

**Office of the State Engineer  
Regulated High Hazard Dams**

July 1, 2011

COUNTY	DAM NAME	OWNER NAME	CONDITION	DEFICIENCY	COST	EAP	O&M
Bernalillo	Amole Arroyo Detention Dam	Albuquerque Metro Arroyo Flood Control Authority (AMAFCA)	Fair	Spillway Capacity 50% of required flood	\$2,000,000	No	No
Bernalillo	Amole Del Norte Detention Dam	City of Albuquerque	Fair	Spillway Capacity 50% of required flood	\$2,000,000	No	No
Bernalillo	Arroyo Del Oso Detention Dam	City of Albuquerque	Fair	Upstream slope erosion	\$50,000	No	No
Bernalillo	Black Arroyo Detention Dam	AMAFCA	Fair	Spillway Capacity 50% of required flood	\$2,000,000	No	No
Bernalillo	Embudo Dam	City of Albuquerque	Fair	Spillway Capacity 68% of required flood	\$50,000	No	No
Bernalillo	Hubbell Lake Detention Dam	AMAFCA	Fair	Updated Hydrology required	\$50,000	No	No
Bernalillo	Ladera Dam No. 10	AMAFCA	Fair	Spillway obstructed by development	\$50,000	No	No
Bernalillo	Ladera Dam No. 12	AMAFCA	Fair	Issues at Ladera 10 adversely affects Ladera 12	\$50,000	No	No
Bernalillo	Ladera Dam No. 14	AMAFCA	Fair	Issues at Ladera 10 adversely affects Ladera 12	\$50,000	No	No
Bernalillo	Ladera Dam No. 15	AMAFCA	Fair	Issues at Ladera 10 adversely affects Ladera 12	\$50,000	No	No
Bernalillo	Mariposa Dam	City of Albuquerque	Poor	Spillway Capacity <10% required, additional documentation needed	\$2,000,000	No	No
Bernalillo	McCoy Detention Dam	AMAFCA	Fair	Sediment Removal Required	\$50,000	No	No
Bernalillo	Raymac Detention Dam	AMAFCA	Fair	Updated Hydrology required	\$50,000	No	No
Chaves	Leprino Waste Treatment Pond	Leprino Foods Company	Fair	Liner Damaged	\$10,000	No	No
Cibola	Bluewater Dam	Bluewater-Toltec Irrigation District	Fair	Saddle Dam overtopping at 30% of required flood, Outlet Valves need repair, scour of downstream toe	\$3,000,000	Yes	Yes
Cibola	Lower Nielson Retarding Dam	Bluewater Water & Sanitation District	Poor / Fair	Spillway Capacity 40% of required flood, Lack of design info		No	No

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Cibola	Prop Canyon Site 1 Dam	Lava Soil & Water Conservation District	Poor	Spillway 9% of required flood	\$2,500,000	No	No
Cibola	Prop Canyon Site 2A Dam	Lava Soil & Water Conservation District	Poor	Spillway Capacity 10% of required flood	\$2,500,000	No	No
Cibola	San Mateo Lake Dam	San Mateo Community Ditch	Unsatisfactory	Spillway Capacity 27% of required flood, seepage on downstream slope, lack of maintenance, OSE Order	\$5,500,000	Yes	Yes
Colfax	Cimarroncito Dam	Village of Cimarron	Poor	Spillway Capacity 24% of required flood	\$3,000,000	No	No
Colfax	Eagle Nest Dam	New Mexico Dept. of Game & Fish	Fair	Downstream scour potential, gates need rehab	\$1,500,000	Yes	Yes
Colfax	Jaritas Reservoir B Dam	Mike & Jan Baca	Poor	Spillway Capacity 13% of required flood, deficient outlet	\$3,500,000	No	No
Colfax	Lake Maloya Dam	City of Raton	Poor	Spillway Capacity 16% of required flood, lack of maintenance and design info.	\$6,500,000	No	No
Colfax	Miami Lake Dam No. 2	Miami Water User's Association	Fair	Spillway Capacity questionable, foundation seepage; riprap deteriorated	\$2,000,000	No	No
Colfax	Springer Dam No. 1	Town of Springer	Poor	Spillway capacity 25% of required flood, Stability issues, maintenance needed	\$2,000,000	Yes	Yes
Colfax	Springer Dam No. 2	Town of Springer	Poor	Spillway Capacity 22% of required flood, Stability issues, maintenance needed	\$3,500,000	Yes	Yes
Colfax	Springer Lake Dam	Springer Ditch Company	Poor	Spillway Capacity 30% of required flood, Outlet partially obstructed, seepage	\$3,000,000	No	No
Colfax	Urraca Dam	Boy Scouts of America Inc Philmont Scout Ranch	Poor	Spillway Capacity 18% of required flood, lack of Geotech Doc.	\$3,000,000	No	Yes
Colfax	Ute Creek Dam	Ute Creek Ranch Company	Poor / Satisfactory	Lack of Design Information	\$100,000	No	No

