Environmental effects recognize physical boundaries not administrative boundaries. Effective land management planning requires information that goes well beyond individual agency boundaries. Through the use of interagency GIS data, the National Park Service, Mining and Minerals Branch has improved mineral-issue awareness, coordination, and communication with neighboring land management agencies throughout the National Park system. The GIS map layers in association with ArcView® software have enabled staff to: produce quick graphics for reports and memos; respond accurately to who, what, and where questions from management and the public; and track land-use planning or mineral leasing efforts.

Map layers and associated databases developed to support this project:

- National Park Service Boundaries (NPS)
- Major Hydrographic / Transportation Features (ArcUSA®)
- BLM Resource Areas & Districts (NPS)
- State/County Boundaries (ArcUSA®)
- National Forests and Grasslands (NPS)
- Mineral Industry Location System (MILS) points (USBM)
- Areas within 5 and 10 miles of park boundaries (NPS)
- O & G Pipelines within 10 miles of NPS units (MAPSearch Services®)

The Denver Service Center, GIS Branch provides GIS solutions in support of National Park planning, design, and construction programs. Services provided include: data collection; data base development; image processing; data analysis; consulting/coordination; and output product (graphics) production.

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