ArcGIS Pro Permitting and Environmental Information Tool

OVERVIEW AND USER INSTRUCTIONS



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DISCLAIMER

This document is intended solely to assist federal broadband grant recipients and subgrantees in better understanding Infrastructure Investment and Jobs Act (IIJA) broadband grant programs and the requirements set forth in the Notice of Funding Opportunity (NOFO) for this program. This document does not and is not intended to supersede, modify, or otherwise alter applicable statutory or regulatory requirements, the terms and conditions of the award, or the specific application requirements set forth in the NOFO. In all cases, statutory and regulatory mandates, the terms and conditions of the award, the requirements set forth in the NOFO, and follow-on policies and guidance, shall prevail over any inconsistencies contained in this document.

NTIA's ArcGIS Pro Permitting and Environmental Information Tool (APPEIT) should be used for informational purposes only and is intended solely to assist users with preliminary identification of broadband deployments that may require permits or planning to avoid potentially significant impacts to environmental resources subject to the National Environmental Policy Act (NEPA) and other statutory requirements.

The tool is not an exhaustive or complete resource and does not and is not intended to substitute for, supersede, modify, or otherwise alter any applicable statutory or regulatory requirements, or the specific application requirements set forth in any NTIA NOFO, Terms and Conditions, or Special Award Condition. In all cases, statutory and regulatory mandates, and the requirements set forth in NTIA grant documents, shall prevail over any inconsistencies contained in these templates.

The tool relies on publicly available data available on the websites of other federal, state, local, and Tribal agencies, and in some instances, private organizations and research institutions. Layers identified with a double asterisk include information relevant to determining if an "extraordinary circumstance" may warrant more detailed environmental review when a categorical exclusion may otherwise apply. While NTIA continues to make amendments to its websites to comply with Section 508, NTIA cannot ensure Section 508 compliance of federal and non-federal websites or resources users may access from links on NTIA websites.

All data is presented "as is," "as available" for informational purposes. NTIA does not warrant the accuracy, adequacy, or completeness of this information and expressly disclaims liability for any errors or omissions.

Please e-mail IFAanalytics@ntia.gov with any questions.



PURPOSE AND OVERVIEW

The Department of Commerce's National Telecommunications and Information Administration (NTIA) is providing the ArcGIS Pro Permitting and Environmental Information Tool (APPEIT) to help federal broadband grant recipients and subgrantees identify permits and environmental factors as they plan routes for their broadband deployments. Identifying permit requirements early, initiating pre-application coordination with permitting agencies, and avoiding environmental impacts help drive successful infrastructure projects.

NTIA's public release of the APPEIT tool supports government-wide efforts to improve permitting and explore how online and digital technologies can promote efficient environmental reviews.

INTRODUCTION TECHNICAL DESCRIPTION

This Esri ArcGIS Pro tool was created to support permitting, planning, and environmental review preparation efforts by providing access to data layers from publicly available sources, including federal review, permitting, and resource agencies. For the full list of APPEIT layers, see Appendix Table 1. The tool is comprised of an ArcGIS Pro Project containing a custom ArcGIS Toolbox tool, linked web map shared by the NTIA's National Broadband Map (NBAM), a report template, and a Tasks item to guide users through using the tool. This ArcGIS Pro project and its contents (maps and data) are consolidated into a packaged (.ppkx) project file.

To use APPEIT, users will input a project area boundary or project route line in a shapefile or feature class format. The tool will return as a CSV and PDF report that lists any federal layers from the <u>ArcGIS Pro Permitting and Environmental Information Web Map</u> that intersect the project. Users may only input a single project area or line at a time; multiple projects or project segments will need to be screened separately. For project route lines, users are required to specify a buffer distance. The buffer distance that is used for broadband projects should be determined by the area of anticipated impact and should generally not exceed 500 feet. For example, the State of Maryland recommends a 100-foot buffer for broadband permitting.¹ The tool restricts buffers to two miles to ensure relevant results.

For additional information about tasks or project packages see the Esri documentation below.

