribute:

Attribute_Label: Status

Attribute_Definition: Status of the feature.

Attribute_Definition_Source: RDI

Attribute_Domain_Values:

Unrepresentable_Domain: Status of the feature.

Attribute:

Attribute_Label: Source_OID

Attribute_Definition: The source data's original object ID.

Attribute_Definition_Source: RDI

Attribute_Domain_Values:

Unrepresentable_Domain: Source object ID.

Attribute:

Attribute_Label: Name

Attribute_Definition: Name of the feature.

Attribute_Definition_Source: RDI

Attribute_Domain_Values:

Unrepresentable_Domain: Name of the feature.

Attribute:

Attribute_Label: Source_Org

Attribute_Definition: The organization which provided this data.
Attribute_Definition_Source: RDI
Attribute_Domain_Values:
Unrepresentable_Domain: Name of source organization.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: Esri
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated by the GIS application.
Attribute:
Attribute_Label: DOG_Type
Attribute_Definition: ADNR Division of Oil and Gas data type code.
Attribute_Definition_Source: ADNR DOG
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition: Forest Development Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 4
Enumerated_Domain_Value_Definition: Railroad
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 2
Enumerated_Domain_Value_Definition: Secondary Road
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 7
Enumerated_Domain_Value_Definition: Landing strip
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 0
Enumerated_Domain_Value_Definition: Unknown infrastructure
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 6
Enumerated_Domain_Value_Definition: Telephone
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 8
Enumerated_Domain_Value_Definition: Pipeline
Enumerated_Domain_Value_Definition_Source: ADNR DOG
Enumerated_Domain:
Enumerated_Domain_Value: 11
Enumerated_Domain_Value_Definition: Fiberoptic
<table>
<thead>
<tr>
<th>Enumerated_Domain_Value_Definition_Source:</th>
<th>ADNR DOG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enumerated_Domain:</td>
<td></td>
</tr>
<tr>
<td>Enumerated_Domain_Value:</td>
<td>10</td>
</tr>
<tr>
<td>Enumerated_Domain_Value_Definition:</td>
<td>Alaska Marine Highway</td>
</tr>
<tr>
<td>Enumerated_Domain_Value_Definition_Source:</td>
<td>ADNR DOG</td>
</tr>
<tr>
<td>Enumerated_Domain:</td>
<td></td>
</tr>
<tr>
<td>Enumerated_Domain_Value:</td>
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<td>Enumerated_Domain_Value_Definition:</td>
<td>Electrical</td>
</tr>
<tr>
<td>Enumerated_Domain_Value_Definition_Source:</td>
<td>ADNR DOG</td>
</tr>
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<td>Enumerated_Domain:</td>
<td></td>
</tr>
<tr>
<td>Enumerated_Domain_Value:</td>
<td>3</td>
</tr>
<tr>
<td>Enumerated_Domain_Value_Definition:</td>
<td>Trail</td>
</tr>
<tr>
<td>Enumerated_Domain_Value_Definition_Source:</td>
<td>ADNR DOG</td>
</tr>
<tr>
<td>Enumerated_Domain:</td>
<td></td>
</tr>
<tr>
<td>Enumerated_Domain_Value:</td>
<td>1</td>
</tr>
<tr>
<td>Enumerated_Domain_Value_Definition:</td>
<td>Highway</td>
</tr>
<tr>
<td>Enumerated_Domain_Value_Definition_Source:</td>
<td>ADNR DOG</td>
</tr>
</tbody>
</table>

**Attribute:**
- **Attribute_Label:** Operator
- **Attribute_Definition:** Operator of the structure.
- **Attribute_Definition_Source:** RDI
- **Unrepresentable_Domain:** Operator of the structure.

**Attribute:**
- **Attribute_Label:** Type
- **Attribute_Definition:** Type of feature. Used for display and organization purposes.
- **Attribute_Definition_Source:** RDI
- **Unrepresentable_Domain:** Type of feature. Used for display and organization purposes.

**Attribute:**
- **Attribute_Label:** Source_FC
- **Attribute_Definition:** The name of the source featureclass, CAD file, or shapefile.
- **Attribute_Definition_Source:** RDI
- **Unrepresentable_Domain:** Name of source featureclass.

**Attribute:**
- **Attribute_Label:** SHAPE
- **Attribute_Definition:** Feature geometry.
- **Attribute_Definition_Source:** Esri
- **Unrepresentable_Domain:** Coordinates defining the features.

**Attribute:**
- **Attribute_Label:** Centroid_X
- **Attribute_Definition:** X coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
- **Attribute_Definition_Source:** RDI
Attribute_Label: Centroid_Y
Attribute_Definition:
Y coordinate of the polygon centroid in NAD83 decimal degrees. Calculated by RDI.
Attribute_Definition_Source: RDI

Attribute:
Attribute_Label: Acquisition_Date
Attribute_Definition: Date of data acquisition.
Attribute_Definition_Source: RDI

Overview_Description:
Entity_and_Attribute_Overview:
The data in this feature class were obtained and consolidated from several source organizations as noted in the lineage. During this consolidation, data attributes were abstracted to load all similar information into a single field (for example Name, short description, feature_name would have all been loaded to NAME). Because the data did not always include a data dictionary, not all domains are defined. Please see the original data for full information from the data's originator. Data are provided as unchanged from source organizations. The fields populated by RDI for Alaska DNR are described in this metadata.

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:44 2014
Section 2 - Georeferenced PDF’s

Nikaitchuq-Spy Island Drill Site (SID) Civil-Site Plan Offshore Drilling Facilities

Metadata

- Identification_Information
- Data_Quality_Information
- Spatial_Data_Organization_Information
- Spatial_Reference_Information
- Metadata_Reference_Information

Identification_Information:
Citation:
Publication_Date: 20140113
Publication_Time: 020000
Title:
Nikaitchuq-Spy Island Drill Site (SID) Civil-Site Plan Offshore Drilling Facilities
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_BoundingCoordinate: -149.915908
East_BoundingCoordinate: -149.896168
North_BoundingCoordinate: 70.559754
South_BoundingCoordinate: 70.554479
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: location
Theme_Keyword: transportation
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: location
Theme_Keyword: planningCadastre
Theme_Keyword: transportation
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.

Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST

Data_Quality_Information:
Logical_Conistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1485
Column_Count: 1995

Spatial_Reference_Information:
  Horizontal_Coordinate_System_Definition:
  Planar:
  Map_Projection:
  Map_Projection_Name: Albers Conical Equal Area
  Albers_Conic_Equal_Area:
  StandardParallel: 55.0
  StandardParallel: 65.0
  Longitude_of_Central_Meridian: -154.0
  Latitude_of_Projection_Origin: 50.0
  False_Easting: 0.0
  False_Northing: 0.0
  Planar_Coordinate_Information:
  Planar_Coordinate_Encoding_Method: coordinate pair
  Coordinate_Representation:
  Abscissa_Resolution: 0.0000000030536018158500163
  Ordinate_Resolution: 0.0000000030536018158500163
  Planar_Distance_Units:
  Geodetic_Model:
  Horizontal_Datum_Name: D North American 1983
  Ellipsoid_Name: GRS 1980
  Semi-major_Axis: 6378137.0
  Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
  Metadata_Date: 20140226
  Metadata_Contact:
    Contact_Information:
    Contact_Organization_Primary:
      Contact_Organization: Resource Data, Inc.
      Contact_Person: Bixler McClure
      Contact_Position: GIS Programmer/Analyst
      Contact_Address:
        Address_Type: mailing and physical
        Address: 560 E. 34th Ave., Suite 100
        City: Anchorage
        State_or_Province: AK
        Postal_Code: 99503
        Country: US
        Contact_Voice_Telephone: 907-563-8100
        Contact_Facsimile_Telephone: 907-561-0159
        Contact_Electronic_Mail_Address: bmcclure@resdat.com
  Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Identification Information:

Citation:

Citation Information:
Publication Date: 20140113
Publication Time: 020000

Title:
Nikaitchuq-Oliktok Point Pad (OPP) Civil-Site Plan Onshore Process & Drilling Facilities

Geospatial Data Presentation Form: vector digital data

Description:

Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.

Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

Status:
Progress: Complete

Maintenance and Update Frequency: None planned

Spatial Domain:

Bounding Coordinates:
West Bounding Coordinate: -149.873803
East Bounding Coordinate: -149.856025
North Bounding Coordinate: 70.513071
South Bounding Coordinate: 70.507657

Keywords:

Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: location
Theme Keyword: transportation
Theme Keyword: structure
Theme Keyword: utilitiesCommunication
Theme Keyword: planningCadastre

Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: utilitiesCommunication
Theme_Keyword: structure
Theme_Keyword: location
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
**Spatial_Reference_Information:**

**Horizontal_Coordinate_System_Definition:**

*Planar:*

**Map_Projection:**

**Map_Projection_Name:** Albers Conical Equal Area

**Albers_Conic_Equal_Area:**

**Standard_Parallel:** 55.0

**Standard_Parallel:** 65.0

**Longitude_of_Central_Meridian:** -154.0

**Latitude_of_Projection_Origin:** 50.0

**False_Easting:** 0.0

**False_Northing:** 0.0

**Planar_Coordinate_Information:**

**Planar_Coordinate_Encoding_Method:** coordinate pair

**Coordinate_Representation:**

**Abscissa_Resolution:** 0.0000000030536018158500163

**Ordinate_Resolution:** 0.0000000030536018158500163

**Planar_Distance_Units:**

**Geodetic_Model:**

**Horizontal_Datum_Name:** D North American 1983

**Ellipsoid_Name:** GRS 1980

**Semi-major_Axis:** 6378137.0

**Denominator_of_Flattening_Ratio:** 298.257222101

---

**Metadata_Reference_Information:**

**Metadata_Date:** 20140226

**Metadata_Contact:**

**Contact_Address:**

**Address_Type:** mailing and physical

**Address:** 560 E. 34th Ave., Suite 100

**City:** Anchorage

**State_or_Province:** AK

**Postal_Code:** 99503

**Country:** US

**Contact_Voice_Telephone:** 907-563-8100

**Contact_Facsimile_Telephone:** 907-561-0159

**Contact_Electronic_Mail_Address:** bmcclure@resdat.com

**Metadata_Standard_Name:** FGDC Content Standard for Digital Geospatial Metadata

**Metadata_Standard_Version:** FGDC-STD-001-1998
Nikaitchuq-Kuparuk (KPL) General Notes, Key Map, Plan, & Section Gravel and Kuparuk Pipeline Tie-In (KPG02) Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Metadata Reference Information

Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title:
Nikaitchuq-Kuparuk (KPL) General Notes, Key Map, Plan, & Section Gravel and Kuparuk Pipeline Tie-In (KPG02)
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -149.732996
East Bounding Coordinate: -149.727010
North Bounding Coordinate: 70.337450
South Bounding Coordinate: 70.336019
Keywords:
Theme:
ThemeKeyword Thesaurus: ISO 19115 Topic Categories
ThemeKeyword: location
ThemeKeyword: transportation
ThemeKeyword: structure
ThemeKeyword: utilitiesCommunication
ThemeKeyword: planningCadastre
Theme:
ThemeKeyword Thesaurus: ISO 19115 Topic Categories
ThemeKeyword: utilitiesCommunication
Theme_Keyword: structure
Theme_Keyword: location
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment: Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_STEP:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1384
Column_Count: 2137

