

APPENDIX G
SUPPORTING INFORMATION ON DEVELOPMENT ACTIVITIES INCLUDED IN THE
REASONABLE FORESEEABLE DEVELOPMENT

Project	Status	Description
Oil and Gas Related Projects		
Oil and Gas Drilling	Ongoing	The Resource Management Plan for the lands managed by the BLM Farmington Office indicates development of 9,942 new oil and gas wells from 2003 and 2023 in the San Juan Basin, allowing for about 16,100 acres of long-term disturbance.
Oil and Gas Development – Navajo Reservation.	Proposed	These activities would require well pads, construction areas, access roads, pipelines, or distribution power lines as needed. Western Oil and Gas has proposed approximately 600 natural gas wells in eastern Burnham Chapter extending north into Upper Fruitland and Nenahnezad/San Juan Chapters.
San Juan River Gas Plant	Existing – change in operations	Giant owns and operates the Bloomfield oil and gas refinery, located on 285 acres near Farmington, New Mexico. Closed in 2010 and future operations are uncertain.
Power Plants and Transmission Lines		
Four Corners Generating Station (FCGS)	Existing/Change in Operations in 2014	Sale of Southern California Edison’s share of FCGS to APS. Closure of units 1, 2, 3 (680 MW) and installation of air pollution control on Units 4 and 5 – as per FIP for regional haze. Extent and timing are uncertain, and require approvals. Post-2016 Lease for FCGS with the Navajo Nation has been extended until 2041, but needs BIA approval.
San Juan Generating Station (SJGS)	Existing/Change in Operations in 2014	BART requirements for regional haze may require expensive SCR retrofit on all 4 units (1800 MW). Could result in closure of some units to avoid costly retrofit.
Electric Transmission System Expansion	Proposed	Variety of projects including Navajo Transmission Project and San Juan Basin Interconnect Project proposed to expand the capacity of electric transmission across New Mexico to move renewable power, shift gas-fired compressors to electricity, and meet increased electric demand in the San Juan Basin.
Electric Power Expansion	Proposed or under consideration	Coal-fired generation for other coal-based development on Navajo or Ute reservations power, renewable generation such as solar and pumped storage hydro.
Coal Mining Projects		
Navajo Mine Areas I - III	Ongoing	Supplies coal to Four Corners Generating Station. Total of 24,550 acres mined over 50 years. Mining activities in Areas I and II have concluded. Reclamation is ongoing in Area II. Area III is actively mined in two pits with contemporaneous reclamation.
San Juan Coal Company San Juan Mine	Ongoing	An underground mine that is the exclusive supplier of coal to the SJGS. Surface mining at San Juan reached a depth in the early 2000s that represented an economic limit, but underground mining is feasible and the coal supply contract with SJGS extends through 2017. Approximately 5400 acres disturbed as of 2010.

Project	Status	Description
San Juan Coal Company La Plata Mine	Past, present	From 1986 through 2002, the La Plata mine also supplied coal to the San Juan Generating Station. The mine ceased operation in 2002 and reclamation continued through 2005. Approximately 2000 acres disturbed as of 2010.
Black Mesa Mine Peabody Western Coal Company	Past, present, ongoing	Black Mesa Mine supplies coal to Navajo Generating Station in Page, AZ, which has been shut down since 2008. An EIS for future mine operations at Black Mesa was completed in 2008. Peabody submitted a mine plan renewal application and EA to OSM in 2010.
Other Development		
NIIP/NAPI Agricultural Development	Ongoing	Total irrigated agricultural land 110,000 acres. Project was about 60% complete in 2006.
Urban Development	Ongoing	Population of San Juan County, NM 1990 – 92,000 2010 – 124,000 2030 – 156,000 (projected)
Animas-La Plata Project (ALP)	Under construction	On December 21, 2000, Public Law 106-554, the Colorado Ute Settlement Act Amendments of 2000 was enacted. Public Law 106-554 provides for the construction of a scaled down project: Ridges Basin Dam and Reservoir, Durango Pumping Plant, Ridges Basin Inlet conduit, with an average annual depletion of 57,100 acre-feet. The law also provides for the construction of a pipeline to deliver water for domestic use on the Navajo Nation at Shiprock, New Mexico.
Navajo Gallup Water Supply Project	Under construction	The project would divert water from the San Juan River downstream of Fruitland, New Mexico, treat the water, and then deliver it along Highway N36 and south to Navajo chapters along U.S. Highway 491. Water delivery would continue to Window Rock, Arizona, and to the city of Gallup, New Mexico.
Indian Gaming on Navajo Reservation	Since 2009 and ongoing	First Indian gaming operation on Navajo Reservation (Fire Rock Casino) opened near Gallup, NM in 2009. A second casino near Shiprock, NM opened in October 2010. Two more casinos are planned near Farmington, NM and Flagstaff, AZ.