- Introduction to Tasks
- Project Packages



¹ Navigating-Broadband-Permitting-Process.pdf NTIA | 4

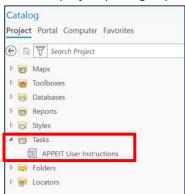
SYSTEM REQUIREMENTS

Please confirm that your system meets the <u>minimum requirements</u> to run ArcGIS Pro, and that you have ArcGIS Pro version 3.x installed. If needed, update your ArcGIS Pro software to the latest available version before opening the APPEIT project package. The tool has been designed to work with a basic-level license or above.

DOWNLOAD AND SETUP

SETUP

- Use this <u>link</u> to download the project package, which is available at: https://nbam.maps.arcgis.com/home/item.html?id=37fa42c6313e4bdb9d8a9c05d2624891.
- 2. Navigate to your downloads folder, open ["APPEIT_Public_20250228.ppkx"]
 - If prompted, choose a folder location to open and unpack the ArcGIS Pro project structure.
 - If you are not prompted, the project unpacks to the default location set in the Sharing and Download section of your ArcGIS Pro Options. This setting can be found under the Project Tab > Options > Sharing and Download.
- 3. Once the project package opens, navigate to the Catalog pane and select the Tasks dropdown.

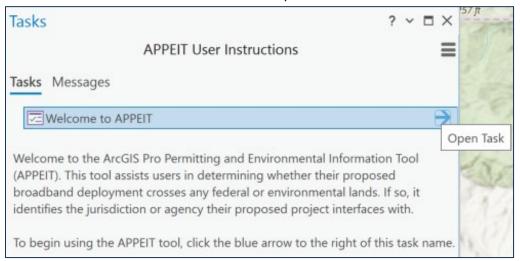


4. Double click the APPEIT User Instructions task, and a Task pane will open. You are now ready to use the tool!

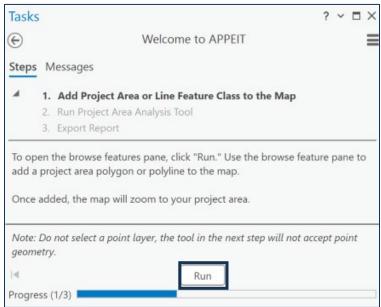


RUN APPEIT

1. Double click "Welcome to APPEIT" in the Tasks pane

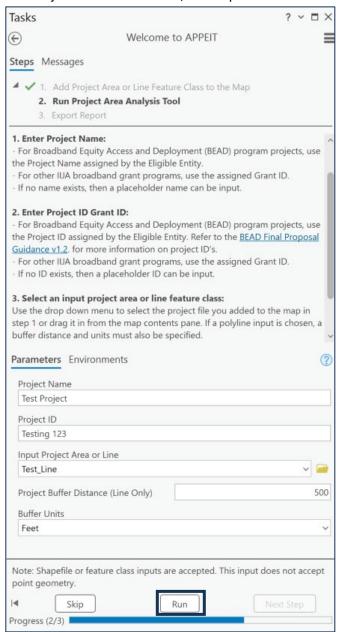


2. The first task instructs you to add your project file. This can be a polygon or a line but must represent a single project. The tool cannot incorporate multiple projects in one run, however, the tool can screen discontinuous segments/areas of a single project.



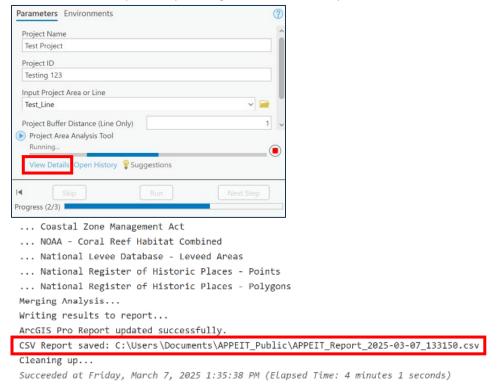
- 3. Click Run and the "Add Data" pane will open. Navigate to your file and click "Open" to add your file to the map.
- 4. The map will zoom to the area of your file and the task will proceed to the next step.
- 5. Enter the Project Name and Project ID / Grant ID.
 - a. For Broadband Equity Access and Deployment (BEAD) program projects, use the Project ID assigned by the Eligible Entity. Refer to the BEAD Final Proposal Guidance v1.2. for more information on project ID's.
 - b. For other IIJA broadband grant programs, use the assigned Grant ID.

c. If no Project Name or ID exists, then a placeholder name and ID can be entered.