Spatial_Reference_Information:
  Horizontal_Coordinate_System_Definition:
    Planar:
      Map_Projection:
        Map_Projection_Name: Albers Conical Equal Area
        Albers_Conical_Equal_Area:
          Standard_Parallel: 55.0
          Standard_Parallel: 65.0
        Longitude_of_Central_Meridian: -154.0
        Latitude_of_Projection_Origin: 50.0
      False_Easting: 0.0
      False_Northing: 0.0
    Planar_Coordinate_Information:
      Planar_Coordinate_Encoding_Method: coordinate pair
      Coordinate_Representation:
        Abscissa_Resolution: 0.0000000030536018158500163
        Ordinate_Resolution: 0.0000000030536018158500163
    Planar_Distance_Units:
    Geodetic_Model:
      Horizontal_Datum_Name: D North American 1983
      Ellipsoid_Name: GRS 1980
      Semi-major_Axis: 6378137.0
      Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
  Metadata_Date: 20140226
  Metadata_Contact:
    Contact_Information:
      Contact_Organization_Primary:
        Contact_Organization: Resource Data, Inc.
        Contact_Person: Bixler McClure
        Contact_Position: GIS Programmer/Analyst
        Contact_Address:
          Address_Type: mailing and physical
          Address: 560 E. 34th Ave., Suite 100
          City: Anchorage
          State_or_Province: AK
          Postal_Code: 99503
          Country: US
        Contact_Voice_Telephone: 907-563-8100
        Contact_Facsimile_Telephone: 907-561-0159
        Contact_Electronic_Mail_Address: bmcclure@resdat.com
  Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Identification_Information:
Citation:
Citation_Information:
Publication_Date: 20140113
Publication_Time: 020000
Title:
Nikaitchuq Operating Center (NOC) Civil-Site Plan Operating Center Pad
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_BoundingCoordinate: -149.857228
East_BoundingCoordinate: -149.841264
North_BoundingCoordinate: 70.485126
South_BoundingCoordinate: 70.480984
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: location
Theme_Keyword: transportation
Theme_Keyword: structure
Theme_Keyword: utilitiesCommunication
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: utilitiesCommunication
Theme_Keyword: structure
Theme_Keyword: location
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Conistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1449
Column_Count: 2021

Spatial_Reference_Information:
  Horizontal_Coordinate_System_DEFINITION:
  Planar:
    Map_Projection:
      Map_Projection_Name: Albers Conical Equal Area
      Albers_Conical_Equal_Area:
      Standard_Parallel: 55.0
      Standard_Parallel: 65.0
      Longitude_of_Central_Meridian: -154.0
      Latitude_of_Projection_Origin: 50.0
      False_Easting: 0.0
      False_Northing: 0.0
  Planar_Coordinate_Information:
    Planar_Coordinate_Encoding_Method: coordinate pair
    Coordinate_Representation:
    Abscissa_Resolution: 0.0000000030536018158500163
    Ordinate_Resolution: 0.0000000030536018158500163
    Planar_Distance_Units:
  Geodetic_Model:
  Horizontal_Coordinate_Name: D North American 1983
  Ellipsoid_Name: GRS 1980
  Semi-major_Axis: 6378137.0
  Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
  Metadata_Date: 20140226
  Metadata_Contact:
    Contact_Information:
    Contact_Organization_Primary:
      Contact_Organization: Resource Data, Inc.
      Contact_Person: Bixler McClure
      Contact_Position: GIS Programmer/Analyst
      Contact_Address:
        Address_Type: mailing and physical
        Address: 560 E. 34th Ave., Suite 100
        City: Anchorage
        State_or_Province: AK
        Postal_Code: 99503
        Country: US
      Contact_Voice_Telephone: 907-563-8100
      Contact_Facsimile_Telephone: 907-561-0159
      Contact_Electronic_Mail_Address: bmcclure@resdat.com
  Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
  Metadata_Time_Convention: local time
Figure 2.4-5 Alternative B - Applicant's Proposed Action Sheet 1 of 2 Metadata

- Identification_Information
- Data_Quality_Information
- Spatial_Data_Organization_Information
- Spatial_Reference_Information
- Metadata_Reference_Information

Identification_Information:
Citation:
Citation_Information:
Publication_Date: 20140113
Publication_Time: 020000
Title:
Figure 2.4-5 Alternative B - Applicant's Proposed Action Sheet 1 of 2
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract:
This map image was georeferenced from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_BoundingCoordinate: -148.334275
East_BoundingCoordinate: -145.816501
North_BoundingCoordinate: 70.464215
South_BoundingCoordinate: 69.805240
Keywords:
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Theme:
Theme_Keyword_Thesaurus: None
Theme_Keyword: utilitiesCommunication
Theme_Keyword: structure
Theme_Keyword: location
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: transportation
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: planningCadastre
Theme_Keyword: utilitiesCommunication
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Description:
Data were obtained from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF, as downloaded from ARLIS, and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Type: Pixel
Row_Count: 1245
Column_Count: 1798

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
Metadata_Date: 20140226
Figure 2.4-5 Alternative B - Applicant’s Proposed Action Sheet 2 of 2 Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Metadata Reference Information

**Identification Information:**
- **Citation:**
  - **Publication Date:** 20140113
  - **Publication Time:** 020000
  - **Title:** Figure 2.4-5 Alternative B - Applicant’s Proposed Action Sheet 2 of 2
  - **Geospatial Data Presentation Form:** vector digital data
- **Description:**
  - **Abstract:**
    - This map image was georeferenced from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF.
- **Purpose:**
  - This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
- **Status:**
  - **Progress:** Complete
  - **Maintenance and Update Frequency:** None planned
- **Spatial Domain:**
  - **Bounding Coordinates:**
    - **West Bounding Coordinate:** -146.591505
    - **East Bounding Coordinate:** -146.008346
    - **North Bounding Coordinate:** 70.235938
    - **South Bounding Coordinate:** 70.083015
- **Keywords:**
  - **Theme:**
    - **Theme Keyword Thesaurus:** Unknown
    - **Theme Keyword:** North Slope
    - **Theme Keyword:** Alaska
  - **Theme:**
    - **Theme Keyword Thesaurus:** ISO 19115 Topic Categories
    - **Theme Keyword:** utilitiesCommunication
    - **Theme Keyword:** structure
    - **Theme Keyword:** location
    - **Theme Keyword:** transportation
    - **Theme Keyword:** planningCadastre
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: transportation
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: planningCadastre
Theme_Keyword: utilitiesCommunication
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact Information:
Contact_Organization_Primary:
Contact_Organization: AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact Information:
Contact_Organization_Primary:
Contact_Organization: AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
**Hours_of_Service:** 800-1600 AST  
**Native_Data_Set_Environment:**  
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