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Colfax	Webster Dam	Boys Scouts of America Inc Philmont Scout Ranch	Poor / Fair	Severe wave erosion, rodents, Lack of design info	\$3,000,000	No	No
Dona Ana	Anthony Arroyo Dam No. 1	Elephant Butte Irrigation District	Poor / Fair	Spillway Capacity 88% of required flood, severe erosion on embankment, lack of design info	\$100,000	No	No
Dona Ana	Apache Brazito Mesquite Dam No. 1	Elephant Butte Irrigation District	Poor / Fair	Spillway Capacity 50% of required flood, severe erosion on embankment, Lack of design info	\$2,500,000	No	No
Dona Ana	Apache Brazito Mesquite Dam No. 2	Elephant Butte Irrigation District	Poor / Fair	Spillway Capacity 64% of required flood, erosion of spillway slopes, lack of design info	\$2,500,000	No	No
Dona Ana	Apache Brazito Mesquite Dam No. 3	Elephant Butte Irrigation District	Poor / Fair	Spillway Capacity ~43% of required flood, erosion of slopes, Lack of design info	\$2,500,000	No	No
Dona Ana	Apache Brazito Mesquite Dam No. 4	Elephant Butte Irrigation District	Poor / Satisfactory	Spillway Capacity 74% of required flood, erosion of slopes, lack of design info	\$2,500,000	No	No
Dona Ana	Breedlove Flood Control Dam	Dona Ana County Flood Commission	Poor / Satisfactory	Spillway Capacity 100% of required flood, Incomplete design info		No	No
Dona Ana	Caballo Arroyo Dam No. 2	Caballo Soil & Water Conservation District	Poor / Fair	Spillway Capacity 95% of required flood, partially plugged outlet, lack of design info	\$100,000	No	No
Dona Ana	Caballo Arroyo Dam No. 3	Caballo Soil & Water Conservation District	Poor / Fair	Spillway Capacity 60% of required flood, Lack of design info	\$2,500,000	No	No
Dona Ana	Crow Broad Placitas Dam No. 1	Caballo Soil & Water Conservation District	Poor / Fair	Spillway Capacity 35% of required flood, lack of design info	\$2,500,000	No	No
Dona Ana	Dona Ana Site 1	Elephant Butte Irrigation District	Fair	Spillway Capacity 72% of required flood, portion of downstream toe removed, Homes In flood pool	\$150,000	No	No
Dona Ana	Fillmore Site 1 Dam	Elephant Butte Irrigation District	Poor	Spillway Capacity 20% of required flood, erosion, conduit joints	\$2,500,000	No	No

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Dona Ana	Gardner Dam	Dona Ana County Flood Commission	Poor	No Spillway or Outlet, seepage, erosion, woody vegetation	\$2,500,000	No	No
Dona Ana	Hatch Valley Arroyo Dam No. 1	Caballo Soil & Water Conservation District	Poor / Satisfactory	Spillway Capacity ~76% of required flood, Lack of design info	\$100,000	No	No
Dona Ana	Hatch Valley Arroyo Dam No. 2	Caballo Soil & Water Conservation District	Poor / Fair	Spillway Capacity 60% of required flood, Lack of design info	\$2,500,000	No	No
Dona Ana	Hatch Valley Arroyo Dam No. 6	Caballo Soil & Water Conservation District	Poor / Fair	Spillway Capacity 85% of required flood, Outlet Intake plugged with sediment, Lack of design info	\$150,000	No	No
Dona Ana	Lucero Detention Dike	Elephant Butte Irrigation District	Poor	Spillway Capacity 20% of required flood, Maintenance needed	\$2,500,000	No	No
Dona Ana	Picacho North Dam	Elephant Butte Irrigation District	Poor	Spillway Capacity 18% of required flood, Poor intake design, erosion, Lack of design info	\$2,500,000	No	No
Dona Ana	Picacho South Dam	Elephant Butte Irrigation District	Poor	Spillway Capacity 5% of required flood, Poor Intake Design, erosion, Lack of design info	\$2,500,000	No	No
Dona Ana	Sand Hill Arroyo Dam	City of Las Cruces	Poor / Fair	Spillway Capacity 56% of required flood, lack of design info	\$2,500,000	No	No
Dona Ana	Spring Canyon Dam	Village of Hatch	Poor / Satisfactory	Spillway Capacity 87% of required flood, Lack of design info	\$200,000	No	No
Dona Ana	Tortugas Site 1 Dam	Elephant Butte Irrigation District	Poor / Fair	Severe erosion, woody vegetation, lack of design info	\$50,000	No	No
Dona Ana	Tortugas Site 2 Dam	Elephant Butte Irrigation District	Poor / Satisfactory	Lack of Design Information		No	No
Grant	Bear Canyon Dam	New Mexico Dept. of Game & Fish	Poor	Spillway Capacity 14% of required flood, Lack of Design Info	\$6,000,000	Yes	Yes
Grant	Lake Roberts Dam	New Mexico Dept. of Game & Fish	Poor	Spillway Capacity 30% of required flood, Spillway Deteriorated, Seepage	\$7,700,000	Yes	Yes

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Grant	Magnetite Tailings Dam	Freeport McMahan Corporation	Fair	Freeboard Contains 50% of required flood	\$500,000	Yes	No
Grant	Upper Gila Valley Site No. 1 Dam	Upper Gila Valley Arroyos Watershed District	Poor	Spillway Capacity 17% of required flood, Lack of design info	\$2,500,000	No	No
Grant	Upper Gila Valley Site No. 10 Dam	Upper Gila Valley Arroyos Watershed District	Poor / Fair	Spillway Capacity 33% of required flood, Lack of design info	\$2,500,000	No	No
Grant	Upper Gila Valley Site No. 11 Dam	Upper Gila Valley Arroyos Watershed District	Poor	Spillway Capacity 24% of required flood, lack of design info	\$2,500,000	No	No
Grant	Upper Gila Valley Site No. 12 Dam	Upper Gila Valley Arroyos Watershed District	Poor	Spillway Capacity 19% of required flood, lack of design info	\$2,500,000	No	No
Grant	Upper Gila Valley Site No. 3 Dam	Upper Gila Valley Arroyos Watershed District	Poor / Fair	Spillway Capacity 25% of required flood, lack of design info	\$2,500,000	No	No
Grant	Upper Gila Valley Site No. 4 Dam	Upper Gila Valley Arroyos Watershed District	Poor / Fair	Spillway Capacity 27% of required flood, lack of design info	\$2,500,000	No	No
Grant	Upper Gila Valley Site No. 6 Dam	Upper Gila Valley Arroyos Watershed District	Poor / Fair	Spillway Capacity 26% of required flood, lack of design info	\$2,500,000	No	No
Grant	Upper Gila Valley Site No. 7 Dam	Upper Gila Valley Arroyos Watershed District	Poor	Spillway Capacity 18% of required flood, lack of design info	\$2,500,000	No	No
Grant	Upper Gila Valley Site No. 8 Dam	Upper Gila Valley Arroyos Watershed District	Poor	Spillway Capacity 20% of required flood, lack of design info	\$2,500,000	No	No

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Grant	Upper Gila Valley Site No. 9 Dam	Upper Gila Valley Arroyos Watershed District	Poor	Spillway Capacity 19% of required flood, lack of design info	\$2,500,000	No	No
Guadalupe	Power Lake Dam	City of Santa Rosa	Unsatisfactory	Spillway Capacity 4% of required flood, Dam partially breached	\$6,000,000	Yes	No
Guadalupe	Railroad Dam No. 1	City of Santa Rosa	Poor	Spillway Capacity 2% required flood, No maintenance	\$1,500,000	No	No
Guadalupe	Railroad Dam No. 2	City of Santa Rosa	Poor	Spillway Capacity 15% of required flood, No Maintenance	\$1,500,000	No	No
Lincoln	Alto Lake Dam	Village of Ruidoso	Poor	Spillway And Bypass Channel Capacity 7% of required flood, Woody Vegetation	\$4,500,000	No	No
Lincoln	Bonito Dam	City of Alamogordo	Fair	Spillway Capacity 60% of required flood.	\$1,500,000	No	Yes
Lincoln	Grindstone Canyon Dam	Village of Ruidoso	Fair	Stability Issues with storage above Elev. 6902 Ft.	\$1,500,000	No	No
Lincoln	Upper Rio Hondo Site No. 1 Dam	Upper Rio Hondo Soil & Water Conservation District	Poor	Spillway Capacity <12% of required flood	\$2,500,000	No	No
Los Alamos	Los Alamos Canyon Dam	Los Alamos County	Poor	Spillway Capacity <50% of required flood, slope and tower stability deficiencies	\$3,000,000	Yes	No
McKinley	Ramah Dam	Ramah Land & Irrigation Company	Poor / Fair	Spillway Capacity 72% of required flood, Woody Vegetation, Unauthorized modification to Outfall, lack of design info	\$2,000,000	No	No
Otero	La Luz-Fresnal East Reservoir	City of Alamogordo	Poor / Fair	Lack of Design Info	\$100,000	No	No
Otero	La Luz-Fresnal North & South Reservoirs	City of Alamogordo	Poor / Fair	Lack of Design info	\$100,000	No	No
Otero	Upper Rio Penasco Site 2	Otero Soil & Water Conservation Dist	Fair	Spillway Capacity 35% of required flood	\$2,500,000	No	No

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Otero	Upper Rio Penasco Site 3A	Otero Soil & Water Conservation Dist	Poor	Spillway Capacity 21% of required flood	\$2,500,000	No	No
Rio Arriba	La Mesilla Site 1 Dam	La Mesilla Community Ditch	Poor / Satisfactory	Lack of design info	\$100,000	No	No
Rio Arriba	Santa Cruz Site 1 Dam	Santa Fe-Pojoaque Soil & Water Conservation Dist.	Poor / Fair	Spillway Capacity 86% of required flood, Maintenance needed, Lack of design info	\$150,000	Yes	No
Rio Arriba	Santa Cruz Site 2G Dam	Santa Fe-Pojoaque Soil & Water Conservation Dist.	Poor / Fair	Spillway Capacity 82% of required flood, Maintenance needed, Lack of design info	\$150,000	Yes	No
Rio Arriba	Santa Cruz Site 3 Dam	Santa Fe-Pojoaque Soil & Water Conservation Dist.	Poor	Spillway Capacity 10% of required flood, Maintenance needed	\$2,500,000	Yes	No
Rio Arriba	Santa Cruz Site 3A Dam	Santa Fe-Pojoaque Soil & Water Conservation Dist.	Poor / Fair	Spillway Capacity 87% of required flood, Maintenance needed, Lack of design info		Yes	No
Rio Arriba	Santa Cruz Site 4 Dam	Santa Fe-Pojoaque Soil & Water Conservation Dist.	Fair	Spillway Capacity 60% of required flood, Maintenance needed	\$2,500,000	Yes	No
Rio Arriba	Santa Cruz Site 5 Dam	Santa Fe-Pojoaque Soil & Water Conservation Dist.	Poor / Fair	Spillway Capacity 70% of required flood, Maintenance needed, lack of design info		Yes	No
Rio Arriba	Sebastian Martin Bm 1 Dam	Upper Rio Grande Watershed District	Poor	Repair Intake & Trash Racks, Maintenance needed, Lack of design info	\$100,000	No	No
Rio Arriba	Sebastian Martin Site 18 Dam	Upper Rio Grande Watershed District	Poor	Maintenance needed, Lack of design info	\$100,000	No	No
Rio Arriba	Sebastian Martin Site 2 Dam	Upper Rio Grande Watershed District	Poor / Fair	Maintenance needed, Lack of design info	\$100,000	No	No

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Rio Arriba	Sebastian Martin Site 3 Dam	Upper Rio Grande Watershed District	Poor / Fair	Maintenance needed, Lack of design info	\$100,000	No	No
Rio Arriba	Sebastian Martin Site 4 Dam	Upper Rio Grande Watershed District	Poor / Fair	Maintenance needed, Lack of design info	\$100,000	No	No
Rio Arriba	Sebastian Martin Site 5 Dam	Upper Rio Grande Watershed District	Poor	Maintenance needed, Excavation In Spillway	\$100,000	No	No
Rio Arriba	Sebastian Martin Site 6 Dam	Upper Rio Grande Watershed District	Poor / Fair	Maintenance needed, Lack of design info	\$100,000	No	No
San Juan	Blanco Reservoir Dam	Enterprise Products	Fair	Maintenance needed	\$100,000	No	No
San Juan	Farmington Lake Dam	City of Farmington	Fair	Maintenance needed	\$100,000	No	No
San Miguel	Bradner Dam	City of Las Vegas	Fair	Spillway Capacity 37% of required flood, Woody Vegetation, Rodents, Erosion	\$3,000,000	No	No
San Miguel	Peterson Dam	City of Las Vegas	Fair	Scour of downstream toe, Woody Veg, Seepage	\$2,000,000	No	No
Sandoval	Fenton Lake Dam	New Mexico Dept. of Game & Fish	Poor	Spillway Capacity <25% of required flood, Woody Vegetation and erosion	\$5,000,000	No	No
Sandoval	Lower Vallecito Dam	Ponderosa Ditch Association	Poor	Spillway Capacity 1% of required flood, Spillway Deteriorated, Woody Veg	\$4,500,000	Yes	Yes
Santa Fe	Santa Cruz Site 6 Dam	Santa Fe-Pojoaque Soil & Water Conservation Dist.	Poor / Fair	Spillway Capacity 70% of required flood, Lack of design info		No	No
Sierra	Bartoo Dam	City of Truth or Consequences	Poor / Fair	Spillway Capacity 50% of required flood, Lack of design info	\$2,500,000	No	No
Sierra	Caballo Arroyo Dam No. 1	Caballo Soil & Water Conservation District	Poor / Fair	Spillway Capacity 37% of required flood, lack of design info	\$2,500,000	No	No
Sierra	County Line Detention Dam	Caballo Soil & Water Conservation District	Poor / Satisfactory	Lack of Design Information	\$100,000	No	No
Sierra	Green Canyon Dam	Caballo Soil & Water Conservation District	Poor / Satisfactory	Lack of Design Information	\$100,000	No	No

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Sierra	Marie Street Dam	City of Truth or Consequences	Poor / Fair	Spillway Capacity < 50% of required flood, Sewer Line penetrating embankment, Lack of design info	\$2,500,000	No	No
Sierra	Sibley Green Site 4	Caballo Soil & Water Conservation District	Poor / Fair	Spillway Capacity 65% of required flood, Lack of design info	\$2,500,000	No	No
Sierra	St. Anne's Dam	City of Truth or Consequences	Poor / Satisfactory	Spillway Capacity 70% of required flood, Lack of design info	\$2,500,000	No	No
Sierra	T or C Site 8C Dam	Village of Williamsburg	Poor / Fair	Spillway Capacity 65% of required flood, Lack of design info	\$2,500,000	No	No
Taos	Cabresto Dam	Cabresto Lake Irrig. Co.; Llano Community Ditch	Unsatisfactory	Spillway Capacity 6% of required flood, Seepage along conduit & abutments	\$6,000,000	Yes	No
Taos	Carson Dam	Vanburen, Maurie; Mondragon, Ted	Poor	Spillway Capacity 9% of required flood, sinkholes in reservoir, no maintenance	\$3,000,000	No	No
Taos	Costilla Dam	Rio Costilla Cooperative Live Stock Association	Fair	Spillway Capacity 70% of required flood, Monitoring needed	\$150,000	No	No
Taos	RC&D Project Measure 83 Dam	Town of Taos	Poor / Fair	Woody vegetation In spillway, Potential erosion of downstream toe, Lack of design info	\$100,000	No	No

**Total Estimated Cost to address Deficiencies: \$200,060,000**  
**Total Estimated Cost for Publicly Owned Dams: \$182,700,000**

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Chaves	Zuber Draw Site 1 Dam	Chaves County Flood Commission	Fair	Spillway Capacity 60% of required flood	\$2,500,000	No	No
Chaves	Zuber Draw Site 2 Dam	Chaves County Flood Commission	Fair	Spillway Capacity 80% of required flood	\$50,000	No	No
Colfax	Lake Alice Dam	City of Raton	Poor	Spillway Capacity 13% of required flood, Rodents, Woody Veg, Lack of Design Info	\$3,000,000	No	No
Colfax	Monte Verde Dam	Angel Fire Corporation	Poor / Satisfactory	Lack of Design Information	\$100,000	No	No
Colfax	Salt peter Creek Site 1A	Colfax Soil & Water Conservation District	Poor / Fair	Spillway Capacity 82% of required flood, Crack on dam crest, Lack of design info	\$1,000,000	No	No
Colfax	Stubblefield Dam	Vermejo Conservancy District	Poor	Spillway Capacity 14% of required flood, Lack of design info	\$2,500,000	No	No
Colfax	Throttle Dam No. 2	T. O. Ranch	Poor / Fair	Spillway Capacity 28% of required flood, Deteriorated concrete spillways, downstream Outlet Control, Woody Veg, Lack of Design Info	\$3,000,000	No	No
Curry	Ingram Lake Dam	City of Clovis	Poor / Satisfactory	Lack of Design Information	\$100,000	No	Yes
Curry	Running Water Draw Site 1 Dam	Central Curry Soil & Water Conservation District	Poor / Satisfactory	Lack of Design Information	\$200,000	No	Yes
Dona Ana	Apodaca Arroyo Dam	Apodaca Farms	Poor	Spillway Capacity 50% of required flood, Maintenance needed, Severe Erosion	\$2,500,000	No	No
Dona Ana	Caballo Arroyo Dam No. 4	Caballo Soil & Water Conservation District	Fair	Spillway Capacity 58% of required flood	\$2,500,000	No	No
Dona Ana	Crow Broad Placitas Dam No. 2A	Caballo Soil & Water Conservation District	Poor / Fair	Spillway Capacity ~58% of required flood, Lack of design info	\$2,500,000	No	
Dona Ana	Fillmore Site 2 Dam	Elephant Butte Irrigation District	Poor / Fair	Spillway Capacity 48% of required flood, Lack of design info	\$2,500,000	No	No

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Dona Ana	Fillmore Site 3 Dam	Elephant Butte Irrigation District	Poor / Fair	Spillway Capacity 64% of required flood, Lack of design info	\$2,500,000	No	No
Dona Ana	Hatch Valley Arroyo Dam No. 4	Caballo Soil & Water Conservation District	Poor / Satisfactory	Lack of Design Information	\$100,000	No	No
Dona Ana	Hatch Valley Arroyo Dam No. 5	Caballo Soil & Water Conservation District	Poor / Satisfactory	Lack of Design Information	\$100,000	No	No
Dona Ana	Kight Flood Retard Dam	Caballo Soil & Water Conservation District	Poor	Plugged Conduit, Lack of Design Info	\$200,000	No	No
Dona Ana	Leasburg Arroyo Dam	Elephant Butte Irrigation District	Fair	Erosion in the Spillway, Rodents,	\$200,000	No	No
Dona Ana	Mclead Flood Control Dam	Elephant Butte Irrigation District	Poor	Spillway Capacity ~16% of required flood	\$3,000,000	No	No
Dona Ana	Porter Whisenhunt Dam	Porter, Bill - Paul Castle	Poor	Severe Headcut on downstream slope, susceptible to breach	\$200,000	No	No
Dona Ana	Rhodes Arroyo Retard Dam	Elephant Butte Irrigation District	Fair	Maintenance needed	\$50,000	No	No
Eddy	Cass Draw Site 1 Dam	Carlsbad Irrigation District	Poor / Fair	Spillway Capacity 42% of required flood, Us Slope Failure, Erosion, Woody Veg, Lack of design info	\$2,500,000	No	
Eddy	Lower Tansil Dam	City of Carlsbad	Poor / Satisfactory	Lack of Design Information	\$100,000	No	No
Eddy	Upper Tansil Dam	City of Carlsbad	Poor / Fair	Maintenance needed, Lack of design info	\$200,000	No	No
Grant	Chino Mines Dam No. 8	Freeport McMoran Corporation	Poor	Unauthorized modification	\$50,000	No	No
Grant	Chino Mines Reservoir No. 7 Dam	Freeport McMoran Corporation	Fair	Damage to slope protection & undermining of discharge pipe	\$50,000	No	No
Hidalgo	Lordsburg WWTP Pond 3 Dam	City of Lordsburg	Fair	Large Salt Cedars, Damaged portion of embankment	\$100,000	No	No

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McKinley	Kerr-McGee Storage Dam	Rio Algom Mining, LLC	Poor	Removal Planned. Reservoir evacuated & contaminated material removed from us slope & reservoir	\$2,000,000	No	No
McKinley	Mcgaffey Lake Dam	New Mexico Dept. of Game & Fish	Poor	Spillway Capacity 5% of required flood, Spillway deteriorated, woody veg., rodents	\$4,000,000	No	No
Rio Arriba	Hopewell Lake Dam	New Mexico Dept. of Game & Fish	Poor / Fair	Spillway Capacity 24% of required flood, Maintenance needed, Lack of design info	\$4,000,000	No	No
Rio Arriba	La Tierra Grande Dam	Tierra Grande, Inc.	Poor / Fair	Maintenance needed, Lack of design info	\$100,000	No	No
Rio Arriba	Laguna Del Campo Dam	New Mexico Dept. of Game & Fish	Poor	Spillway Capacity <20% of required flood, Spillway deteriorated, Lack of design info	\$3,500,000	No	No
San Juan	Jackson Lake Dam	New Mexico Dept. of Game & Fish	Poor / Fair	Seepage & bulging of embankment, Woody Veg, Lack of design info	\$1,000,000	No	No
San Miguel	Pecos Arroyo W.S. Site 1	Tierra Y Monte Soil & Water Conservation District	Fair	Spillway Capacity 50% of required flood	\$2,500,000	No	
Sandoval	Hatch Reservoir Dam	Bravo Mdanat	Poor	Spillway Capacity 1% of required flood, Woody Vegetation, Altered Spillway	\$3,000,000	No	No
Sierra	Copper Flats Tailings Dam	New Mexico Copper Corporation	Poor	Dam Has Not Been Maintained And Has Deteriorated, Trees, Instrumentation Non-Functional	\$3,000,000	No	No
Sierra	Sibley-Green Site 5	Elephant Butte Irrigation District & Caballo SWCD	Poor / Fair	Spillway Capacity 30% of required flood, Lack of design info	\$3,500,000	No	No
Valencia	Houston Arroyo Dam	Valencia County	Poor	Spillway Capacity 8% of required flood, Outlet Conduit prone to clogging	\$3,500,000	No	No

**Total Estimated Cost to address Deficiencies:** \$61,900,000  
**Total Estimated Cost for Publicly Owned Dams:** \$45,400,000

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Catron	Wall Lake Dam	Fowler, Ray	Poor / Satisfactory	Lack of Design Information	\$50,000
Chaves	Zuber Hollow Reservoir	Grassie, James	Poor	Woody Veg, Compliance Order to Drain, No As-Built	\$200,000
Cibola	Cubero Irrigation Dam	Cubero Irrigation District	Poor	Trees on dam too big to remove without compromising safety	\$200,000
Colfax	Antelope Valley Dam No. 2	Antelope Valley Irrigation District	Poor / Fair	Erosion of upstream slope, Conduit plugged, Lack of design info	\$200,000
Colfax	Antelope Valley Dam No. 3	Antelope Valley Irrigation District	Unsatisfactory	Order Limiting Storage, trees on embankment, erosion of upstream slope, cracks on crest	\$1,500,000
Colfax	Davis Reservoir Dam	Marchetti, Ken	Poor	Spillway Capacity 14% of required storm, Maintenance needed, No Design Data	\$2,500,000
Colfax	French Lake Dam	Vermejo Park Corporation	Poor	Spillway Capacity 88% of 100-Yr Flood Event, Trees & Woody Veg, Rodent Infestation, Maintenance needed	\$500,000
Colfax	Hagardon Reservoir No. 5	UU Bar Ranch	Fair	Woody Vegetation on embankment	\$100,000
Colfax	Jaritas Dam No. 2	Florsheim Ranch	Poor	Spillway Capacity Unknown, Erosion of dam crest	\$2,500,000
Colfax	Koehler Dam	C. S. Cattle Company. S. Cattle Company	Poor / Fair	Spillway Capacity 62% of required flood, Unauthorized Change, No Design Info	\$2,500,000
Colfax	Lewis Reservoir Dam	UU Bar Ranch	Poor	Trees on embankment, Poor Maintenance, No Design Info	\$50,000
Colfax	Maxwell Dam No. 11	Vermejo Conservancy District	Poor	Spillway Capacity ~35% of required flood, Upstream slope erosion, Excavations in downstream slope, Rodents	\$1,500,000
Colfax	Maxwell Dam No. 12	Vermejo Conservancy District	Poor	Spillway Capacity 72% of required flood event, Severe upstream slope erosion, Degraded wave protect, Extensive rodents	\$1,500,000
Colfax	Maxwell Dam No. 13	Vermejo Conservancy District	Poor / Satisfactory	Minor Upstream slope erosion, Lack of design info	\$200,000

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COUNTY	DAM NAME	OWNER NAME	CONDITION	DEFICIENCY	ESTIMATED COST
Colfax	Maxwell Dam No. 14	Vermejo Conservancy District	Poor	Spillway Capacity 36% of required flood, Severe upstream slope erosion, Inadequate wave protection	\$500,000
Colfax	Maxwell Dam No. 2	Vermejo Conservancy District	Poor / Satisfactory	Lack of Design Information	\$200,000
Colfax	Rito Del Plano Reservoir	Sauble Circle Dot Ranch	Poor	Spillway Capacity 20% of required flood, Foundation Seepage	\$3,500,000
Colfax	Van Bruggen Reservoir Dam	SI Ranch LLC	Poor	Spillway Capacity Unknown, Embankment slopes severely eroded, Crest not uniform, Seepage	\$3,500,000
Curry	Clovis Wastewater Lagoon Expansion Dam	City of Clovis	Fair	Erosion on embankment outslopes, void under liner	\$50,000
Dona Ana	McClernon Dam	New Mexico State Land Office	Poor	Spillway Capacity Unknown, Spillway Headcut, No Maintenance	\$2,500,000
Dona Ana	North Fork Dam	New Mexico State Land Office	Poor	Spillway Capacity Unknown, Woody Veg, Potential Sediment in Outlet, No Maintenance	\$2,500,000
Dona Ana	South Fork Dam	New Mexico State Land Office	Poor	Spillway Capacity Unknown, Blocked Spillway, No Maintenance, Outlet Headcut	\$2,500,000
Eddy	Cass Draw Site 2 Dam	Carlsbad Irrigation District	Poor	Severe Embankment Erosion, Outlet Conduit nearly plugged & Woody Veg.	\$100,000
Eddy	Intrepid Potash West Plant Dam	Intrepid Potash NM, LLC	Fair	Spillway needs repair to restore to original condition, Erosion	\$500,000
Eddy	SE Storm Drainage Detention Dam	City of Artesia	Poor	Spillway Capacity 80% of required flood, No maintenance	\$100,000
Eddy	Six Mile Power Dam	City of Carlsbad	Poor	Concrete deteriorated	\$400,000
Harding	Abbott Lake Lower Dam	Mike Baca	Poor	Spillway Capacity 15% of required flood, Lack of design info	\$2,500,000
Harding	Abbott Lake Upper Dam	Mike Baca	Poor	Spillway Capacity <10% of required flood, Lack of design info	\$2,500,000

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COUNTY	DAM NAME	OWNER NAME	CONDITION	DEFICIENCY	ESTIMATED COST
Mckinley	Escalante Generating Station Bottom Ash Pond Dam	Tri -State Generation & Transmission Association	Poor / Satisfactory	Lack of Design Information	\$100,000
Mckinley	Escalante Generating Station Coal Yard Runoff Rete	Tri- State Generation & Transmission Association	Poor / Satisfactory	Lack of Design Information	\$100,000
Mckinley	Escalante Generating Station Raw Water Storage Dam	Tri -State Generation & Transmission Association	Poor / Satisfactory	Lack of Design Information	\$100,000
Mora	Berlier Reservoir Dam	Daniels-Berlier, Irene	Poor	Spillway Capacity ~50% of required flood, Outlet completely buried & inoperable	\$2,500,000
Mora	Horse Lake	Llano Partners Ltd	Poor / Fair	Spillway Capacity 35% of required flood, Lack of design info	\$2,500,000
Mora	Jarosa Dam	Yates Petroleum (Ojo Feliz Ranch)	Poor	Concrete cracked & severe spalling, Outlet inoperable	\$2,500,000
Mora	La Cueva Dam No. 1	Llano Partners Ltd	Poor	Spillway Capacity <30% of required flood, Maintenance needed, Lack of design info	\$2,500,000
Mora	Morphy Lake Dam	Acequia De La Isla & Acequia De San Jose	Poor	Spillway Capacity Unknown, Outlet deteriorated, Local collapse of Upstream slope, Maintenance Needed	\$2,500,000
Mora	Red Lake La Cueva Dam No. 2	Llano Partners Ltd	Poor	Spillway Capacity < 30% of required flood, Maintenance needed, Lack of design info	\$2,500,000
Quay	Hittson Creek Dam	Cox, Gene	Poor	Spillway Capacity Unknown, Unauthorized Change, Woody Veg, Unpermitted Saddle Dam	\$2,500,000
Rio Arriba	Crowley Irrigation System	Shahan, Donald	Poor	Spillway Capacity < 30% of required flood, Outlet deteriorated with downstream control, Seepage on downstream slope	\$2,500,000
Rio Arriba	Dwight Baker Dam	Baker, Clyde	Poor	Crack on upstream edge of crest, outlets not operable, Maintenance needed	\$1,000,000

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COUNTY	DAM NAME	OWNER NAME	CONDITION	DEFICIENCY	ESTIMATED COST
Rio Arriba	San Gregorio Dam	Nacimiento Community Irrigation Company	Fair	Spillway Capacity 65% of required flood, Maintenance needed	\$2,500,000
San Juan	Bolack No 1 Dam	Bolack, Tommy	Poor / Satisfactory	Unauthorized Modification, Tension Crack, Lack of design info	\$100,000
San Juan	El Paso Natural Gas Dam No. 5	San Juan County	Fair	Maintenance Needed	\$10,000
San Miguel	Aragon Dam	T-4 Cattle Company	Fair	Woody Veg, Erosion, Maintenance needed	\$200,000
San Miguel	Corralitas Dam	T-4 Cattle Company	Fair	Woody Veg, Erosion, Maintenance needed	\$200,000
San Miguel	Lake Isabel Dam	Kirkpatrick, K. W.	Poor / Fair	Spillway Capacity ~63% of required flood, Lack of design info	\$300,000
San Miguel	Sink Hole Gap Reservoir	Paul Blanchard	Poor / Fair	Spillway Capacity 38% of required flood, Lack of design info	\$2,500,000
Santa Fe	Kinsell Reservoir Dam	Mueller Management Inc.	Poor	Spillway Capacity Unknown, Rodent Infestation, Severe Erosion, Maintenance Needed	\$2,500,000
Torrance	Mescalero Reservoir Dam	Torrance County	Poor / Fair	Lack of Design Information	\$100,000
Union	Brown Reservoir Dam	John T Brown Estate	Poor	Spillway Capacity ~25% of required flood, Unauthorized Alter of Spillway	\$2,500,000
Union	Clayton Dam	New Mexico Dept. of Game & Fish	Poor / Fair	Spillway Capacity 30% of required flood, Seepage at downstream toe, Woody Veg, Lack of design info	\$3,000,000
Union	Eklund Storage Works Dam	Frost National Bank	Poor	Outlet Inoperable, Woody Veg, Erosion On Crest	\$200,000
Union	Gardner Dam	Harkins, Larry	Fair	Spillway Capacity 37% of required flood, Lack of design info	\$2,500,000
Union	Howard Robertson Dam	Robertson, H	Poor	Severe erosion of embankment, Conduit plugged, Lack of maintenance	\$100,000
Union	Lower Garret Dam	Mays, W.A .& Mays, Agnes Trust # 2	Poor	Erosion, Existence of Outlet Conduit Unknown, No Permit Issued	\$100,000
Union	Poling Erosion Control Dam	Poling, Patsy	Poor	Spillway Capacity 5% of required flood	\$2,500,000

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COUNTY	DAM NAME	OWNER NAME	CONDITION	DEFICIENCY	ESTIMATED COST
Union	Poling Irrigation System Dam	Poling, Patsy	Fair	Woody Veg, Inoperable Outlet Intake - Buried In Sediment, Maintenance needed	\$100,000
Union	Smithson Reservoir No 1	Carolyn Lutes	Poor	Spillway Capacity < 20% of required flood	\$2,500,000
Union	Smithson Reservoir No 3	Carolyn Lutes	Poor	Spillway Capacity < 7% of required flood	\$2,500,000
Union	Smithson Reservoir No 4	Carolyn Lutes	Poor	Spillway Capacity < 5% of required flood	\$2,500,000
Union	Snyder Lake Dam	Snyder Ranch	Poor	Spillway Capacity <20% of required flood	\$2,500,000
Union	Weatherly Reservoir Dam	Springhill Corporation	Poor / Satisfactory	Lack of Design Information	\$100,000
	<b>Total Estimated Cost to address Deficiencies:</b>				\$85,660,000
	<b>Total Estimated Cost for Publicly Owned Dams:</b>				\$18,160,000