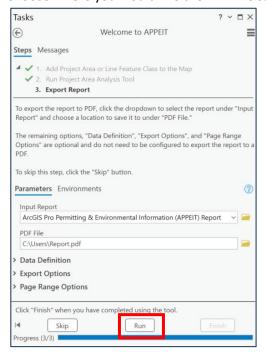


- 6. Use the drop-down menu to select the project file you added to the map in step 3 or drag it in from the map contents pane.
 - a. Optionally, use browse button to add a different project area or line feature class directly to the tool.
- 7. If your project area file is a line, you must specify a Project Buffer Distance and select one of the Buffer Unit options from the dropdown. If your project area file is a polygon, no additional settings are necessary. Please reference buffer distance recommendations in the technical description section of this document.
- 8. Click Run.
- 9. To view the tool's progress, click "View Details". Here you can see messages about the tool's progress. Depending on the size of your project, it is estimated that each run will take

approximately 10-20 minutes. When the tool completes, it will provide a message with the location of a CSV report output. To generate the PDF report, continue to the next step.



- 10. Once the tool is completed, click Next Step.
- 11. Within the 'Tasks' pane, navigate to the Input Report dropdown and select "ArcGIS Pro Permitting & Environmental Information (APPEIT) Report."
- 12. Choose where you would like the PDF File saved.

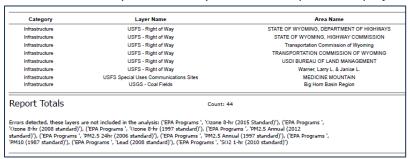




- 13. Ignore the additional options on this page. Data Definition, Export Options, and Page Range options give you additional settings to modify the output report, but it is recommended that no changes should be made.
- 14. Click Run.
- 15. Once this step is completed, you can review the PDF report output. The report output lists any layer(s) that has an overlap with the project area or line input. The report will include the layer category, layer name, and a subcategory area name. Some layers do not have a subcategory breakdown and are simply listed as presence/absence. These layers will show 'NA' as the area name.

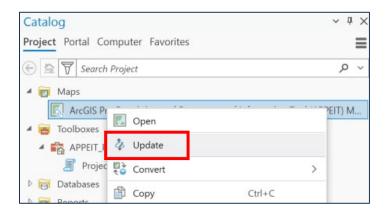
| Category | Layer Name | Area Name |
|--------------------|---|--|
| EPA Programs | Impaired Waters - Assessment Lines | Bighom River |
| EPA Programs | Impaired Waters - Assessment Lines | Dry Creek |
| EPA Programs | Impaired Waters - Assessment Lines | Shell Creek |
| EPA Programs | Integrated Compliance Information System for Air (AIR) | NA |
| EPA Programs | National Pollutant Discharge Elimination System Sites (NPDES) | NA |
| EPA Programs | Resource Conservation and Recovery Act (RCRA) | Other Hazardous Waste Sites |
| EPA Programs | Resource Conservation and Recovery Act (RCRA) | Unknown |
| EPA Programs | Resource Conservation and Recovery Act (RCRA) | Very Small Quantiity Generator |
| ederal/Tribal Land | BLM Lands | Bureau of Land Management |
| ederal/Tribal Land | GSA Federal Real Property | FOREST SERVICE |
| ederal/Tribal Land | USFS Surface Ownership Parcels | Bighorn National Forest |
| oodplains/Wetands | FEMA Flood Hazard Zones | NA |
| oodplains/Wetands | National Levee Database - Leveed Areas | Greybull - Bighorn LB & Dry Creek RB |
| oodplains/Wetands | USFWS Wetlands | NA |
| Infrastructure | EIA - Crude Oil Trunk Pipelines | SPECTRA ENERGY |
| Infrastructure | EIA - Natural Gas Interstate and Intrastate Pipelines | WBI Energy Transmission |
| Infrastructure | Electric Power Transmission Lines (HIFLD) | PACIFICORP |
| Infrastructure | Electric Retail Service Territories (HIFLD) | BIG HORN RURAL ELECTRIC CO |
| Infrastructure | Electric Retail Service Territories (HIFLD) | PACIFICORP |
| Infrastructure | Electric Retail Service Territories (HIFLD) | WAPA WESTERN AREA POWER ADMINISTRATION |
| Infrastructure | Rail Lines | |
| Infrastructure | Rail Lines | Burlington Northern Santa Fe Rlwy |
| Infrastructure | Railroad Crossings | NA |
| Infrastructure | USGS - Coal Fields | Big Hom Basin Region |

16. Note: If there are any issues with accessing a layer in the APPEIT map, they will be listed at the end of the report. Please be aware of any errors listed as they indicate that a layer was not included in the analysis, and it may contain overlap with the project area.