**Data_Quality_Information:**  
Logical_Consistency_Report: Unknown  
Lineage:  
Process_Step:  
Process_Description:  
Data were obtained from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF, as downloaded from ARLIS, and georeferenced and converted to TIFF by RDI.  
Process_Date: 20140110

**Spatial_Data_Organization_Information:**  
Direct_Spatial_Reference_Method: Vector  
Raster_Object_Information:  
Raster_Object_Type: Pixel  
Row_Count: 1237  
Column_Count: 1797

**Spatial_Reference_Information:**  
Horizontal_Coordinate_System_Definition:  
Planar:  
Map_Projection:  
Map_Projection_Name: Albers Conical Equal Area  
Albers_Conic_Equal_Area:  
Standard_Parallel: 55.0  
Standard_Parallel: 65.0  
Longitude_of_Central_Meridian: -154.0  
Latitude_of_Projection_Origin: 50.0  
False_Easting: 0.0  
False_Northing: 0.0  
Planar_Coordinate_Information:  
Planar_Coordinate_Encoding_Method: coordinate pair  
Coordinate_Representation:  
Abscissa_Resolution: 0.0000000030536018158500163  
Ordinate_Resolution: 0.0000000030536018158500163  
Planar_Distance_Units:  
Geodetic_Model:  
Horizontal_Datum_Name: D North American 1983  
Ellipsoid_Name: GRS 1980  
Semi-major_Axis: 6378137.0  
Denominator_of_Flattening_Ratio: 298.257222101

**Metadata_Reference_Information:**  
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:41 2014
Figure 2.4-26 Alternative B - Coastal Pads with Seasonal Ice Roads Sheet 1 of 2

Metadata

- **Identification Information**
- **Data Quality Information**
- **Spatial Data Organization Information**
- **Spatial Reference Information**
- **Metadata Reference Information**

**Identification Information:**

**Citation:**

**Citation Information:**

**Publication Date:** 20140113

**Publication Time:** 020000

**Title:**

Figure 2.4-26 Alternative B - Coastal Pads with Seasonal Ice Roads Sheet 1 of 2

**Geospatial Data Presentation Form:** vector digital data

**Description:**

**Abstract:**

This map image was georeferenced from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF.

**Purpose:**

This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

**Status:**

**Progress:** Complete

**Maintenance and Update Frequency:** None planned

**Spatial Domain:**

**Bounding Coordinates:**

**West Bounding Coordinate:** -148.297403

**East Bounding Coordinate:** -145.785923

**North Bounding Coordinate:** 70.478776

**South Bounding Coordinate:** 69.808799

**Keywords:**

**Theme:**

**Theme Keyword Thesaurus:** Unknown

**Theme Keyword:** North Slope

**Theme Keyword:** Alaska

**Theme:**

**Theme Keyword Thesaurus:** ISO 19115 Topic Categories

**Theme Keyword:** utilitiesCommunication

**Theme Keyword:** structure

**Theme Keyword:** location

**Theme Keyword:** transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: transportation
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: planningCadastre
Theme_Keyword: utilitiesCommunication
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_STEP:
Process_Description:
Data were obtained from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF, as downloaded from ARLIS, and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1258
Column_Count: 1774

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard Parallel: 55.0
Standard Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
Figure 2.4-27 Alternative B - Coastal Pads with Seasonal Ice Roads Sheet 2 of 2

Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Metadata Reference Information

Identification Information:

Citation:

Publication Date: 20140113
Publication Time: 020000
Title:
Figure 2.4-27 Alternative B - Coastal Pads with Seasonal Ice Roads Sheet 2 of 2

Geospatial Data Presentation Form: vector digital data
Description:

Abstract:
This map image was georeferenced from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF.

Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

Status:
Progress: Complete
Maintenance and Update Frequency: None planned

Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -146.587858
East Bounding Coordinate: -146.003397
North Bounding Coordinate: 70.235259
South Bounding Coordinate: 70.081655
Keywords:
Theme:
Theme Keyword Thesaurus: Unknown
Theme Keyword: North Slope
Theme Keyword: Alaska
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: utilitiesCommunication
Theme Keyword: structure
Theme Keyword: location
Theme Keyword: transportation

AK DNR DMLW and DOG
North Slope Planning Area
Geospatial Infrastructure Data March 31, 2014 247
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: transportation
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: planningCadastre
Theme_Keyword: utilitiesCommunication
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF, as downloaded from ARLIS, and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1239
Column_Count: 1795

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
AK DNR DMLW and DOG
North Slope Planning Area
Geospatial Infrastructure Data March 31, 2014
Figure 3.13-1 Land Ownership and Management Metadata

- **Identification Information**
- **Data Quality Information**
- **Spatial Data Organization Information**
- **Spatial Reference Information**
- **Metadata Reference Information**

**Identification Information:**
- **Citation:**
  - **Publication Date:** 20140113
  - **Publication Time:** 020000
  - **Title:** Figure 3.13-1 Land Ownership and Management
  - **Geospatial Data Presentation Form:** vector digital data
- **Description:**
  - **Abstract:** This map image was georeferenced from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF.
- **Purpose:**
  - This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
- **Status:**
  - **Progress:** Complete
  - **Maintenance and Update Frequency:** None planned
  - **Spatial Domain:**
    - **Bounding Coordinates:**
      - **West Bounding Coordinate:** -147.485615
      - **East Bounding Coordinate:** -145.381098
      - **North Bounding Coordinate:** 70.434715
      - **South Bounding Coordinate:** 69.882795
  - **Keywords:**
    - **Theme:**
      - **Theme Keyword Thesaurus:** Unknown
      - **Theme Keyword:** North Slope
      - **Theme Keyword:** Alaska
    - **Theme:**
      - **Theme Keyword Thesaurus:** ISO 19115 Topic Categories
      - **Theme Keyword:** utilitiesCommunication
      - **Theme Keyword:** structure
      - **Theme Keyword:** location
      - **Theme Keyword:** transportation
      - **Theme Keyword:** planningCadastre
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: transportation
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: planningCadastre
Theme_Keyword: utilitiesCommunication
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST

Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF, as downloaded from ARLIS, and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1238
Column_Count: 1795

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Figure 3.13-2 Leases and Development In and Near the Point Thomson Project

Metadata

- **Identification Information**
- **Data Quality Information**
- **Spatial Data Organization Information**
- **Spatial Reference Information**
- **Metadata Reference Information**

**Identification Information:**

**Citation:**

**Citation Information:**

**Publication Date:** 20140113

**Publication Time:** 020000

**Title:**

Figure 3.13-2 Leases and Development In and Near the Point Thomson Project

**Geospatial Data Presentation Form:** vector digital data

**Description:**

**Abstract:**

This map image was georeferenced from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF.

**Purpose:**

This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

**Status:**

**Progress:** Complete

**Maintenance and Update Frequency:** None planned

**Spatial Domain:**

**Bounding Coordinates:**

**West Bounding Coordinate:** -147.396053

**East Bounding Coordinate:** -145.446709

**North Bounding Coordinate:** 70.388371

**South Bounding Coordinate:** 69.879124

**Keywords:**

**Theme:**

**Theme Keyword Thesaurus:** Unknown

**Theme Keyword:** North Slope

**Theme Keyword:** Alaska

**Theme:**

**Theme Keyword Thesaurus:** ISO 19115 Topic Categories

**Theme Keyword:** utilitiesCommunication

**Theme Keyword:** structure

**Theme Keyword:** location

**Theme Keyword:** transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: transportation
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: planningCadastre
Theme_Keyword: utilitiesCommunication
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of>Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of(Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Data Quality Information:
Logical Consistency Report: Unknown
Lineage:
Process Step:
Process Description:
Data were obtained from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF, as downloaded from ARLIS, and georeferenced and converted to TIFF by RDI.
Process Date: 20140110

Spatial Data Organization Information:
Direct Spatial Reference Method: Vector
Raster Object Information:
Raster Object Type: Pixel
Row Count: 1235
Column Count: 1802

Spatial Reference Information:
Horizontal Coordinate System Definition:
Planar:
Map Projection:
Map Projection Name: Albers Conical Equal Area
Albers Conical Equal Area:
Standard Parallel: 55.0
Standard Parallel: 65.0
Longitude of Central Meridian: -154.0
Latitude of Projection Origin: 50.0
False Easting: 0.0
False Northing: 0.0
Planar Coordinate Information:
Planar Coordinate Encoding Method: coordinate pair
Coordinate Representation:
Abscissa Resolution: 0.0000000030536018158500163
Ordinate Resolution: 0.0000000030536018158500163
Planar Distance Units:
Geodetic Model:
Horizontal Datum Name: D North American 1983
Ellipsoid Name: GRS 1980
Semi-major Axis: 6378137.0
Denominator of Flattening Ratio: 298.257222101

Metadata Reference Information:
AK DNR DMLW and DOG
North Slope Planning Area
Geospatial Infrastructure Data March 31, 2014
Metadata_Date: 20140226
Metadata_Contact:
  Contact_Information:
  Contact_Organization_Primary:
    Contact_Organization: Resource Data, Inc.
    Contact_Person: Bixler McClure
    Contact_Position: GIS Programmer/Analyst
    Contact_Address:
      Address_Type: mailing and physical
      Address: 560 E. 34th Ave., Suite 100
      City: Anchorage
      State_or_Province: AK
      Postal_Code: 99503
      Country: US
    Contact_Voice_Telephone: 907-563-8100
    Contact_Facsimile_Telephone: 907-561-0159
    Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by np version 2.9.12 on Tue Mar 18 09:48:41 2014
Figure 3.14-1 Arctic National Wildlife Refuge Metadata

- **Identification Information**
  - Citation:
  - Citation Information:
  - Publication Date: 20140113
  - Publication Time: 020000
  - Title: Figure 3.14-1 Arctic National Wildlife Refuge
  - Geospatial Data Presentation Form: vector digital data
  - Description:
  - Abstract:
    This map image was georeferenced from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF.
  - Purpose:
    This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
  - Status:
  - Progress: Complete
  - Maintenance and Update Frequency: None planned

- **Spatial Domain**
  - Bounding Coordinates:
    - West Bounding Coordinate: -148.222413
    - East Bounding Coordinate: -142.410057
    - North Bounding Coordinate: 70.655714
    - South Bounding Coordinate: 69.106736

- **Keywords**
  - Theme:
    - Theme Keyword Thesaurus: Unknown
    - Theme Keyword: North Slope
    - Theme Keyword: Alaska
    - Theme:
    - Theme Keyword Thesaurus: ISO 19115 Topic Categories
    - Theme Keyword: utilitiesCommunication
    - Theme Keyword: structure
    - Theme Keyword: location
    - Theme Keyword: transportation
    - Theme Keyword: planningCadastre
    - Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: transportation
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: planningCadastre
Theme_Keyword: utilitiesCommunication
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF, as downloaded from ARLIS, and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1233
Column_Count: 1795