If an error occurs, you should manually verify any potential overlap with the project or rerun the tool. If you run into consistent issues, try updating the connection to the web map by navigating to the catalog pane, maps, right click on the APPEIT map and select update. If the issue persists, please contact NBAM support for assistance at IFAanalytics@ntia.gov.





APPENDIX

TABLE 1 - APPEIT LAYERS

APPEIT relies on publicly available data on the websites of other federal, state, local, and Tribal agencies and, in some instances, private organizations and research institutions. Table 1 below lists all layers, layers with a double asterisk include information relevant to determining whether an "extraordinary circumstance" may warrant a more detailed environmental review when a categorical exclusion may otherwise apply.

| Group | Layer Name | Source |
|----------------|-----------------------------|--|
| Federal/Tribal | NPS Land** | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | | cgis/rest/services/NPS Land Permitting Layer/Featu |
| | | reServer/0 |
| Federal/Tribal | USBR Land** | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | | cgis/rest/services/USBR Land for Permitting/Featur |
| | | eServer/0 |
| Federal/Tribal | USACE Lands for | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | Permitting** | cgis/rest/services/USACE Land Permitting Layer/Fe |
| | | atureServer/0 |
| Federal/Tribal | BIA AIAN National LAR** | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | | cgis/rest/services/BIA_AIAN_LAR_Layers/FeatureSer |
| | | <u>ver/0</u> |
| Federal/Tribal | BIA AIAN LAR | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | Supplemental** | cgis/rest/services/BIA_AIAN_LAR_Layers/FeatureSer |
| | | <u>ver/1</u> |
| Federal/Tribal | BIA AIAN Tribal Statistical | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | Areas** | cgis/rest/services/BIA_AIAN_LAR_Layers/FeatureSer |
| | | <u>ver/2</u> |



| Federal/Tribal | Alaska Native, and Native | https://tigerweb.geo.census.gov/arcgis/rest/services |
|--------------------|---|---|
| Land | Hawaiian Areas** | /TIGERweb/AIANNHA/MapServer/47 |
| Federal/Tribal | DoD Lands for | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | Permitting** | cgis/rest/services/DoD Lands for Permitting/Featur |
| Lanu | Permitting | |
| F. J | HCEC C C | eServer/0 |
| Federal/Tribal | USFS Surface Ownership | https://apps.fs.usda.gov/arcx/rest/services/EDW/ED |
| Land | Parcels** | W BasicOwnership 01/MapServer/0 |
| Federal/Tribal | USFWS National Realty | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | Boundaries | cgis/rest/services/USFWS_National_Realty_Boundari |
| | | es/FeatureServer/0 |
| Federal/Tribal | BLM Lands** | https://services.arcgis.com/P3ePLMYs2RVChkJx/arcgi |
| Land | | s/rest/services/USA Bureau of Land Management |
| | | <u>Lands/FeatureServer/0</u> |
| Federal/Tribal | USACE Project (Points)** | https://geospatial.sec.usace.army.mil/server/rest/ser |
| Land | | vices/CPN/Corps_Project_Notebook/FeatureServer/ |
| | | <u>0</u> |
| Federal/Tribal | USACE Navigable | https://services7.arcgis.com/n1YM8pTrFmm7L4hs/A |
| Land | Waterway Network | rcGIS/rest/services/ndc/FeatureServer/7 |
| Federal/Tribal | USACE Land Parcel Area** | https://geospatial.sec.usace.army.mil/server/rest/ser |
| Land | | vices/REMIS/cwldm/FeatureServer/4 |
| Federal/Tribal | GSA Federal Real | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | Property** | cgis/rest/services/GSA_Federal_Real_Property/Featu |
| | | reServer/0 |
| Federal/Tribal | Historical Trails - Lines | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | | cgis/rest/services/National_Historic_Trails/FeatureSe |
| | | rver/0 |
| Federal/Tribal | Historical Trails - Polygons | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| Land | , • | cgis/rest/services/National Historic Trails/FeatureSe |
| | | rver/1 |
| Critical Habitats | Critical Habitat - Polygon | https://services.arcgis.com/QVENGdaPbd4LUkLV/arc |
| | Features – Final** | gis/rest/services/USFWS Critical Habitat/FeatureSer |
| | | ver/0 |
| Critical Habitats | Critical Habitat - Linear | https://services.arcgis.com/QVENGdaPbd4LUkLV/arc |
| | Features – Final** | gis/rest/services/USFWS Critical Habitat/FeatureSer |
| | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | ver/1 |
| Critical Habitats | Critical Habitat - Polygon | https://services.arcgis.com/QVENGdaPbd4LUkLV/arc |
| S. T. Car Habitats | Features – Proposed** | gis/rest/services/USFWS Critical Habitat/FeatureSer |
| | Teatures Troposeu | ver/2 |
| Critical Habitats | Critical Habitat - Linear | https://services.arcgis.com/QVENGdaPbd4LUkLV/arc |
| CITUCAL MADILALS | | |
| | Features – Proposed** | gis/rest/services/USFWS_Critical_Habitat/FeatureSer |
| | | <u>ver/3</u> |