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conic_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by np version 2.9.12 on Tue Mar 18 09:48:41 2014
Figure 3.17-4 Existing Transportation Systems Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Metadata Reference Information

Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title: Figure 3.17-4 Existing Transportation Systems
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
This map image was georeferenced from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -148.996400
East Bounding Coordinate: -145.688238
North Bounding Coordinate: 70.685431
South Bounding Coordinate: 69.840493
Keywords:
Theme:
Theme Keyword Thesaurus: Unknown
Theme Keyword: North Slope
Theme Keyword: Alaska
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: utilitiesCommunication
Theme Keyword: structure
Theme Keyword: location
Theme Keyword: transportation
Theme Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: transportation
Theme_Keyword: location
Theme_Keyword: structure
Theme_Keyword: planningCadastre
Theme_Keyword: utilitiesCommunication
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of.Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Point_of.Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from the Point Thomson Project Final Environmental Impact Statement (July 2012) PDF, as downloaded from ARLIS, and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1226
Column_Count: 1808

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Nikaitchuq-North Slope Development (NSD) Electrical Underground Power Plan Oliktok Point Area Underground Installation (PLE01) Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Metadata Reference Information

Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title:
Nikaitchuq-North Slope Development (NSD) Electrical Underground Power Plan Oliktok Point Area Underground Installation (PLE01)
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -149.895321
East Bounding Coordinate: -149.821406
North Bounding Coordinate: 70.517207
South Bounding Coordinate: 70.481870
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: location
Theme Keyword: transportation
Theme Keyword: structure
Theme Keyword: utilitiesCommunication
Theme Keyword: planningCadastre
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: utilitiesCommunication
Theme_Keyword: structure
Theme_Keyword: location
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1681
Column_Count: 1170

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Faxsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:42 2014
Eni OPP Barge Landing Asbuilt Location Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Metadata Reference Information

Identification Information:
Citation:
Publication Date: 20140113
Publication Time: 020000
Title: Eni OPP Barge Landing Asbuilt Location
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -149.906155
East Bounding Coordinate: -149.829110
North Bounding Coordinate: 70.529884
South Bounding Coordinate: 70.497413
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: location
Theme Keyword: transportation
Theme Keyword: structure
Theme Keyword: utilitiesCommunication
Theme Keyword: planningCadastre
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: utilitiesCommunication
Theme Keyword: structure
Theme Keyword: location
Theme Keyword: transportation
Theme_Keyword: planningCadastre
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1335
Column_Count: 1072
Spatial_Reference_Information:
  Horizontal_Coordinate_System_Definition:
  Planar:
  Map_Projection:
  Map_Projection_Name: Albers Conical Equal Area
  Albers_Conic_Equal_Area:
  Standard_Parallel: 55.0
  Standard_Parallel: 65.0
  Longitude_of_Central_Meridian: -154.0
  Latitude_of_Projection_Origin: 50.0
  False_Easting: 0.0
  False_Northing: 0.0
  Planar_Coordinate_Information:
  Planar_Coordinate_Encoding_Method: coordinate pair
  Coordinate_Representation:
  Abscissa_Resolution: 0.0000000030536018158500163
  Ordinate_Resolution: 0.0000000030536018158500163
  Planar_Distance_Units:
  Geodetic_Model:
  Horizontal_Datum_Name: D North American 1983
  Ellipsoid_Name: GRS 1980
  Semi-major_Axis: 6378137.0
  Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
  Metadata_Date: 20140226
  Metadata_Contact:
  Contact_Information:
  Contact_Organization_Primary:
  Contact_Organization: Resource Data, Inc.
  Contact_Person: Bixler McClure
  Contact_Position: GIS Programmer/Analyst
  Contact_Address:
  Address_Type: mailing and physical
  Address: 560 E. 34th Ave., Suite 100
  City: Anchorage
  State_or_Province: AK
  Postal_Code: 99503
  Country: US
  Contact_Voice_Telephone: 907-563-8100
  Contact_Facsimile_Telephone: 907-561-0159
  Contact_Electronic_Mail_Address: bmcclure@resdat.com
  Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
  Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:42 2014
Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title:
Nikaitchuq North Slope Development (NSD) Pipeline - Plan & Section Road Crossing at DS-3Q (PLR02)
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -149.848525
East Bounding Coordinate: -149.840202
North Bounding Coordinate: 70.483707
South Bounding Coordinate: 70.481704
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: transportation
Theme Keyword: utilitiesCommunication
Theme Keyword: planningCadastre
Theme Keyword: location
Theme Keyword: structure
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: utilitiesCommunication
Theme_Keyword: structure
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme_Keyword: location
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1362
Column_Count: 2071

Spatial_Reference_Information:
  Horizontal_Coordinate_System_Definition:
    Planar:
      Map_Projection:
        Map_Projection_Name: Albers Conical Equal Area
        Albers_Conical_Equal_Area:
          StandardParallel: 55.0
          StandardParallel: 65.0
          Longitude_of_Central_Meridian: -154.0
          Latitude_of_Projection_Origin: 50.0
          False_Easting: 0.0
          False_Northing: 0.0
      Planar_Coordinate_Information:
        Planar_Coordinate_Encoding_Method: coordinate pair
        Coordinate_Representation:
          Abscissa_Resolution: 0.0000000030536018158500163
          Ordinate_Resolution: 0.0000000030536018158500163
      Planar_Distance_Units:
      Geodetic_Model:
        Horizontal_Datum_Name: D North American 1983
        Ellipsoid_Name: GRS 1980
        Semi-major_Axis: 6378137.0
        Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
  Metadata_Date: 20140226
  Metadata_Contact:
    Contact_Information:
      Contact_Organization_Primary:
        Contact_Organization: Resource Data, Inc.
        Contact_Person: Bixler McClure
        Contact_Position: GIS Programmer/Analyst
        Contact_Address:
          Address_Type: mailing and physical
          Address: 560 E. 34th Ave., Suite 100
          City: Anchorage
          State_or_Province: AK
          Postal_Code: 99503
          Country: US
          Contact_Voice_Telephone: 907-563-8100
          Contact_Facsimile_Telephone: 907-561-0159
          Contact_Electronic_Mail_Address: bmcclure@resdat.com
  Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Nikaitchuq North Slope Development (NSD) Pipeline - Plan & Section Road Crossing at DS-3N (PLR02) Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Metadata Reference Information

Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title:
Nikaitchuq North Slope Development (NSD) Pipeline - Plan & Section Road Crossing at DS-3N (PLR02)
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -149.817232
East Bounding Coordinate: -149.808706
North Bounding Coordinate: 70.437000
South Bounding Coordinate: 70.434938
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: transportation
Theme Keyword: utilitiesCommunication
Theme Keyword: planningCadastre
Theme Keyword: location
Theme Keyword: structure
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: utilitiesCommunication
Theme_Keyword: structure
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme_Keyword: location
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1380
Column_Count: 2091

Spatial_Reference_Information:
  Horizontal_Coordinate_System_Definition:
    Planar:
      Map_Projection:
        Map_Projection_Name: Albers Conical Equal Area
        Albers_Conic_Equal_Area:
          Standard_Parallel: 55.0
          Standard_Parallel: 65.0
        Longitude_of_Central_Meridian: -154.0
        Latitude_of_Projection_Origin: 50.0
      False_Easting: 0.0
      False_Northing: 0.0
    Planar_Coordinate_Information:
      Planar_Coordinate_Encoding_Method: coordinate pair
      Coordinate_Representation:
        Abscissa_Resolution: 0.0000000030536018158500163
        Ordinate_Resolution: 0.0000000030536018158500163
    Planar_Distance_Units:
    Geodetic_Model:
      Horizontal_Datum_Name: D North American 1983
      Ellipsoid_Name: GRS 1980
      Semi-major_Axis: 6378137.0
      Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
  Metadata_Date: 20140226
  Metadata_Contact:
    Contact_Information:
      Contact_Organization_Primary:
        Contact_Organization: Resource Data, Inc.
        Contact_Person: Bixler McClure
        Contact_Position: GIS Programmer/Analyst
        Contact_Address:
          Address_Type: mailing and physical
          Address: 560 E. 34th Ave., Suite 100
          City: Anchorage
          State_orProvince: AK
          Postal_Code: 99503
          Country: US
        Contact_Voice_Telephone: 907-563-8100
        Contact_Facsimile_Telephone: 907-561-0159
        Contact_Electronic_Mail_Address: bmcclure@resdat.com
    Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Identification Information:

Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title:
Nikaitchuq North Slope Development (NSD) Pipeline - Plan & Section Road Crossing at CPF3 (PLR02)

Geospatial Data Presentation Form: vector digital data

Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.

Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.

Status:
Progress: Complete
Maintenance and Update Frequency: None planned

Spatial Domain:
BoundingBox:
West Bounding Coordinate: -149.817743
East Bounding Coordinate: -149.809087
North Bounding Coordinate: 70.398917
South Bounding Coordinate: 70.396821

Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: transportation
Theme Keyword: utilitiesCommunication
Theme Keyword: planningCadastre
Theme Keyword: location
Theme Keyword: structure
Theme:
Theme_Keyword: structure
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme_Keyword: location
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1385
Column_Count: 2098

Spatial_Reference_Information:
  Horizontal_Coordinate_System_Definition:
    Planar:
      Map_Projection:
        Map_Projection_Name: Albers Conical Equal Area
        Albers_Conical_Equal_Area:
          Standard_Parallel: 55.0
          Standard_Parallel: 65.0
          Longitude_of_Central_Meridian: -154.0
          Latitude_of_Projection_Origin: 50.0
          False_Easting: 0.0
          False_Northing: 0.0
    Planar_Coordinate_Information:
      Planar_Coordinate_Encoding_Method: coordinate pair
      Coordinate_Representation:
        Abscissa_Resolution: 0.0000000030536018158500163
        Ordinate_Resolution: 0.0000000030536018158500163
        Planar_Distance_Units:
          Geodetic_Model:
            Horizontal_Datum_Name: D North American 1983
            Ellipsoid_Name: GRS 1980
            Semi-major_Axis: 6378137.0
            Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
  Metadata_Date: 20140226
  Metadata_Contact:
    Contact_Information:
      Contact_Organization_Primary:
        Contact_Organization: Resource Data, Inc.
        Contact_Person: Bixler McClure
        Contact_Position: GIS Programmer/Analyst
        Contact_Address:
          Address_Type: mailing and physical
          Address: 560 E. 34th Ave., Suite 100
          City: Anchorage
          State_or_Province: AK
          Postal_Code: 99503
          Country: US
        Contact_Voice_Telephone: 907-563-8100
        Contact_Facsimile_Telephone: 907-561-0159
        Contact_Electronic_Mail_Address: bmcclure@resdat.com
  Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title:
Nikaitchuq North Slope Development (NSD) Pipeline - Plan & Section Road Crossing at DS-1Y (PLR02)
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -149.743185
East Bounding Coordinate: -149.733392
North Bounding Coordinate: 70.344049
South Bounding Coordinate: 70.341663
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: transportation
Theme Keyword: utilitiesCommunication
Theme Keyword: planningCadastre
Theme Keyword: location
Theme Keyword: structure
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: utilitiesCommunication
Theme_Keyword: structure
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme_Keyword: location
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_or_Province: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1379  
Column_Count: 2081