| FPA PMorame | Resource Conservation | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
|--|--|--|
| EPA Programs | and Recovery Act | cgis/rest/services/Resource Conservation and Reco |
| | (RCRA)** | very Act RCRA/FeatureServer/0 |
| EPA Programs | National Pollutant | https://services.arcgis.com/cJ9YHowT8TU7DUyn/arc |
| LFA FTOGIATIS | Discharge Elimination | gis/rest/services/FRS INTERESTS NPDES/FeatureSer |
| | System Sites (NPDES)** | ver/0 |
| EPA Programs | Major National Pollutant | https://services.arcgis.com/cJ9YHowT8TU7DUyn/arc |
| LIATIOGIAIIIS | Discharge Elimination | gis/rest/services/FRS INTERESTS NPDES MAJOR/Fe |
| | System Facilities | atureServer/0 |
| | (NPDES_MAJOR)** | <u>attireserveryo</u> |
| EPA Programs | Toxic Release Inventory | https://services.arcgis.com/cJ9YHowT8TU7DUyn/arc |
| Livirogianis | (TRI)** | gis/rest/services/FRS INTERESTS TRI/FeatureServer/ |
| | (1111) | 0 |
| EPA Programs | Superfund Nation | https://services.arcgis.com/cJ9YHowT8TU7DUyn/arc |
| 21711108141113 | Priorities List | gis/rest/services/FRS INTERESTS SEMS NPL/Featur |
| | (SEMS_NPL)** | eServer/0 |
| EPA Programs | Assessment Cleanup and | https://services.arcgis.com/cJ9YHowT8TU7DUyn/arc |
| | Redevelopment Exchange | gis/rest/services/FRS INTERESTS ACRES/FeatureSer |
| | System (ACRES) | ver/0 |
| EPA Programs | Integrated Compliance | https://services.arcgis.com/cJ9YHowT8TU7DUyn/arc |
| Ö | Information System for Air | gis/rest/services/FRS_INTERESTS_AIR/FeatureServer |
| | (AIR) | <u>/0</u> |
| EPA Programs | Impaired Waters - | https://gispub.epa.gov/arcgis/rest/services/OW/ATT |
| | Assessment Points** | AINS Assessment/MapServer/0 |
| EPA Programs | Impaired Waters - | https://gispub.epa.gov/arcgis/rest/services/OW/ATT |
| LFA FIUGIAIIIS | | to a second seco |
| LFA FIOGRAIIIS | Assessment Lines** | AINS_Assessment/MapServer/1 |
| EPA Programs | Assessment Lines** Impaired Waters - | AINS Assessment/MapServer/1 https://gispub.epa.gov/arcgis/rest/services/OW/ATT |
| | | |
| | Impaired Waters - | https://gispub.epa.gov/arcgis/rest/services/OW/ATT |
| EPA Programs | Impaired Waters - Assessment Areas** | https://gispub.epa.gov/arcgis/rest/services/OW/ATT AINS Assessment/MapServer/2 |
| EPA Programs | Impaired Waters - Assessment Areas** | https://gispub.epa.gov/arcgis/rest/services/OW/ATT AINS Assessment/MapServer/2 https://geopub.epa.gov/arcgis/rest/services/NEPAssi |
| EPA Programs EPA Programs | Impaired Waters - Assessment Areas** Sole Source Aquifers** | https://gispub.epa.gov/arcgis/rest/services/OW/ATT AINS Assessment/MapServer/2 https://geopub.epa.gov/arcgis/rest/services/NEPAssi st/Water/MapServer/6 |
| EPA Programs EPA Programs | Impaired Waters - Assessment Areas** Sole Source Aquifers** Ozone 8-hr (2015 | https://gispub.epa.gov/arcgis/rest/services/OW/ATT AINS Assessment/MapServer/2 https://geopub.epa.gov/arcgis/rest/services/NEPAssi st/Water/MapServer/6 https://gispub.epa.gov/arcgis/rest/services/OAR OA |
| EPA Programs EPA Programs EPA Programs | Impaired Waters - Assessment Areas** Sole Source Aquifers** Ozone 8-hr (2015 Standard) | https://gispub.epa.gov/arcgis/rest/services/OW/ATT AINS Assessment/MapServer/2 https://geopub.epa.gov/arcgis/rest/services/NEPAssi st/Water/MapServer/6 https://gispub.epa.gov/arcgis/rest/services/OAR OA QPS/NonattainmentAreas/MapServer/2 |
| EPA Programs EPA Programs EPA Programs | Impaired Waters - Assessment Areas** Sole Source Aquifers** Ozone 8-hr (2015 Standard) Ozone 8-hr (2008 | https://gispub.epa.gov/arcgis/rest/services/OW/ATT AINS Assessment/MapServer/2 https://geopub.epa.gov/arcgis/rest/services/NEPAssi st/Water/MapServer/6 https://gispub.epa.gov/arcgis/rest/services/OAR OA QPS/NonattainmentAreas/MapServer/2 https://gispub.epa.gov/arcgis/rest/services/OAR OA |
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| EDA Dragrams | DM10 (1007 standard) | https://gispub.epa.gov/arcgis/rest/services/OAR OA |
|----------------|------------------------------|--|
| EPA Programs | PM10 (1987 standard) | |
| | 1 (2222) 1 (2 | QPS/NonattainmentAreas/MapServer/8 |
| EPA Programs | Lead (2008 standard) | https://gispub.epa.gov/arcgis/rest/services/OAR OA |
| | | QPS/NonattainmentAreas/MapServer/3 |
| EPA Programs | SO2 1-hr (2010 standard) | https://gispub.epa.gov/arcgis/rest/services/OAR_OA |
| | | QPS/NonattainmentAreas/MapServer/4 |
| Infrastructure | EIA - Natural Gas Wells | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| | | cgis/rest/services/Natural Gas Wells Permitting/Fe |
| | | atureServer/0 |
| Infrastructure | EIA - Underground Natural | https://services2.arcgis.com/FiaPA4ga0iQKduv3/arcg |
| | Gas Storage | is/rest/services/Underground Natural Gas Storage/ |
| | | <u>FeatureServer/0</u> |
| Infrastructure | EIA - Power Plants | https://services2.arcgis.com/FiaPA4ga0iQKduv3/arcg |
| | | is/rest/services/Power_Plants_in_the_US/FeatureSe |
| | | rver/0 |
| Infrastructure | EIA - Natural Gas Interstate | https://services2.arcgis.com/FiaPA4ga0iQKduv3/arcg |
| | and Intrastate Pipelines | <u>is/rest/services/Natural_Gas_Interstate_and_Intrast</u> |
| | | <pre>ate_Pipelines_1/FeatureServer/0</pre> |
| Infrastructure | EIA - Crude Oil Trunk | https://services2.arcgis.com/FiaPA4ga0iQKduv3/arcg |
| | Pipelines | <u>is/rest/services/Crude_Oil_Trunk_Pipelines_1/Featur</u> |
| | | eServer/0 |
| Infrastructure | EIA - Hydrocarbon Gas | https://services2.arcgis.com/FiaPA4ga0iQKduv3/arcg |
| | Liquids Pipelines | is/rest/services/Hydrocarbon_Gas_Liquids_Pipelines |
| | | _1/FeatureServer/0 |
| Infrastructure | EIA - Petroleum Products | https://services2.arcgis.com/FiaPA4ga0iQKduv3/arcg |
| | Pipelines | <u>is/rest/services/Petroleum_Products_Pipelines_1/Fe</u> |
| | | atureServer/0 |
| Infrastructure | Electric Power | https://services1.arcgis.com/Hp6G80Pky0om7QvQ/a |
| | Transmission Lines (HIFLD) | rcgis/rest/services/Transmission_Lines/FeatureServe |
| | | <u>r/0</u> |
| Infrastructure | Electric Retail Service | https://services1.arcgis.com/Hp6G80Pky0om7QvQ/a |
| | Territories (HIFLD) | rcgis/rest/services/Retail_Service_Territories/Featur |
| | | eServer/0 |
| Infrastructure | National Scenic Byways | https://services1.arcgis.com/fBc8EJBxQRMcHlei/arcg |
| | | is/rest/services/NTIR_TRANS_NationalScenicByways |
| | | NSBP In/FeatureServer/0 |
| Infrastructure | USFS Special Uses | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| | Communications Sites | cgis/rest/services/US Forest Service Communicatio |
| | | n Sites/FeatureServer/0 |
| Infrastructure | USFS - Right of Way | https://apps.fs.usda.gov/arcx/rest/services/EDW/ED |
| | | W ALPStatusAndEncumbrance 01/MapServer/71 |
| | | |



| Infrastructure | USGS - Coal Fields | https://services.arcgis.com/P3ePLMYs2RVChkJx/arcgi |
|-----------------|----------------------------|---|
| | | s/rest/services/USA Coal Fields view/FeatureServer |
| | | /0 |
| Infrastructure | Surface and Underground | https://services7.arcgis.com/FGr1D95XCGALKXqM/a |
| | Coal Mines | rcgis/rest/services/CoalMines US EIA/FeatureServer |
| | | <u>/247</u> |
| Infrastructure | Rail Lines | https://services2.arcgis.com/FiaPA4ga0iQKduv3/arcg |
| | | <u>is/rest/services/Transportation_v1/FeatureServer/9</u> |
| Infrastructure | Railroad Crossings | https://services1.arcgis.com/4yjifSilG17X0gW4/arcgi |
| | | s/rest/services/FRA Crossing Inventory Form 71 C |
| | | <u>urrent/FeatureServer/0</u> |
| Floodplains/Wet | FEMA Flood Hazard | https://hazards.fema.gov/arcgis/rest/services/public |
| ands | Zones** | /NFHL/MapServer/28 |
| Floodplains/Wet | USFWS Wetlands** | https://services.arcgis.com/P3ePLMYs2RVChkJx/arcgi |
| ands | | s/rest/services/USA_Wetlands/FeatureServer/0 |
| Floodplains/Wet | Wild and Scenic Rivers** | https://geopub.epa.gov/arcgis/rest/services/NEPAssi |
| ands | | st/Water/MapServer/9 |
| Floodplains/Wet | CBRS Units** | https://cbrsgis.wim.usgs.gov/arcgis/rest/services/Co |
| ands | | astalBarrierResourcesSystem/MapServer/3 |
| Floodplains/Wet | Coastal Zone Management | https://coast.noaa.gov/arcgis/rest/services/Hosted/ |
| ands | Act** | CoastalZoneManagementAct/FeatureServer/0 |
| Floodplains/Wet | NOAA - Coral Reef Habitat | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| ands | Combined | cgis/rest/services/Coral_Reef_Habitat_Combined/Fe |
| | | atureServer/0 |
| Floodplains/Wet | National Levee Database - | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| ands | Leveed Areas** | cgis/rest/services/National Levee Database Leve |
| | | ed Areas/FeatureServer/0 |
| Historic Places | National Register of | https://services2.arcgis.com/FiaPA4ga0iQKduv3/arcg |
| | Historic Places – Points** | is/rest/services/nrhp points v1/FeatureServer/0 |
| Historic Places | National Register of | https://services3.arcgis.com/OYP7N6mAJJCyH6hd/ar |
| | Historic Places – | cgis/rest/services/NationalRegisterofHistoricPlaces_ |
| | Polygons** | Polygon/FeatureServer/0 |