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition: Planar:
Map_Projection: 
Map_Projection_Name: Albers Conical Equal Area 
Albers_Conica_Equal_Area: 
Standard_Parallel: 55.0  
Standard_Parallel: 65.0 
Longitude_of_Central_Meridian: -154.0 
Latitude_of_Projection_Origin: 50.0 
False_Easting: 0.0  
False_Northing: 0.0 
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair 
Coordinate_Representation: 
Abscissa_Resolution: 0.0000000030536018158500163 
Ordinate_Resolution: 0.0000000030536018158500163 
Planar_Distance_Units: 
Geodetic_Model: 
Horizontal_Datum_Name: D North American 1983 
Ellipsoid_Name: GRS 1980 
Semi-major_Axis: 6378137.0 
Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
Metadata_Date: 20140226 
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.  
Contact_Person: Bixler McClure 
Contact_Position: GIS Programmer/Analyst 
Contact_Address: 
Address_Type: mailing and physical 
Address: 560 E. 34th Ave., Suite 100  
City: Anchorage 
State_or_Province: AK 
Postal_Code: 99503 
Country: US 
Contact_Voice_Telephone: 907-563-8100 
Contact_Facsimile_Telephone: 907-561-0159 
Contact_Electronic_Mail_Address: bmcclure@resdat.com 
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata 
Metadata_Time_Convention: local time

Generated by mp version 2.9.12 on Tue Mar 18 09:48:43 2014
Nikaitchuq North Slope Development (NSD) Pipeline - Plan & Section Road Crossing at Spine Road (PLR02) Metadata

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Metadata Reference Information

Identification Information:
Citation:
Citation Information:
Publication Date: 20140113
Publication Time: 020000
Title:
Nikaitchuq North Slope Development (NSD) Pipeline - Plan & Section Road Crossing at Spine Road (PLR02)
Geospatial Data Presentation Form: vector digital data
Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance and Update Frequency: None planned
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -149.734875
East Bounding Coordinate: -149.726153
North Bounding Coordinate: 70.337565
South Bounding Coordinate: 70.335443
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: transportation
Theme Keyword: utilitiesCommunication
Theme Keyword: planningCadastre
Theme Keyword: location
Theme Keyword: structure
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: utilitiesCommunication
Theme_Keyword: structure
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme_Keyword: location
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 1383
Column_Count: 2092

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conical_Equal_Area:
Standard_Parallel: 55.0
Standard_Parallel: 65.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Facsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Identification_Information:

Citation:
Citation_Information:
Publication_Date: 20140113
Publication_Time: 020000
Title:
Nikaitchuq Development 2010 Flowline Route Monitoring Program Regional Overview & Index Map
Geospatial_Data_Presentation_Form: vector digital data
Description:
Abstract:
This map image was georeferenced from a PDF provided by Eni Petroleum.
Purpose:
This dataset was developed for the Alaska Department of Natural Resources under TOPS Contract 0086-10-13-010 to compile existing data of infrastructure and material sources on the North Slope of Alaska. Data were compiled by Resource Data, Inc. in 2013-2014 from existing data supplied by various organizations.
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_BoundingCoordinate: -150.029631
East_BoundingCoordinate: -149.714702
North_BoundingCoordinate: 70.573788
South_BoundingCoordinate: 70.497116
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: transportation
Theme_Keyword: utilitiesCommunication
Theme_Keyword: planningCadastre
Theme_Keyword: location
Theme_Keyword: structure
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Categories
Theme_Keyword: utilitiesCommunication
Theme_Keyword: structure
Theme_Keyword: transportation
Theme_Keyword: planningCadastre
Theme_Keyword: location
Theme:
Theme_Keyword_Thesaurus: Unknown
Theme_Keyword: North Slope
Theme_Keyword: Alaska
Temporal:
Temporal_Keyword_Thesaurus: Unknown
Temporal_Keyword: Unknown
Access_Constraints: None
Use_Constraints: Use limited by Alaska DNR.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization:
AK Department of Natural Resources - Information Resource Management Section
Contact_Person: GIS Public Access Coordinator
Contact_Position: GIS Public Access Coordinator
Contact_Address:
Address_Type: mailing and physical
Address: 550 W. 7th Suite 706
City: Anchorage
State_orProvince: AK
Postal_Code: 99501
Country: US
Contact_Voice_Telephone: 907 269 8839
Contact_Facsimile_Telephone: 907 269 8920
Contact_Electronic_Mail_Address: dnr.gispub@alaska.gov
Hours_of_Service: 800-1600 AST
Native_Data_Set_Environment:
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.0.3035

Data_Quality_Information:
Logical_Consistency_Report: Unknown
Lineage:
Process_Step:
Process_Description:
Data were obtained from Eni Petroleum and georeferenced and converted to TIFF by RDI.
Process_Date: 20140110

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Raster_Object_Information:
Raster_Object_Type: Pixel
Row_Count: 845
Column_Count: 1264

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Albers Conical Equal Area
Albers_Conic_Equal_Area:
Standard_Parallel: 55.0
Longitude_of_Central_Meridian: -154.0
Latitude_of_Projection_Origin: 50.0
False_Easting: 0.0
False_Northing: 0.0
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.0000000030536018158500163
Ordinate_Resolution: 0.0000000030536018158500163
Planar_Distance_Units:
Geodetic_Model:
Horizontal_Datum_Name: D North American 1983
Ellipsoid_Name: GRS 1980
Semi-major_Axis: 6378137.0
Denominator_of_Flattening_Ratio: 298.257222101

Metadata_Reference_Information:
Metadata_Date: 20140226
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Resource Data, Inc.
Contact_Person: Bixler McClure
Contact_Position: GIS Programmer/Analyst
Contact_Address:
Address_Type: mailing and physical
Address: 560 E. 34th Ave., Suite 100
City: Anchorage
State_or_Province: AK
Postal_Code: 99503
Country: US
Contact_Voice_Telephone: 907-563-8100
Contact_Faxsimile_Telephone: 907-561-0159
Contact_Electronic_Mail_Address: bmcclure@resdat.com
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata