

Table E-1. Total Areas and Capacities Claimed by the US Survey for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico<sup>1</sup>

Reservoir Site Number (P-xxxx)	Reservoir Information						US Survey Claim		
	Quadrangle	Drainage	County	Reservoir Category	Navajo Land Status	Lake Name	Total Area (acres) <sup>2</sup>	Maximum Depth (feet) <sup>2</sup>	Capacity (acre-feet) <sup>2</sup>
1723	Whitehorse	Chaco River	McKinley	In Channel	trust		0.24	1.32	0.19
1546	Whitehorse Rincon	Chaco River	McKinley	In Channel	fee		1.59	12.12	11.56
1545	Whitehorse Rincon	Chaco River	McKinley	In Channel	fee		0.47	3.30	0.93
1333	Yellow Hill	Chaco River	San Juan	In Channel	trust		57.57	13.09	452.18
40	Yellow Hill	Chaco River	San Juan	In Channel	trust	Big Gap Reservoir	24.47	17.06	250.47
1342	Yellow Hill	Chaco River	San Juan	In Channel	trust		5.96	6.63	23.72
5367	Yellow Hill	Chaco River	San Juan	In Channel	trust		6.55	4.60	18.07
1372	Yellow Hill	Chaco River	San Juan	In Channel	trust		7.79	3.61	16.87
1325	Yellow Hill	Chaco River	San Juan	In Channel	trust		8.93	2.23	11.96
1782	Yellow Hill	Chaco River	San Juan	In Channel	trust		1.07	15.03	9.65
1373	Yellow Hill	Chaco River	San Juan	In Channel	trust		1.83	4.93	5.41
1341	Yellow Hill	Chaco River	San Juan	In Channel	trust		1.08	6.74	4.37
1328	Yellow Hill	Chaco River	San Juan	In Channel	trust		5.25	1.31	4.13
1332	Yellow Hill	Chaco River	San Juan	In Channel	trust		1.41	3.20	2.71
1363	Yellow Hill	Chaco River	San Juan	In Channel	trust		2.43	1.31	1.91
1362	Yellow Hill	Chaco River	San Juan	In Channel	trust		0.58	3.25	1.13
1340	Yellow Hill	Chaco River	San Juan	In Channel	trust		0.33	5.15	1.02
1316	Yellow Hill	Chaco River	San Juan	In Channel	trust		0.28	4.35	0.73
1374	Yellow Hill	Chaco River	San Juan	In Channel	trust		0.63	1.27	0.48
5366	Yellow Hill	Chaco River	San Juan	In Channel	trust		0.24	2.99	0.43
1344	Yellow Hill	Chaco River	San Juan	In Channel	trust		0.21	2.06	0.26
1129	Coyote Canyon NW	Chaco River	McKinley	In Channel, Spring	trust		2.71	9.03	14.69
5223	Carson Trading Post	SJ River above CR	San Juan	In Channel, Well	allotment		0.22	0.98	0.13
211	Coyote Canyon	Chaco River	McKinley	In Channel, Well	trust		0.39	1.84	0.43
698	Hugh Lake	SJ River above CR	San Juan	In Channel, Well	trust		4.05	17.37	42.21
988	Pueblo Alto Trading Post	Chaco River	McKinley	In Channel, Well	allotment		74.69	11.81	529.26
5116	Sheep Springs	Chaco River	San Juan	In Channel, Well	trust		0.35	1.71	0.36
378	Table Mesa	Chaco River	San Juan	In Channel, Well	trust		2.28	7.54	10.31
809	Table Mesa	Chaco River	San Juan	In Channel, Well	trust		1.13	2.94	1.99
1414	Table Mesa	Chaco River	San Juan	In Channel, Well	trust		1.54	1.11	1.03
5242	Carson Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		2.78	14.12	23.55
773	Carson Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		2.26	8.53	11.56
5244	Carson Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.42	5.63	1.42
5272	Carson Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.64	3.10	1.19
768	Carson Trading Post	SJ River above CR	San Juan	NIIP, In Channel	allotment		0.99	1.65	0.98
5258	Carson Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.40	3.13	0.75
5255	Carson Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.47	2.38	0.67
834	Carson Trading Post	SJ River above CR	San Juan	NIIP, In Channel	allotment		0.26	3.27	0.51
5300	East Fork Kutz Canyon	SJ River above CR	San Juan	NIIP, In Channel	trust		0.85	5.20	2.65
787	East Fork Kutz Canyon	SJ River above CR	San Juan	NIIP, In Channel	trust		0.30	5.83	1.05
633	Farmington South	SJ River above CR	San Juan	NIIP, In Channel	trust		3.61	10.17	22.03
366	Fruitland	Chaco River	San Juan	NIIP, In Channel	trust		5.44	3.61	11.79
5373	Fruitland	SJ River above CR	San Juan	NIIP, In Channel	trust		2.28	3.70	5.06
365	Fruitland	Chaco River	San Juan	NIIP, In Channel	trust		1.41	5.58	4.72
5378	Fruitland	Chaco River	San Juan	NIIP, In Channel	trust		1.27	5.30	4.04
5393	Fruitland	SJ River above CR	San Juan	NIIP, In Channel	trust		0.94	3.51	1.98
5314	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	allotment		4.35	8.09	21.12
5351	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		1.86	17.19	19.18
5307	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		3.01	9.61	17.35
5291	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		2.73	10.40	17.04
5304	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		3.05	8.09	14.80
5329	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		1.46	8.00	7.01
5292	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	allotment		1.19	8.22	5.87
794	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		2.95	3.28	5.81
795	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		3.30	2.63	5.20
5326	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		1.35	6.09	4.93
5295	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.99	7.86	4.67
5339	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.69	9.95	4.12
5335	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		1.17	5.21	3.66
5322	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.85	6.43	3.28
5303	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		1.26	4.29	3.24
5302	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.60	8.86	3.19
5288	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.35	11.43	2.40
825	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.44	9.09	2.40
5338	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.39	8.89	2.08
788	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.52	6.28	1.96
5312	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	allotment		0.34	8.24	1.68
839	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.48	5.59	1.61
5347	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.27	9.14	1.48
833	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.65	3.28	1.28
5289	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.30	6.00	1.08
5285	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.52	3.30	1.03

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	Quadrangle	Drainage	County	Reservoir Category	Navajo Land Status	Lake Name	Total Area (acres) <sup>2</sup>	Maximum Depth (feet) <sup>2</sup>	Capacity (acre-feet) <sup>2</sup>
789	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.55	2.94	0.97
790	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.48	3.30	0.95
5281	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.39	3.80	0.89
5287	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.24	5.35	0.77
5286	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.21	5.56	0.70
5359	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.21	4.21	0.53
785	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.27	2.96	0.48
5321	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.27	1.48	0.24
5360	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.11	2.12	0.14
5356	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel	trust		0.03	3.89	0.07
808	Hugh Lake	SJ River above CR	San Juan	NIIP, In Channel	allotment		6.76	12.47	50.56
5301	Hugh Lake	SJ River above CR	San Juan	NIIP, In Channel	trust		2.78	15.38	25.66
697	Hugh Lake	SJ River above CR	San Juan	NIIP, In Channel	trust		2.14	15.41	19.79
803	Hugh Lake	SJ River above CR	San Juan	NIIP, In Channel	trust		3.44	8.87	18.30
806	Hugh Lake	SJ River above CR	San Juan	NIIP, In Channel	trust		0.89	9.16	4.89
5283	Hugh Lake	SJ River above CR	San Juan	NIIP, In Channel	trust		0.64	1.69	0.65
5328	Hugh Lake	SJ River above CR	San Juan	NIIP, In Channel	trust		0.48	1.11	0.32
5376	Kirtland	SJ River above CR	San Juan	NIIP, In Channel	trust		1.93	8.51	9.85
5377	Kirtland	SJ River above CR	San Juan	NIIP, In Channel	trust		0.56	4.02	1.35
814	Kirtland SE	SJ River above CR	San Juan	NIIP, In Channel	trust		7.63	2.62	12.01
5361	Kirtland SE	SJ River above CR	San Juan	NIIP, In Channel	trust		1.55	4.09	3.80
816	Kirtland SE	SJ River above CR	San Juan	NIIP, In Channel	trust		1.72	3.28	3.39
5311	Kirtland SE	Chaco River	San Juan	NIIP, In Channel	trust		0.63	4.87	1.84
5357	Kirtland SE	Chaco River	San Juan	NIIP, In Channel	trust		0.25	8.07	1.21
623	Kirtland SE	SJ River above CR	San Juan	NIIP, In Channel	trust		0.51	2.65	0.81
5352	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		9.34	2.80	15.69
5330	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		2.74	4.00	6.57
5316	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		2.17	4.00	5.21
5344	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		0.75	11.36	5.11
367	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		1.14	5.91	4.04
361	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		2.57	2.30	3.55
368	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		1.25	3.27	2.45
370	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		1.32	2.94	2.33
354	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		1.10	3.29	2.17
355	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		0.59	5.25	1.86
5353	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		0.78	3.68	1.72
5318	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		0.58	4.02	1.40
356	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		1.15	1.30	0.90
382	Kirtland SW	Chaco River	San Juan	NIIP, In Channel	trust		0.22	1.97	0.26
5216	Moncisco Wash	SJ River above CR	San Juan	NIIP, In Channel	trust		0.73	7.12	3.12
5296	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, In Channel, Spring	trust		0.22	3.18	0.42
5346	Gallegos Trading Post	SJ River above CR	San Juan	NIIP, Off Channel	trust		0.73	4.98	2.18
5350	Hugh Lake	SJ River above CR	San Juan	NIIP, Off Channel	trust		7.68	11.10	51.13
458	Becenti Lake	Chaco River	McKinley	Off Channel	allotment		0.08	2.08	0.10
411	Burnham Trading Post	Chaco River	San Juan	Off Channel	trust		0.83	11.10	5.53
852	Carson Trading Post	SJ River above CR	San Juan	Off Channel	allotment		0.99	7.21	4.28
844	Carson Trading Post	SJ River above CR	San Juan	Off Channel	trust		0.38	5.92	1.35
777	Carson Trading Post	SJ River above CR	San Juan	Off Channel	allotment		0.28	3.93	0.66
413	Chimney Rock	SJ River above CR	San Juan	Off Channel	trust		1.16	14.81	10.31
1171	Chuska Lake	Chaco River	McKinley	Off Channel	trust		0.87	2.87	1.50
1184	Chuska Lake	Chaco River	McKinley	Off Channel	trust		0.39	2.31	0.54
153	Dalton Pass	Chaco River	McKinley	Off Channel	trust		0.43	1.78	0.46
881	Huerfano Trading Post SW	Chaco River	San Juan	Off Channel	allotment		1.55	14.08	13.09
1008	Lybrook NW	Chaco River	San Juan	Off Channel	allotment		1.09	9.19	6.01
989	Pueblo Alto Trading Post	Chaco River	McKinley	Off Channel	allotment		0.23	3.91	0.54
1280	Sheep Springs	Chaco River	San Juan	Off Channel	trust		0.39	5.51	1.29
660	The Pillar 3 SE	Chaco River	San Juan	Off Channel	trust		0.80	13.21	6.34
208	Toyee	Chaco River	McKinley	Off Channel	trust		0.37	9.28	2.06
197	Toyee	Chaco River	McKinley	Off Channel	trust		0.80	3.90	1.87
5172	Alamo Mesa West	Chaco River	San Juan	Well	trust		0.10	4.33	0.26
5174	Alamo Mesa West	Chaco River	San Juan	Well	trust		0.04	4.17	0.10
528	Antelope Lookout Mesa	Chaco River	McKinley	Well	trust		0.35	6.62	1.39
1738	Antelope Lookout Mesa	Chaco River	McKinley	Well	trust		0.19	2.28	0.26
1737	Antelope Lookout Mesa	Chaco River	McKinley	Well	trust		0.13	2.95	0.23
606	Antelope Lookout Mesa	Chaco River	McKinley	Well	trust		0.10	3.50	0.21
1736	Antelope Lookout Mesa	Chaco River	McKinley	Well	trust		0.10	2.17	0.13
466	Becenti Lake	Chaco River	McKinley	Well	allotment		0.28	3.69	0.62
459	Becenti Lake	Chaco River	McKinley	Well	allotment		0.09	2.04	0.11
1820	Big Rock Hill	Chaco River	McKinley	Well	trust		7.31	2.95	12.94
205	Big Rock Hill	Chaco River	McKinley	Well	trust		0.31	5.48	1.02
1752	Big Rock Hill	Chaco River	McKinley	Well	trust		0.26	3.53	0.55
206	Big Rock Hill	Chaco River	McKinley	Well	trust		0.13	2.31	0.18

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	Quadrangle	Drainage	County	Reservoir Category	Navajo Land Status	Lake Name	Total Area (acres) <sup>2</sup>	Maximum Depth (feet) <sup>2</sup>	Capacity (acre-feet) <sup>2</sup>
1193	Big Rock Hill	Chaco River	McKinley	Well	trust		0.12	1.25	0.09
598	Bisti Trading Post	Chaco River	San Juan	Well	trust		0.07	1.67	0.07
596	Bisti Trading Post	Chaco River	San Juan	Well	trust		0.07	1.43	0.06
597	Bisti Trading Post	Chaco River	San Juan	Well	trust		0.02	2.50	0.03
5434	Canal Creek	SJ River below CR	San Juan	Well	trust		0.14	3.93	0.33
407	Casamero Lake	Chaco River	McKinley	Well	allotment		0.11	4.55	0.30
408	Casamero Lake	Chaco River	McKinley	Well	allotment		0.03	6.67	0.12
1182	Chuska Lake	Chaco River	McKinley	Well	trust		2.18	1.44	1.89
1172	Chuska Lake	Chaco River	McKinley	Well	trust		0.34	4.90	1.00
1173	Chuska Lake	Chaco River	McKinley	Well	trust		0.11	2.58	0.17
1176	Chuska Lake	Chaco River	McKinley	Well	trust		0.07	2.86	0.12
1625	Counselor	SJ River above CR	Rio Arriba	Well	fee		0.33	4.24	0.84
1650	Counselor	SJ River above CR	Sandoval	Well	fee		0.28	4.58	0.77
204	Coyote Canyon	Chaco River	McKinley	Well	trust		0.20	3.42	0.41
209	Coyote Canyon	Chaco River	McKinley	Well	trust		0.11	1.67	0.11
179	Coyote Canyon NW	Chaco River	McKinley	Well	trust		0.36	3.98	0.86
175	Coyote Canyon NW	Chaco River	McKinley	Well	trust		0.34	3.33	0.68
219	Coyote Canyon NW	Chaco River	McKinley	Well	trust		0.12	4.03	0.29
1160	Coyote Canyon NW	Chaco River	McKinley	Well	trust		0.10	2.33	0.14
1676	Crow Mesa East	SJ River above CR	Rio Arriba	Well	fee		1.54	3.28	3.03
1016	Crow Mesa West	SJ River above CR	San Juan	Well	allotment		2.02	2.95	3.57
1020	Crow Mesa West	SJ River above CR	San Juan	Well	allotment		0.12	4.72	0.34
889	Crow Mesa West	SJ River above CR	San Juan	Well	allotment		0.18	2.59	0.28
1014	Crow Mesa West	SJ River above CR	San Juan	Well	trust		0.20	1.92	0.23
557	Crownpoint	Chaco River	McKinley	Well	allotment		3.88	9.18	21.37
564	Crownpoint	Chaco River	McKinley	Well	trust		0.16	11.15	1.07
5002	Crownpoint	Chaco River	McKinley	Well	trust		0.15	4.22	0.38
576	Dalton Pass	Chaco River	McKinley	Well	trust		0.62	1.96	0.73
1422	Dalton Pass	Chaco River	McKinley	Well	trust		0.45	1.93	0.52
575	Dalton Pass	Chaco River	McKinley	Well	trust		0.28	2.26	0.38
317	Ear Rock	Chaco River	McKinley	Well	trust		0.69	5.58	2.31
146	Ear Rock	Chaco River	McKinley	Well	trust		0.34	6.76	1.38
173	Ear Rock	Chaco River	McKinley	Well	trust		0.34	5.29	1.08
5029	Ear Rock	Chaco River	McKinley	Well	trust		0.58	3.10	1.08
148	Ear Rock	Chaco River	McKinley	Well	trust		0.14	5.00	0.42
147	Ear Rock	Chaco River	McKinley	Well	trust		0.13	2.69	0.21
5343	Gallegos Trading Post	SJ River above CR	San Juan	Well	trust		2.57	10.12	15.60
1656	Gonzales Mesa	SJ River above CR	Rio Arriba	Well	fee		0.88	4.26	2.25
271	Great Bend	Chaco River	San Juan	Well	trust		0.13	7.56	0.59
252	Great Bend	Chaco River	San Juan	Well	trust		0.39	1.32	0.31
5095	Great Bend	Chaco River	San Juan	Well	trust		0.12	2.64	0.19
261	Great Bend	Chaco River	San Juan	Well	trust		0.06	3.06	0.11
274	Great Bend	Chaco River	San Juan	Well	trust		0.12	1.25	0.09
242	Great Bend	Chaco River	San Juan	Well	trust		0.07	1.67	0.07
5094	Great Bend	Chaco River	San Juan	Well	trust		0.05	1.67	0.05
185	Grey Hill Spring	Chaco River	San Juan	Well	trust		0.76	4.93	2.25
5074	Grey Hill Spring	Chaco River	San Juan	Well	trust		0.11	1.52	0.10
5071	Grey Hill Spring	Chaco River	San Juan	Well	trust		0.09	1.67	0.09
543	Heart Rock	Chaco River	McKinley	Well	trust		0.75	8.53	3.84
1078	Horse Mesa	SJ River below CR	San Juan	Well	trust		0.14	3.93	0.33
5181	Huerfano Trading Post SW	SJ River above CR	San Juan	Well	allotment		0.06	3.06	0.11
5148	Huerfano Trading Post SW	Chaco River	San Juan	Well	trust		0.07	2.38	0.10
702	Hugh Lake	SJ River above CR	San Juan	Well	trust		0.17	7.25	0.74
502	Kin Klizhin Ruins	Chaco River	San Juan	Well	trust		0.26	3.91	0.61
677	Kin Klizhin Ruins	Chaco River	San Juan	Well	allotment		0.19	2.28	0.26
701	Kirtland SE	SJ River above CR	San Juan	Well	trust		0.16	6.35	0.61
1729	La Vida Mission	Chaco River	San Juan	Well	fee		0.35	1.62	0.34
678	La Vida Mission	Chaco River	San Juan	Well	allotment		0.13	3.46	0.27
966	Laguna Castillo	Chaco River	McKinley	Well	allotment		0.14	7.02	0.59
965	Laguna Castillo	Chaco River	McKinley	Well	allotment		0.11	6.36	0.42
5247	Little Water	Chaco River	San Juan	Well	trust		0.12	4.03	0.29
5248	Little Water	Chaco River	San Juan	Well	trust		0.11	2.58	0.17
298	Little Water	Chaco River	San Juan	Well	trust		0.07	2.86	0.12
5210	Little Water	Chaco River	San Juan	Well	trust		0.06	1.94	0.07
1007	Lybrook NW	Chaco River	San Juan	Well	trust		0.20	3.33	0.40
1451	Milk Lake	Chaco River	McKinley	Well	fee		1.90	4.27	4.87
489	Milk Lake	Chaco River	McKinley	Well	trust		0.65	7.18	2.80
1468	Milk Lake	Chaco River	McKinley	Well	trust		0.35	3.90	0.82
1452	Milk Lake	Chaco River	McKinley	Well	fee		0.26	4.68	0.73
1447	Milk Lake	Chaco River	McKinley	Well	fee		0.15	8.00	0.72
1448	Milk Lake	Chaco River	McKinley	Well	fee		0.22	5.23	0.69
1449	Milk Lake	Chaco River	McKinley	Well	fee		0.16	6.77	0.65

Table E-1. Total Areas and Capacities Claimed by the US Survey for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico<sup>1</sup>

Reservoir Site Number (P-xxxx)	Reservoir Information					US Survey Claim			
	Quadrangle	Drainage	County	Reservoir Category	Navajo Land Status	Lake Name	Total Area (acres) <sup>2</sup>	Maximum Depth (feet) <sup>2</sup>	Capacity (acre-feet) <sup>2</sup>
5022	Milk Lake	Chaco River	McKinley	Well	fee		0.32	3.28	0.63
1450	Milk Lake	Chaco River	McKinley	Well	fee		0.15	6.44	0.58
1455	Milk Lake	Chaco River	McKinley	Well	fee		0.15	5.44	0.49
1453	Milk Lake	Chaco River	McKinley	Well	fee		0.48	1.46	0.42
1470	Milk Lake	Chaco River	McKinley	Well	trust		0.11	3.94	0.26
5023	Milk Lake	Chaco River	McKinley	Well	fee		0.10	4.00	0.24
1469	Milk Lake	Chaco River	McKinley	Well	trust		0.11	3.18	0.21
1318	Mitten Rock	SJ River below CR	San Juan	Well	trust		0.23	3.41	0.47
1315	Mitten Rock	Chaco River	San Juan	Well	trust		0.16	3.75	0.36
1085	Mitten Rock	SJ River below CR	San Juan	Well	trust		0.08	3.75	0.18
1339	Mitten Rock	Chaco River	San Juan	Well	trust		0.16	1.77	0.17
767	Moncisco Wash	SJ River above CR	San Juan	Well	trust		0.16	4.69	0.45
5182	Moncisco Wash	Chaco River	San Juan	Well	trust		0.06	1.67	0.06
223	Naschitti	Chaco River	San Juan	Well	trust		0.89	5.28	2.82
5045	Naschitti	Chaco River	San Juan	Well	trust		0.29	8.16	1.42
1143	Naschitti	Chaco River	San Juan	Well	trust		0.06	2.22	0.08
309	Newcomb	Chaco River	San Juan	Well	trust		1.75	5.59	5.87
312	Newcomb	Chaco River	San Juan	Well	trust		0.08	3.33	0.16
311	Newcomb	Chaco River	San Juan	Well	trust		0.06	2.78	0.10
310	Newcomb	Chaco River	San Juan	Well	trust		0.05	2.00	0.06
5206	Newcomb NE	Chaco River	San Juan	Well	trust		0.72	5.32	2.30
5205	Newcomb NE	Chaco River	San Juan	Well	trust		1.81	2.10	2.28
5278	Newcomb NE	Chaco River	San Juan	Well	trust		0.09	4.44	0.24
5279	Newcomb NE	Chaco River	San Juan	Well	trust		0.04	2.50	0.06
307	Newcomb SE	Chaco River	San Juan	Well	trust		0.06	2.50	0.09
1465	Nose Rock	Chaco River	McKinley	Well	fee		0.72	7.25	3.13
5015	Nose Rock	Chaco River	McKinley	Well	trust		0.19	3.68	0.42
1464	Nose Rock	Chaco River	McKinley	Well	fee		0.12	2.92	0.21
462	Nose Rock	Chaco River	McKinley	Well	trust		0.15	2.22	0.20
5028	Nose Rock	Chaco River	McKinley	Well	trust		0.12	2.36	0.17
463	Nose Rock	Chaco River	McKinley	Well	trust		0.08	2.08	0.10
5410	Palmer Mesa	SJ River below CR	San Juan	Well	trust		0.65	5.23	2.04
1549	Pueblo Alto Trading Post	Chaco River	McKinley	Well	fee		0.10	2.33	0.14
1029	Pueblo Pintado	Chaco River	McKinley	Well	trust		0.28	3.27	0.55
1548	Pueblo Pintado	Chaco River	McKinley	Well	fee		0.10	5.17	0.31
5399	Rattlesnake	SJ River below CR	San Juan	Well	trust		0.15	4.78	0.43
447	Red Lake Well	Chaco River	McKinley	Well	trust		1.94	3.93	4.58
467	Red Lake Well	Chaco River	McKinley	Well	trust		0.61	1.31	0.48
5025	Red Lake Well	Chaco River	McKinley	Well	trust		0.12	2.92	0.21
5340	Red Valley	SJ River below CR	San Juan	Well	trust		0.12	3.06	0.22
1079	Red Valley	SJ River below CR	San Juan	Well	trust		0.09	2.04	0.11
5387	Sand Spring	SJ River below CR	San Juan	Well	trust		1.24	1.80	1.34
1819	Sanostee East	Chaco River	San Juan	Well	trust		0.58	1.32	0.46
1348	Sanostee East	Chaco River	San Juan	Well	trust		0.29	2.64	0.46
1355	Sanostee East	Chaco River	San Juan	Well	trust		0.32	1.61	0.31
5217	Sanostee East	Chaco River	San Juan	Well	trust		0.22	1.29	0.17
952	Sargent Ranch	Chaco River	San Juan	Well	fee		0.12	4.31	0.31
953	Sargent Ranch	Chaco River	San Juan	Well	fee		0.07	6.90	0.29
954	Sargent Ranch	Chaco River	San Juan	Well	fee		0.07	3.81	0.16
950	Sargent Ranch	Chaco River	San Juan	Well	fee		0.03	3.33	0.06
1702	Seven Lakes	Chaco River	McKinley	Well	fee		0.15	4.89	0.44
1510	Seven Lakes	Chaco River	McKinley	Well	fee		0.08	3.96	0.19
1701	Seven Lakes	Chaco River	McKinley	Well	fee		0.09	3.52	0.19
1512	Seven Lakes	Chaco River	McKinley	Well	fee		0.11	2.27	0.15
1505	Seven Lakes NE	Chaco River	McKinley	Well	fee		0.72	2.29	0.99
1579	Seven Lakes NE	Chaco River	McKinley	Well	fee		0.22	4.02	0.53
1581	Seven Lakes NE	Chaco River	McKinley	Well	fee		0.13	4.10	0.32
1580	Seven Lakes NE	Chaco River	McKinley	Well	fee		0.10	3.67	0.22
1502	Seven Lakes NE	Chaco River	McKinley	Well	fee		0.19	1.67	0.19
1561	Seven Lakes NE	Chaco River	McKinley	Well	fee		0.07	3.81	0.16
1687	Seven Lakes NE	Chaco River	McKinley	Well	fee		0.13	1.67	0.13
912	Seven Lakes NE	Chaco River	McKinley	Well	trust		0.06	3.06	0.11
1688	Seven Lakes NE	Chaco River	McKinley	Well	fee		0.11	1.52	0.10
1560	Seven Lakes NE	Chaco River	McKinley	Well	fee		0.04	3.75	0.09
911	Seven Lakes NE	Chaco River	McKinley	Well	trust		0.07	1.90	0.08
913	Seven Lakes NE	Chaco River	McKinley	Well	trust		0.08	1.67	0.08
1577	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.37	1.67	0.37
1692	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.17	3.33	0.34
1705	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.13	3.97	0.31
1689	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.11	4.39	0.29
1690	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.05	9.33	0.28
1707	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.23	1.67	0.23

Table E-1. Total Areas and Capacities Claimed by the US Survey for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico<sup>1</sup>

Reservoir Site Number (P-xxxx)	Reservoir Information						US Survey Claim		
	Quadrangle	Drainage	County	Reservoir Category	Navajo Land Status	Lake Name	Total Area (acres) <sup>2</sup>	Maximum Depth (feet) <sup>3</sup>	Capacity (acre-feet) <sup>3</sup>
1704	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.23	1.59	0.22
1706	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.25	1.33	0.20
1586	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.09	2.96	0.16
1585	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.17	1.27	0.13
1514	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.12	1.53	0.11
1576	Seven Lakes NW	Chaco River	McKinley	Well	fee		0.09	1.30	0.07
1551	Seven Lakes SE	Chaco River	McKinley	Well	fee		0.24	5.14	0.74
1594	Seven Lakes SE	Chaco River	McKinley	Well	fee		0.18	4.26	0.46
1605	Seven Lakes SE	Chaco River	McKinley	Well	fee		0.73	1.05	0.46
916	Seven Lakes SE	Chaco River	McKinley	Well	fee		0.09	6.67	0.36
1595	Seven Lakes SE	Chaco River	McKinley	Well	fee		0.09	3.52	0.19
1552	Seven Lakes SE	Chaco River	McKinley	Well	fee		0.12	2.50	0.18
1606	Seven Lakes SE	Chaco River	McKinley	Well	fee		0.13	1.67	0.13
1591	Seven Lakes SE	Chaco River	McKinley	Well	fee		0.08	1.46	0.07
254	Sheep Springs	Chaco River	San Juan	Well	trust		0.16	3.54	0.34
255	Sheep Springs	Chaco River	San Juan	Well	trust		0.07	4.76	0.20
253	Sheep Springs	Chaco River	San Juan	Well	trust		0.06	3.06	0.11
166	Standing Rock	Chaco River	McKinley	Well	trust		0.77	9.44	4.36
167	Standing Rock	Chaco River	McKinley	Well	trust		0.70	5.36	2.25
1817	Standing Rock	Chaco River	McKinley	Well	trust		1.04	3.59	2.24
165	Standing Rock	Chaco River	McKinley	Well	trust		0.11	10.15	0.67
5004	Standing Rock	Chaco River	McKinley	Well	trust		0.13	6.92	0.54
565	Standing Rock	Chaco River	McKinley	Well	trust		0.22	3.18	0.42
566	Standing Rock	Chaco River	McKinley	Well	trust		0.15	3.00	0.27
239	Standing Rock NW	Chaco River	McKinley	Well	trust		1.49	7.90	7.06
321	Standing Rock NW	Chaco River	McKinley	Well	trust		0.24	4.86	0.70
5034	Standing Rock NW	Chaco River	McKinley	Well	trust		0.31	3.01	0.56
5333	Table Mesa	Chaco River	San Juan	Well	trust		4.08	10.79	26.41
5334	Table Mesa	Chaco River	San Juan	Well	trust		0.37	2.79	0.62
5342	Table Mesa	Chaco River	San Juan	Well	trust		0.19	2.54	0.29
1762	Table Mesa	Chaco River	San Juan	Well	trust		0.29	1.67	0.29
5362	Table Mesa	Chaco River	San Juan	Well	trust		0.10	1.67	0.10
1632	Tafoya Canyon	SJ River above CR	San Juan	Well	fee		0.48	5.56	1.60
1457	Tanner Lake	Chaco River	San Juan	Well	fee		0.39	7.82	1.83
5122	Tanner Lake	Chaco River	San Juan	Well	allotment		0.05	2.00	0.06
1076	Teec Nos Pos	SJ River below CR	San Juan	Well	trust		0.08	3.13	0.15
1074	Teec Nos Pos	SJ River below CR	San Juan	Well	trust		0.05	2.33	0.07
441	The Hogback North	Chaco River	San Juan	Well	trust		0.10	2.33	0.14
442	The Hogback North	Chaco River	San Juan	Well	trust		0.07	2.38	0.10
675	The Pillar 3 NE	Chaco River	San Juan	Well	trust		0.19	6.32	0.72
280	The Pillar 3 NW	Chaco River	San Juan	Well	trust		0.09	4.44	0.24
279	The Pillar 3 NW	Chaco River	San Juan	Well	trust		0.04	1.67	0.04
5076	The Pillar 3 SE	Chaco River	San Juan	Well	trust		0.24	6.60	0.95
676	The Pillar 3 SE	Chaco River	San Juan	Well	trust		0.25	2.93	0.44
5069	The Pillar 3 SE	Chaco River	San Juan	Well	trust		0.23	1.96	0.27
640	The Pillar 3 SE	Chaco River	San Juan	Well	trust		0.11	2.27	0.15
679	The Pillar 3 SE	Chaco River	San Juan	Well	trust		0.15	1.33	0.12
975	Thompson Mesa	SJ River above CR	San Juan	Well	allotment		0.12	4.03	0.29
5149	Toadlena	Chaco River	San Juan	Well	trust		0.54	9.54	3.09
5150	Toadlena	Chaco River	San Juan	Well	trust		0.44	9.39	2.48
1208	Tohatchi	Chaco River	McKinley	Well	trust		0.93	5.39	3.01
1170	Tohatchi	Chaco River	McKinley	Well	trust		0.13	4.10	0.32
5006	Tohatchi	Chaco River	McKinley	Well	trust		0.04	1.67	0.04
5014	Toyee	Chaco River	McKinley	Well	trust		0.22	4.92	0.65
5005	Toyee	Chaco River	McKinley	Well	trust		0.09	2.96	0.16
5166	Tsin-nas-kid	Chaco River	San Juan	Well	trust		0.55	6.15	2.03
5155	Tsin-nas-kid	Chaco River	San Juan	Well	trust		0.26	3.78	0.59
1389	Tsin-nas-kid	Chaco River	San Juan	Well	trust		0.07	2.14	0.09
1196	Twin Lakes	Chaco River	McKinley	Well	trust		0.83	6.35	3.16
5127	Two Grey Hills	Chaco River	San Juan	Well	trust		0.77	2.49	1.15
5117	Two Grey Hills	Chaco River	San Juan	Well	trust		0.12	3.06	0.22
1722	Whitehorse	Chaco River	McKinley	Well	trust		0.17	4.31	0.44
1023	Whitehorse	Chaco River	McKinley	Well	trust		0.15	1.67	0.15
1550	Whitehorse Rincon	Chaco River	McKinley	Well	fee		0.06	8.06	0.29
1761	Yellow Hill	Chaco River	San Juan	Well	trust		0.40	2.63	0.63
5368	Yellow Hill	Chaco River	San Juan	Well	trust		0.09	3.89	0.21
1343	Yellow Hill	Chaco River	San Juan	Well	trust		0.23	1.16	0.16
257	Naschitti	Chaco River	San Juan	In Channel	trust	Naschitti Reservoir			
1092	Upper Wheatfields	Chinle Wash	San Juan	In Channel	trust	Little White Cone Lake			
42	Washington Pass	Chaco River	McKinley	In Channel	trust	Long Lake			
39	Tsin-nas-kid	Chaco River	San Juan	In Channel, Well	trust	Sheep Dip Reservoir			
1823	Big Rock Hill	Chaco River	McKinley	Well	trust	Bass Lake			

Table E-1. Total Areas and Capacities Claimed by the US Survey for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico<sup>1</sup>

Reservoir Site Number (P-xxxx)	Reservoir Information						US Survey Claim		
	Quadrangle	Drainage	County	Reservoir Category	Navajo Land Status	Lake Name	Total Area (acres) <sup>2</sup>	Maximum Depth (feet) <sup>3</sup>	Capacity (acre-feet) <sup>2</sup>
5072	The Pillar 3 SE	Chaco River	San Juan	Well	trust				
Total							4,732.44	8,898.59	19,445.20
Average							2.75	5.17	11.30

Notes:

<sup>1</sup> Includes all reservoirs claimed by the US Survey as livestock reservoirs, less six reservoirs that were claimed by the US Survey as livestock reservoirs and that also historically supported irrigation project uses on Navajo Nation trust lands (Naschitti Reservoir, Little White Cone Lake, Long Lake, Sheep Dip Reservoir, Bass Lake, and Impoundment No. P-5072 above the White Rock Project).

<sup>2</sup> Maximum area or capacity at spillway crest claimed by the US Survey at Appendix M, table M-3.

<sup>3</sup> Maximum depth at spillway crest used by the US Survey as calculated from the maximum area and capacity at spillway crest claimed by the US Survey at Appendix M, table M-3, and the reservoir shape factor of 0.6 used for all reservoirs by the US Survey (see Keller-Bliesner Report, page 3).

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands In the San Juan River Basin In New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth In Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
	5164	0.26	-	-	-	0.26	5.10	-	-	5.10	0.60	-
5341	15.69	-	-	-	15.69	6.80	-	-	6.80	0.60	-	64.02
5240	3.85	-	-	-	3.85	4.60	-	-	4.60	0.60	-	10.63
5220	2.47	-	-	-	2.47	3.90	-	-	3.90	0.60	-	5.78
5222	1.58	-	-	-	1.58	6.00	-	-	6.00	0.60	-	5.69
5253	1.12	-	-	-	1.12	5.00	-	-	5.00	0.60	-	3.36
5197	0.24	-	-	-	0.24	4.50	-	-	4.50	0.60	-	0.65
5236	2.36	-	-	-	2.36	7.70	-	-	7.70	0.60	-	10.90
5243	1.57	-	-	-	1.57	6.80	-	-	6.80	0.60	-	6.41
5224	2.16	-	-	-	2.16	2.50	-	-	2.50	0.60	-	3.24
5221	1.72	-	-	-	1.72	2.90	-	-	2.90	0.60	-	2.99
5219	0.85	-	-	-	0.85	5.20	-	-	5.20	0.60	-	2.65
5406	0.12	-	-	-	0.12	2.90	-	-	2.90	0.60	-	0.21
5104	1.07	-	-	-	1.07	6.70	-	-	6.70	0.60	-	4.30
5124	1.48	-	-	-	1.48	10.60	-	-	10.60	0.60	-	9.41
5123	0.69	-	-	-	0.69	7.70	-	-	7.70	0.60	-	3.19
5126	0.63	-	-	-	0.63	6.70	-	-	6.70	0.60	-	2.53
5133	0.54	-	-	-	0.54	3.90	-	-	3.90	0.60	-	1.26
864	-	-	-	0.02	0.02	-	-	3.90	3.90	0.60	-	0.04
369	-	-	-	0.18	0.18	-	-	3.90	3.90	0.60	-	0.42
735	-	-	-	0.18	0.18	-	-	3.90	3.90	0.60	-	0.42
1759	-	-	-	0.36	0.36	-	-	3.90	3.90	0.60	-	0.84
1756	-	-	-	0.10	0.10	-	-	3.90	3.90	0.60	-	0.22
628	-	10.56	-	-	10.56	-	-	4.90	4.90	0.40	-	20.70
506	-	-	-	5.80	5.80	-	-	4.90	4.90	0.40	-	11.38
886	-	-	-	1.46	1.46	-	-	4.90	4.90	0.40	-	2.87
510	-	-	-	1.27	1.27	-	-	4.90	4.90	0.40	-	2.50
621	-	-	-	6.82	6.82	-	-	4.90	4.90	0.40	-	13.37
617	-	-	-	4.56	4.56	-	-	4.90	4.90	0.40	-	8.94
619	-	-	-	0.81	0.81	-	-	4.90	4.90	0.40	-	1.58
620	-	-	-	1.21	1.21	-	-	4.90	4.90	0.40	-	2.36
618	-	-	-	0.21	0.21	-	-	4.90	4.90	0.40	-	0.41
465	-	1.44	-	-	1.44	-	-	4.90	4.90	0.40	-	2.82
567	-	1.10	-	-	1.10	-	-	4.90	4.90	0.40	-	2.16
607	-	-	-	3.70	3.70	-	-	4.90	4.90	0.40	-	7.24
514	-	-	-	7.30	7.30	-	-	4.90	4.90	0.40	-	14.30
1784	-	-	-	1.44	1.44	-	-	4.90	4.90	0.40	-	2.83
515	-	-	-	2.48	2.48	-	-	4.90	4.90	0.40	-	4.86
456	-	-	-	0.76	0.76	-	-	4.90	4.90	0.40	-	1.49
530	-	-	-	0.82	0.82	-	-	4.90	4.90	0.40	-	1.60
569	-	-	-	7.58	7.58	-	-	4.90	4.90	0.40	-	14.86
532	-	-	-	2.95	2.95	-	-	4.90	4.90	0.40	-	5.77
513	-	-	-	0.77	0.77	-	-	4.90	4.90	0.40	-	1.51
1791	-	-	-	1.67	1.67	-	-	4.90	4.90	0.40	-	3.28
1394	-	-	-	3.80	3.80	-	-	4.90	4.90	0.40	-	7.45
600	-	-	-	1.81	1.81	-	-	4.90	4.90	0.40	-	3.56
568	-	-	-	2.02	2.02	-	-	4.90	4.90	0.40	-	3.97
531	-	-	-	0.69	0.69	-	-	4.90	4.90	0.40	-	1.36
533	-	-	-	0.73	0.73	-	-	4.90	4.90	0.40	-	1.43
605	-	-	-	0.63	0.63	-	-	4.90	4.90	0.40	-	1.23
460	-	-	-	0.85	0.85	-	-	4.90	4.90	0.40	-	1.66
536	-	-	-	2.26	2.26	-	-	4.90	4.90	0.40	-	4.43
571	-	-	-	0.97	0.97	-	-	4.90	4.90	0.40	-	1.90
537	-	-	-	0.75	0.75	-	-	4.90	4.90	0.40	-	1.47
599	-	-	-	0.35	0.35	-	-	4.90	4.90	0.40	-	0.69
539	-	-	-	0.47	0.47	-	-	4.90	4.90	0.40	-	0.91
524	-	-	-	0.72	0.72	-	-	4.90	4.90	0.40	-	1.42
538	-	-	-	0.92	0.92	-	-	4.90	4.90	0.40	-	1.81
523	-	-	-	1.03	1.03	-	-	4.90	4.90	0.40	-	2.01
572	-	-	-	0.39	0.39	-	-	4.90	4.90	0.40	-	0.76
1792	-	-	-	0.07	0.07	-	-	4.90	4.90	0.40	-	0.13
1785	-	-	-	0.19	0.19	-	-	4.90	4.90	0.40	-	0.37
1441	-	22.05	-	-	22.05	-	-	4.90	4.90	0.40	-	43.22
1496	-	0.00	-	-	0.00	-	-	4.90	4.90	0.40	-	0.00
1486	-	11.58	-	-	11.58	-	-	4.90	4.90	0.40	-	22.70
1491	-	-	-	5.14	5.14	-	-	4.90	4.90	0.40	-	10.07
1497	-	6.18	-	-	6.18	-	-	4.90	4.90	0.40	-	12.11
1490	-	-	-	2.90	2.90	-	-	4.90	4.90	0.40	-	5.68
1758	-	-	-	1.49	1.49	-	-	4.90	4.90	0.40	-	2.92
1787	-	-	-	6.09	6.09	-	-	4.90	4.90	0.40	-	11.94
1437	-	-	-	3.68	3.68	-	-	4.90	4.90	0.40	-	7.21
526	-	-	-	5.65	5.65	-	-	4.90	4.90	0.40	-	11.08

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/OC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
	1508	-	-	-	2.49	2.49	-	-	4.90	4.90	0.40	-
542	-	-	-	1.02	1.02	-	-	4.90	4.90	0.40	-	1.99
527	-	-	-	0.84	0.84	-	-	4.90	4.90	0.40	-	1.64
1499	-	-	-	3.68	3.68	-	-	4.90	4.90	0.40	-	7.21
1485	-	-	-	2.38	2.38	-	-	4.90	4.90	0.40	-	4.67
1500	-	-	-	2.13	2.13	-	-	4.90	4.90	0.40	-	4.17
1501	-	-	-	1.44	1.44	-	-	4.90	4.90	0.40	-	2.83
520	-	-	-	1.13	1.13	-	-	4.90	4.90	0.40	-	2.22
457	-	-	-	0.75	0.75	-	-	4.90	4.90	0.40	-	1.47
1492	-	-	-	1.97	1.97	-	-	4.90	4.90	0.40	-	3.85
1498	-	-	-	2.67	2.67	-	-	4.90	4.90	0.40	-	5.23
1783	-	-	-	1.72	1.72	-	-	4.90	4.90	0.40	-	3.37
1438	-	-	-	1.26	1.26	-	-	4.90	4.90	0.40	-	2.48
1436	-	-	-	0.88	0.88	-	-	4.90	4.90	0.40	-	1.73
1488	-	-	-	1.12	1.12	-	-	4.90	4.90	0.40	-	2.20
1439	-	-	-	1.48	1.48	-	-	4.90	4.90	0.40	-	2.90
1786	-	-	-	1.24	1.24	-	-	4.90	4.90	0.40	-	2.44
521	-	-	-	0.87	0.87	-	-	4.90	4.90	0.40	-	1.71
1494	-	-	-	0.27	0.27	-	-	4.90	4.90	0.40	-	0.52
1495	-	-	-	0.52	0.52	-	-	4.90	4.90	0.40	-	1.02
1440	-	-	-	0.35	0.35	-	-	4.90	4.90	0.40	-	0.69
541	-	-	-	0.32	0.32	-	-	4.90	4.90	0.40	-	0.63
540	-	-	-	0.19	0.19	-	-	4.90	4.90	0.40	-	0.37
202	-	17.37	-	-	17.37	-	-	4.90	4.90	0.40	-	34.05
1192	-	-	-	3.62	3.62	-	-	4.90	4.90	0.40	-	7.09
5003	2.22	-	-	-	2.22	7.10	-	-	7.10	0.40	-	6.30
1416	-	-	-	2.76	2.76	-	-	4.90	4.90	0.40	-	5.40
1190	-	-	-	1.18	1.18	-	-	4.90	4.90	0.40	-	2.31
1191	-	-	-	0.61	0.61	-	-	4.90	4.90	0.40	-	1.19
216	-	-	-	0.08	0.08	-	-	4.90	4.90	0.40	-	0.15
218	-	-	-	0.07	0.07	-	-	4.90	4.90	0.40	-	0.13
288	-	9.15	-	-	9.15	-	-	4.90	4.90	0.40	-	17.93
5158	9.99	-	-	-	9.99	5.80	-	-	5.80	0.40	-	23.18
1766	-	-	-	7.33	7.33	-	-	4.90	4.90	0.40	-	14.37
511	-	7.92	-	-	7.92	-	-	4.90	4.90	0.40	-	15.52
5173	7.33	-	-	-	7.33	4.10	-	-	4.10	0.40	-	12.02
508	-	-	-	2.80	2.80	-	-	4.90	4.90	0.40	-	5.49
504	-	-	-	2.23	2.23	-	-	4.90	4.90	0.40	-	4.38
301	-	-	-	2.96	2.96	-	-	4.90	4.90	0.40	-	5.81
1767	-	-	-	3.50	3.50	-	-	4.90	4.90	0.40	-	6.85
587	-	-	-	3.28	3.28	-	-	4.90	4.90	0.40	-	6.42
588	-	-	-	2.21	2.21	-	-	4.90	4.90	0.40	-	4.34
1765	-	-	-	1.85	1.85	-	-	4.90	4.90	0.40	-	3.63
608	-	-	-	1.16	1.16	-	-	4.90	4.90	0.40	-	2.27
509	-	-	-	2.89	2.89	-	-	4.90	4.90	0.40	-	5.66
595	-	-	-	0.93	0.93	-	-	4.90	4.90	0.40	-	1.82
584	-	-	-	1.53	1.53	-	-	4.90	4.90	0.40	-	3.00
5176	2.18	-	-	-	2.18	2.80	-	-	2.80	0.40	-	2.44
300	-	-	-	1.09	1.09	-	-	4.90	4.90	0.40	-	2.14
585	-	-	-	0.79	0.79	-	-	4.90	4.90	0.40	-	1.55
5180	0.83	-	-	-	0.83	3.80	-	-	3.80	0.40	-	1.26
586	-	-	-	0.54	0.54	-	-	4.90	4.90	0.40	-	1.06
299	-	-	-	1.24	1.24	-	-	4.90	4.90	0.40	-	2.44
1748	-	-	-	0.28	0.28	-	-	4.90	4.90	0.40	-	0.54
898	-	2.32	-	-	2.32	-	-	4.90	4.90	0.40	-	4.55
897	-	-	-	5.66	5.66	-	-	4.90	4.90	0.40	-	11.10
896	-	-	-	2.93	2.93	-	-	4.90	4.90	0.40	-	5.73
904	-	-	-	4.55	4.55	-	-	4.90	4.90	0.40	-	8.92
906	-	-	-	4.85	4.85	-	-	4.90	4.90	0.40	-	9.50
895	-	-	-	2.31	2.31	-	-	4.90	4.90	0.40	-	4.52
901	-	-	-	3.10	3.10	-	-	4.90	4.90	0.40	-	6.07
903	-	-	-	1.14	1.14	-	-	4.90	4.90	0.40	-	2.23
899	-	-	-	0.37	0.37	-	-	4.90	4.90	0.40	-	0.73
902	-	-	-	0.30	0.30	-	-	4.90	4.90	0.40	-	0.60
1673	-	-	-	1.69	1.69	-	-	4.90	4.90	0.40	-	3.31
1727	-	-	-	0.29	0.29	-	-	4.90	4.90	0.40	-	0.56
1720	-	-	-	3.56	3.56	-	-	4.90	4.90	0.40	-	6.98
962	-	-	-	1.97	1.97	-	-	4.90	4.90	0.40	-	3.85
968	-	-	-	1.03	1.03	-	-	4.90	4.90	0.40	-	2.01
961	-	-	-	1.38	1.38	-	-	4.90	4.90	0.40	-	2.70
963	-	-	-	1.42	1.42	-	-	4.90	4.90	0.40	-	2.77
958	-	-	-	0.15	0.15	-	-	4.90	4.90	0.40	-	0.30



Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>d</sup>	OSE Photo-Interpreted <sup>a</sup>	BIA Area-Capacity Table Data <sup>a</sup>	95% of US Survey Stereo Analyst Area <sup>a</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>d</sup>	BIA Area-Capacity Table Data <sup>a</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>c</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>e</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>b</sup>	Adjusted Maximum Volume (acre-feet) <sup>f</sup>
	964	-	-	-	0.68	0.68	-	-	4.90	4.90	0.40	-
969	-	-	-	0.55	0.55	-	-	4.90	4.90	0.40	-	1.08
1123	-	-	-	0.73	0.73	-	-	4.90	4.90	0.40	-	1.43
1124	-	-	-	0.60	0.60	-	-	4.90	4.90	0.40	-	1.17
1060	-	7.43	-	-	7.43	-	-	4.90	4.90	0.40	-	14.56
304	-	5.35	-	-	5.35	-	-	4.90	4.90	0.40	-	10.49
1747	-	-	-	5.07	5.07	-	-	4.90	4.90	0.40	-	9.94
302	-	-	-	3.69	3.69	-	-	4.90	4.90	0.40	-	7.22
5165	5.92	-	-	-	5.92	4.20	-	-	4.20	0.40	-	9.95
1061	-	-	-	2.07	2.07	-	-	4.90	4.90	0.40	-	4.06
305	-	-	-	2.54	2.54	-	-	4.90	4.90	0.40	-	4.97
1750	-	-	-	2.41	2.41	-	-	4.90	4.90	0.40	-	4.73
5157	4.00	-	-	-	4.00	3.30	-	-	3.30	0.40	-	5.28
410	-	-	-	0.90	0.90	-	-	4.90	4.90	0.40	-	1.77
5179	1.20	-	-	-	1.20	5.90	-	-	5.90	0.40	-	2.83
303	-	-	-	1.25	1.25	-	-	4.90	4.90	0.40	-	2.46
5184	2.09	-	-	-	2.09	2.90	-	-	2.90	0.40	-	2.42
338	-	-	-	1.34	1.34	-	-	4.90	4.90	0.40	-	2.63
1749	-	-	-	0.88	0.88	-	-	4.90	4.90	0.40	-	1.73
289	-	-	-	1.22	1.22	-	-	4.90	4.90	0.40	-	2.38
1751	-	-	-	0.43	0.43	-	-	4.90	4.90	0.40	-	0.84
5163	0.91	-	-	-	0.91	2.00	-	-	2.00	0.40	-	0.73
5171	0.59	-	-	-	0.59	2.80	-	-	2.80	0.40	-	0.66
5168	0.37	-	-	-	0.37	3.90	-	-	3.90	0.40	-	0.58
5178	0.28	-	-	-	0.28	5.10	-	-	5.10	0.40	-	0.57
5169	0.11	-	-	-	0.11	5.00	-	-	5.00	0.40	-	0.22
5162	0.10	-	-	-	0.10	2.10	-	-	2.10	0.40	-	0.08
5170	0.10	-	-	-	0.10	2.30	-	-	2.30	0.40	-	0.09
5424	5.17	-	-	-	5.17	12.50	-	-	12.50	0.40	-	25.85
5431	6.88	-	-	-	6.88	4.00	-	-	4.00	0.40	-	11.01
5425	0.99	-	-	-	0.99	15.40	-	-	15.40	0.40	-	6.10
1391	-	-	-	1.14	1.14	-	-	4.90	4.90	0.40	-	2.23
5426	1.88	-	-	-	1.88	6.40	-	-	6.40	0.40	-	4.81
1382	-	-	-	1.40	1.40	-	-	4.90	4.90	0.40	-	2.74
5422	3.83	-	-	-	3.83	2.20	-	-	2.20	0.40	-	3.37
5423	1.21	-	-	-	1.21	5.70	-	-	5.70	0.40	-	2.76
5428	1.10	-	-	-	1.10	5.40	-	-	5.40	0.40	-	2.38
1385	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.05
1386	-	-	-	0.86	0.86	-	-	4.90	4.90	0.40	-	1.68
1383	-	-	-	0.99	0.99	-	-	4.90	4.90	0.40	-	1.94
5416	1.00	-	-	-	1.00	3.10	-	-	3.10	0.40	-	1.24
1384	-	-	-	0.77	0.77	-	-	4.90	4.90	0.40	-	1.51
1413	-	-	-	0.75	0.75	-	-	4.90	4.90	0.40	-	1.47
1390	-	-	-	0.88	0.88	-	-	4.90	4.90	0.40	-	1.73
5193	6.04	-	-	-	6.04	6.00	-	-	6.00	0.40	-	14.50
775	-	-	-	1.89	1.89	-	-	4.90	4.90	0.40	-	3.71
5194	1.51	-	-	-	1.51	5.40	-	-	5.40	0.40	-	3.26
776	-	-	-	1.08	1.08	-	-	4.90	4.90	0.40	-	2.12
5237	0.74	-	-	-	0.74	9.60	-	-	9.60	0.40	-	2.84
848	-	-	-	3.30	3.30	-	-	4.90	4.90	0.40	-	6.46
5203	0.50	-	-	-	0.50	6.60	-	-	6.60	0.40	-	1.32
836	-	-	-	0.69	0.69	-	-	4.90	4.90	0.40	-	1.36
5259	0.32	-	-	-	0.32	3.90	-	-	3.90	0.40	-	0.50
5212	0.16	-	-	-	0.16	5.30	-	-	5.30	0.40	-	0.34
835	-	-	-	0.20	0.20	-	-	4.90	4.90	0.40	-	0.39
630	-	-	-	0.22	0.22	-	-	4.90	4.90	0.40	-	0.43
5207	0.21	-	-	-	0.21	2.00	-	-	2.00	0.40	-	0.17
5254	0.21	-	-	-	0.21	1.80	-	-	1.80	0.40	-	0.15
5275	0.17	-	-	-	0.17	2.00	-	-	2.00	0.40	-	0.14
5256	0.05	-	-	-	0.05	2.80	-	-	2.80	0.40	-	0.06
404	-	-	-	2.90	2.90	-	-	4.90	4.90	0.40	-	5.68
406	-	-	-	0.70	0.70	-	-	4.90	4.90	0.40	-	1.38
1755	-	-	-	0.83	0.83	-	-	4.90	4.90	0.40	-	1.62
405	-	-	-	0.14	0.14	-	-	4.90	4.90	0.40	-	0.28
424	-	-	-	6.06	6.06	-	-	4.90	4.90	0.40	-	11.88
422	-	-	-	2.08	2.08	-	-	4.90	4.90	0.40	-	4.08
417	-	-	-	1.01	1.01	-	-	4.90	4.90	0.40	-	1.97
423	-	-	-	0.59	0.59	-	-	4.90	4.90	0.40	-	1.15
421	-	-	-	1.09	1.09	-	-	4.90	4.90	0.40	-	2.14
420	-	-	-	1.24	1.24	-	-	4.90	4.90	0.40	-	2.44
416	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.95
414	-	-	-	0.25	0.25	-	-	4.90	4.90	0.40	-	0.48

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres				Adjusted Maximum Area	Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume			
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>		US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>5</sup>		Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
								4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>5</sup>					
418	-	-	-	0.06	0.06	-	-	4.90	4.90	0.40	-	0.11	
1174	-	14.66	-	-	14.66	-	-	4.90	4.90	0.40	-	28.73	
1178	-	-	-	4.96	4.96	-	-	4.90	4.90	0.40	-	9.72	
1181	-	-	-	1.81	1.81	-	-	4.90	4.90	0.40	-	3.54	
1186	-	-	-	2.63	2.63	-	-	4.90	4.90	0.40	-	5.16	
1183	-	-	-	2.36	2.36	-	-	4.90	4.90	0.40	-	4.62	
1185	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.93	
1175	-	-	-	0.60	0.60	-	-	4.90	4.90	0.40	-	1.17	
1180	-	-	-	1.27	1.27	-	-	4.90	4.90	0.40	-	2.50	
1179	-	-	-	0.50	0.50	-	-	4.90	4.90	0.40	-	0.99	
1419	-	-	-	0.61	0.61	-	-	4.90	4.90	0.40	-	1.19	
1127	-	-	-	0.28	0.28	-	-	4.90	4.90	0.40	-	0.54	
1615	-	-	-	6.94	6.94	-	-	4.90	4.90	0.40	-	13.59	
1621	-	-	-	5.12	5.12	-	-	4.90	4.90	0.40	-	10.04	
1640	-	-	-	1.99	1.99	-	-	4.90	4.90	0.40	-	3.89	
1639	-	-	-	2.06	2.06	-	-	4.90	4.90	0.40	-	4.04	
1643	-	-	-	3.45	3.45	-	-	4.90	4.90	0.40	-	6.76	
1642	-	-	-	3.10	3.10	-	-	4.90	4.90	0.40	-	6.07	
1644	-	-	-	3.72	3.72	-	-	4.90	4.90	0.40	-	7.30	
1620	-	-	-	0.81	0.81	-	-	4.90	4.90	0.40	-	1.58	
1641	-	-	-	0.88	0.88	-	-	4.90	4.90	0.40	-	1.73	
1619	-	-	-	1.03	1.03	-	-	4.90	4.90	0.40	-	2.01	
5079	0.43	-	-	-	0.43	3.40	-	-	3.40	0.40	-	0.58	
1653	-	-	-	0.34	0.34	-	-	4.90	4.90	0.40	-	0.67	
1649	-	-	-	0.21	0.21	-	-	4.90	4.90	0.40	-	0.41	
1652	-	-	-	0.06	0.06	-	-	4.90	4.90	0.40	-	0.11	
207	-	-	-	6.23	6.23	-	-	4.90	4.90	0.40	-	12.21	
195	-	-	-	4.60	4.60	-	-	4.90	4.90	0.40	-	9.01	
194	-	-	-	0.86	0.86	-	-	4.90	4.90	0.40	-	1.68	
143	-	-	-	0.74	0.74	-	-	4.90	4.90	0.40	-	1.45	
196	-	-	-	1.37	1.37	-	-	4.90	4.90	0.40	-	2.68	
193	-	-	-	0.33	0.33	-	-	4.90	4.90	0.40	-	0.65	
328	-	-	-	7.07	7.07	-	-	4.90	4.90	0.40	-	13.85	
1161	-	9.48	-	-	9.48	-	-	4.90	4.90	0.40	-	18.58	
1138	-	-	-	1.33	1.33	-	-	4.90	4.90	0.40	-	2.61	
1157	-	-	-	1.33	1.33	-	-	4.90	4.90	0.40	-	2.61	
1137	-	-	-	1.58	1.58	-	-	4.90	4.90	0.40	-	3.09	
1417	-	-	-	0.74	0.74	-	-	4.90	4.90	0.40	-	1.45	
1140	-	-	-	0.99	0.99	-	-	4.90	4.90	0.40	-	1.94	
1142	-	-	-	0.43	0.43	-	-	4.90	4.90	0.40	-	0.84	
174	-	-	-	0.44	0.44	-	-	4.90	4.90	0.40	-	0.86	
1136	-	-	-	0.43	0.43	-	-	4.90	4.90	0.40	-	0.84	
1218	-	-	-	1.54	1.54	-	-	4.90	4.90	0.40	-	3.02	
1235	-	-	-	1.29	1.29	-	-	4.90	4.90	0.40	-	2.53	
1201	-	-	-	1.79	1.79	-	-	4.90	4.90	0.40	-	3.50	
1221	-	-	-	1.14	1.14	-	-	4.90	4.90	0.40	-	2.23	
1637	-	-	-	1.68	1.68	-	-	4.90	4.90	0.40	-	3.30	
1638	-	-	-	0.86	0.86	-	-	4.90	4.90	0.40	-	1.69	
1675	-	-	-	3.14	3.14	-	-	4.90	4.90	0.40	-	6.16	
1015	-	-	-	1.68	1.68	-	-	4.90	4.90	0.40	-	3.30	
890	-	-	-	1.02	1.02	-	-	4.90	4.90	0.40	-	1.99	
1017	-	-	-	0.78	0.78	-	-	4.90	4.90	0.40	-	1.53	
979	-	-	-	0.83	0.83	-	-	4.90	4.90	0.40	-	1.62	
1678	-	-	-	0.49	0.49	-	-	4.90	4.90	0.40	-	0.97	
5156	0.37	-	-	-	0.37	3.20	-	-	3.20	0.40	-	0.47	
558	-	-	-	1.45	1.45	-	-	4.90	4.90	0.40	-	2.85	
578	-	-	-	3.35	3.35	-	-	4.90	4.90	0.40	-	6.57	
551	-	-	-	1.76	1.76	-	-	4.90	4.90	0.40	-	3.44	
560	-	-	-	1.18	1.18	-	-	4.90	4.90	0.40	-	2.31	
550	-	-	-	1.01	1.01	-	-	4.90	4.90	0.40	-	1.97	
549	-	-	-	1.53	1.53	-	-	4.90	4.90	0.40	-	3.00	
556	-	-	-	1.06	1.06	-	-	4.90	4.90	0.40	-	2.09	
548	-	-	-	1.02	1.02	-	-	4.90	4.90	0.40	-	1.99	
552	-	-	-	0.15	0.15	-	-	4.90	4.90	0.40	-	0.30	
579	-	-	-	0.12	0.12	-	-	4.90	4.90	0.40	-	0.24	
577	-	-	-	0.16	0.16	-	-	4.90	4.90	0.40	-	0.32	
5088	40.52	-	-	-	40.52	2.60	-	-	2.60	0.40	-	42.14	
5092	9.22	-	-	-	9.22	11.02	-	-	11.02	0.40	-	40.64	
1249	-	-	-	7.44	7.44	-	-	4.90	4.90	0.40	-	14.58	
5081	5.32	-	-	-	5.32	10.10	-	-	10.10	0.40	-	21.49	
1125	-	-	-	2.02	2.02	-	-	4.90	4.90	0.40	-	3.97	
5085	2.21	-	-	-	2.21	5.48	-	-	5.48	0.40	-	4.84	

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
	1116	-	-	-	1.65	1.65	-	-	4.90	4.90	0.40	-
5084	2.56	-	-	-	2.56	4.00	-	-	4.00	0.40	-	4.10
5078	3.70	-	-	-	3.70	1.90	-	-	1.90	0.40	-	2.81
1112	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.05
1103	-	-	-	0.69	0.69	-	-	4.90	4.90	0.40	-	1.36
5083	1.70	-	-	-	1.70	3.25	-	-	3.25	0.40	-	2.21
1105	-	-	-	0.76	0.76	-	-	4.90	4.90	0.40	-	1.49
1107	-	-	-	0.99	0.99	-	-	4.90	4.90	0.40	-	1.94
1121	-	-	-	1.02	1.02	-	-	4.90	4.90	0.40	-	1.99
1109	-	-	-	0.89	0.89	-	-	4.90	4.90	0.40	-	1.75
5082	0.45	-	-	-	0.45	5.80	-	-	5.80	0.40	-	1.04
1120	-	-	-	0.41	0.41	-	-	4.90	4.90	0.40	-	0.80
1100	-	-	-	0.49	0.49	-	-	4.90	4.90	0.40	-	0.97
1119	-	-	-	0.82	0.82	-	-	4.90	4.90	0.40	-	1.60
1102	-	-	-	0.21	0.21	-	-	4.90	4.90	0.40	-	0.41
1098	-	-	-	0.13	0.13	-	-	4.90	4.90	0.40	-	0.26
519	-	-	-	5.30	5.30	-	-	4.90	4.90	0.40	-	10.39
555	-	-	-	1.75	1.75	-	-	4.90	4.90	0.40	-	3.43
574	-	-	-	3.35	3.35	-	-	4.90	4.90	0.40	-	6.57
544	-	-	-	2.99	2.99	-	-	4.90	4.90	0.40	-	5.87
573	-	-	-	1.04	1.04	-	-	4.90	4.90	0.40	-	2.03
1423	-	-	-	0.82	0.82	-	-	4.90	4.90	0.40	-	1.60
554	-	-	-	1.01	1.01	-	-	4.90	4.90	0.40	-	1.97
546	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.30
545	-	-	-	0.92	0.92	-	-	4.90	4.90	0.40	-	1.81
516	-	-	-	0.39	0.39	-	-	4.90	4.90	0.40	-	0.76
1803	-	-	-	0.73	0.73	-	-	4.90	4.90	0.40	-	1.43
517	-	-	-	0.12	0.12	-	-	4.90	4.90	0.40	-	0.24
1039	-	-	-	0.33	0.33	-	-	4.90	4.90	0.40	-	0.65
188	-	0.96	-	-	0.96	-	-	4.90	4.90	0.40	-	1.88
187	-	7.67	-	-	7.67	-	-	4.90	4.90	0.40	-	15.03
142	-	4.75	-	-	4.75	-	-	4.90	4.90	0.40	-	9.31
190	-	3.26	-	-	3.26	-	-	4.90	4.90	0.40	-	6.39
138	-	-	-	0.74	0.74	-	-	4.90	4.90	0.40	-	1.45
827	-	-	-	2.02	2.02	-	-	4.90	4.90	0.40	-	3.97
1418	-	-	-	5.33	5.33	-	-	4.90	4.90	0.40	-	10.45
1400	-	-	-	0.88	0.88	-	-	4.90	4.90	0.40	-	1.73
170	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.32
171	-	-	-	1.17	1.17	-	-	4.90	4.90	0.40	-	2.29
180	-	-	-	0.91	0.91	-	-	4.90	4.90	0.40	-	1.79
329	-	-	-	0.69	0.69	-	-	4.90	4.90	0.40	-	1.36
169	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.32
168	-	-	-	1.02	1.02	-	-	4.90	4.90	0.40	-	1.99
176	-	-	-	1.86	1.86	-	-	4.90	4.90	0.40	-	3.65
183	-	-	-	1.32	1.32	-	-	4.90	4.90	0.40	-	2.59
177	-	-	-	0.55	0.55	-	-	4.90	4.90	0.40	-	1.08
182	-	-	-	0.41	0.41	-	-	4.90	4.90	0.40	-	0.80
172	-	-	-	0.54	0.54	-	-	4.90	4.90	0.40	-	1.06
189	-	-	-	0.33	0.33	-	-	4.90	4.90	0.40	-	0.65
181	-	-	-	0.31	0.31	-	-	4.90	4.90	0.40	-	0.61
316	-	-	-	0.09	0.09	-	-	4.90	4.90	0.40	-	0.17
1525	-	-	-	1.48	1.48	-	-	4.90	4.90	0.40	-	2.90
634	-	-	-	0.25	0.25	-	-	4.90	4.90	0.40	-	0.48
5369	0.33	-	-	-	0.33	7.20	-	-	7.20	0.40	-	0.95
980	-	-	-	7.26	7.26	-	-	4.90	4.90	0.40	-	14.23
984	-	-	-	1.36	1.36	-	-	4.90	4.90	0.40	-	2.66
987	-	-	-	1.36	1.36	-	-	4.90	4.90	0.40	-	2.66
1534	-	-	-	1.29	1.29	-	-	4.90	4.90	0.40	-	2.53
5057	1.59	-	-	-	1.59	3.30	-	-	3.30	0.40	-	2.10
982	-	-	-	0.81	0.81	-	-	4.90	4.90	0.40	-	1.58
934	-	-	-	0.38	0.38	-	-	4.90	4.90	0.40	-	0.74
983	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.93
971	-	-	-	2.74	2.74	-	-	4.90	4.90	0.40	-	5.36
970	-	-	-	1.44	1.44	-	-	4.90	4.90	0.40	-	2.83
972	-	-	-	0.28	0.28	-	-	4.90	4.90	0.40	-	0.54
974	-	-	-	0.21	0.21	-	-	4.90	4.90	0.40	-	0.41
973	-	-	-	0.09	0.09	-	-	4.90	4.90	0.40	-	0.17
425	-	-	-	5.12	5.12	-	-	4.90	4.90	0.40	-	10.04
5392	4.23	-	-	-	4.23	2.00	-	-	2.00	0.40	-	3.38
824	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.05
635	-	-	-	0.69	0.69	-	-	4.90	4.90	0.40	-	1.36
5355	0.24	-	-	-	0.24	6.00	-	-	6.00	0.40	-	0.58

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres				Adjusted Maximum Area	Adjusted Maximum Depth in Feet			Adjusted Maximum Depth	Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo- Interpreted <sup>2</sup>	BIA Area- Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>		US Survey Field Measured <sup>1</sup>	BIA Area- Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/OC <sup>5</sup>		Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area- Capacity Table Data (acre-feet) <sup>7</sup>	Adjusted Maximum Volume (acre-feet) <sup>8</sup>
5317	0.29	-	-	-	0.29	-	-	-	-	-	-	-
5331	0.07	-	-	-	0.07	4.30	-	-	4.30	0.40	-	0.50
247	-	35.21	-	-	35.21	5.20	-	-	5.20	0.40	-	0.15
263	-	0.47	-	-	0.47	-	-	4.90	4.90	0.40	-	69.01
245	-	-	-	1.67	1.67	-	-	4.90	4.90	0.40	-	0.92
5109	1.38	-	-	-	1.38	-	-	4.90	4.90	0.40	-	3.28
264	-	-	-	2.90	2.90	8.60	-	-	8.60	0.40	-	4.75
269	-	-	-	1.67	1.67	-	-	4.90	4.90	0.40	-	5.68
265	-	-	-	1.95	1.95	-	-	4.90	4.90	0.40	-	3.28
243	-	-	-	0.41	0.41	-	-	4.90	4.90	0.40	-	3.82
5125	0.48	-	-	-	0.48	-	-	4.90	4.90	0.40	-	0.80
226	-	53.62	-	-	53.62	3.80	-	-	3.80	0.40	-	0.73
228	-	34.75	-	-	34.75	-	-	4.90	4.90	0.40	-	105.10
227	-	8.24	-	-	8.24	-	-	4.90	4.90	0.40	-	68.11
287	-	-	-	7.47	7.47	-	-	4.90	4.90	0.40	-	16.15
192	-	0.00	-	-	0.00	-	-	4.90	4.90	0.40	-	14.64
225	-	-	-	7.56	7.56	-	-	4.90	4.90	0.40	-	0.00
267	-	-	-	2.77	2.77	-	-	4.90	4.90	0.40	-	14.82
5055	0.80	-	-	-	0.80	-	-	4.90	4.90	0.40	-	5.44
184	-	-	-	0.84	0.84	13.60	-	-	13.60	0.40	-	4.35
191	-	-	-	0.56	0.56	-	-	4.90	4.90	0.40	-	1.64
1421	-	-	-	1.57	1.57	-	-	4.90	4.90	0.40	-	1.10
268	-	-	-	0.24	0.24	-	-	4.90	4.90	0.40	-	3.07
217	-	-	-	4.74	4.74	-	-	4.90	4.90	0.40	-	0.47
200	-	-	-	0.95	0.95	-	-	4.90	4.90	0.40	-	9.29
201	-	-	-	0.33	0.33	-	-	4.90	4.90	0.40	-	1.86
1754	-	-	-	0.16	0.16	-	-	4.90	4.90	0.40	-	0.65
561	-	-	-	5.17	5.17	-	-	4.90	4.90	0.40	-	0.32
967	-	-	-	6.12	6.12	-	-	4.90	4.90	0.40	-	10.13
562	-	-	-	4.25	4.25	-	-	4.90	4.90	0.40	-	11.99
828	-	-	-	0.90	0.90	-	-	4.90	4.90	0.40	-	8.32
1718	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.77
1556	-	-	-	2.35	2.35	-	-	4.90	4.90	0.40	-	1.30
581	-	-	-	0.57	0.57	-	-	4.90	4.90	0.40	-	4.60
518	-	-	-	0.77	0.77	-	-	4.90	4.90	0.40	-	1.12
582	-	-	-	0.86	0.86	-	-	4.90	4.90	0.40	-	1.51
547	-	-	-	0.85	0.85	-	-	4.90	4.90	0.40	-	1.68
1719	-	-	-	0.69	0.69	-	-	4.90	4.90	0.40	-	1.66
5370	1.09	-	-	-	1.09	-	-	4.90	4.90	0.40	-	1.36
5365	3.71	-	-	-	3.71	7.90	-	-	7.90	0.40	-	3.44
1489	-	-	-	1.23	1.23	1.80	-	-	1.80	0.40	-	2.67
5372	0.66	-	-	-	0.66	-	-	4.90	4.90	0.40	-	2.40
5371	0.41	-	-	-	0.41	4.70	-	-	4.70	0.40	-	1.24
5363	1.09	-	-	-	1.09	6.10	-	-	6.10	0.40	-	1.00
5364	0.35	-	-	-	0.35	1.20	-	-	1.20	0.40	-	0.52
1763	-	-	-	0.10	0.10	3.60	-	-	3.60	0.40	-	0.50
1674	-	-	-	1.95	1.95	-	-	4.90	4.90	0.40	-	0.20
862	-	13.23	-	-	13.23	-	-	4.90	4.90	0.40	-	3.82
1054	-	7.65	-	-	7.65	-	-	4.90	4.90	0.40	-	25.93
861	-	-	-	0.76	0.76	-	-	4.90	4.90	0.40	-	14.99
957	-	-	-	0.50	0.50	-	-	4.90	4.90	0.40	-	1.49
949	-	-	-	0.96	0.96	-	-	4.90	4.90	0.40	-	0.99
948	-	-	-	0.25	0.25	-	-	4.90	4.90	0.40	-	1.88
956	-	-	-	0.33	0.33	-	-	4.90	4.90	0.40	-	0.48
863	-	-	-	0.22	0.22	-	-	4.90	4.90	0.40	-	0.65
35	-	-	-	6.75	6.75	-	-	4.90	4.90	0.40	-	0.43
855	-	-	-	3.74	3.74	-	-	4.90	4.90	0.40	-	13.24
869	-	-	-	1.29	1.29	-	-	4.90	4.90	0.40	-	7.34
856	-	-	-	2.12	2.12	-	-	4.90	4.90	0.40	-	2.53
853	-	-	-	1.97	1.97	-	-	4.90	4.90	0.40	-	4.15
860	-	-	-	1.43	1.43	-	-	4.90	4.90	0.40	-	3.85
858	-	-	-	1.49	1.49	-	-	4.90	4.90	0.40	-	2.81
859	-	-	-	1.29	1.29	-	-	4.90	4.90	0.40	-	2.92
854	-	-	-	0.75	0.75	-	-	4.90	4.90	0.40	-	2.53
5215	0.48	-	-	-	0.48	-	-	4.90	4.90	0.40	-	1.47
870	-	-	-	0.51	0.51	6.70	-	-	6.70	0.40	-	1.29
837	-	-	-	0.27	0.27	-	-	4.90	4.90	0.40	-	1.01
857	-	-	-	1.25	1.25	-	-	4.90	4.90	0.40	-	0.52
849	-	-	-	0.14	0.14	-	-	4.90	4.90	0.40	-	2.46
887	-	18.79	-	-	18.79	-	-	4.90	4.90	0.40	-	0.28
1051	-	-	-	4.15	4.15	-	-	4.90	4.90	0.40	-	36.83
879	-	-	-	4.28	4.28	-	-	4.90	4.90	0.40	-	8.14

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo- Interpreted <sup>2</sup>	BIA Area- Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area- Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area- Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
	888	-	-	-	3.19	3.19	-	-	4.90	4.90	0.40	-
880	-	-	-	2.47	2.47	-	-	4.90	4.90	0.40	-	4.84
1053	-	-	-	1.33	1.33	-	-	4.90	4.90	0.40	-	2.61
882	-	-	-	1.43	1.43	-	-	4.90	4.90	0.40	-	2.81
1397	-	-	-	0.45	0.45	-	-	4.90	4.90	0.40	-	0.88
883	-	-	-	0.14	0.14	-	-	4.90	4.90	0.40	-	0.28
704	-	-	-	5.57	5.57	-	-	4.90	4.90	0.40	-	10.91
807	-	-	-	1.90	1.90	-	-	4.90	4.90	0.40	-	3.72
5345	1.32	-	-	-	1.32	8.00	-	-	8.00	0.40	-	4.22
708	-	-	-	1.11	1.11	-	-	4.90	4.90	0.40	-	2.18
804	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.05
694	-	-	-	0.78	0.78	-	-	4.90	4.90	0.40	-	1.53
5290	0.41	-	-	-	0.41	5.20	-	-	5.20	0.40	-	0.85
5308	0.38	-	-	-	0.38	4.80	-	-	4.80	0.40	-	0.73
805	-	-	-	0.69	0.69	-	-	4.90	4.90	0.40	-	1.36
1487	-	-	-	0.29	0.29	-	-	4.90	4.90	0.40	-	0.58
707	-	-	-	0.26	0.26	-	-	4.90	4.90	0.40	-	0.50
5310	0.30	-	-	-	0.30	2.90	-	-	2.90	0.40	-	0.35
5284	0.42	-	-	-	0.42	2.00	-	-	2.00	0.40	-	0.34
5315	0.31	-	-	-	0.31	1.70	-	-	1.70	0.40	-	0.21
699	-	-	-	0.17	0.17	-	-	4.90	4.90	0.40	-	0.34
5313	0.11	-	-	-	0.11	4.00	-	-	4.00	0.40	-	0.18
1424	-	-	-	0.07	0.07	-	-	4.90	4.90	0.40	-	0.13
876	-	7.03	-	-	7.03	-	-	4.90	4.90	0.40	-	13.78
877	-	2.05	-	-	2.05	-	-	4.90	4.90	0.40	-	4.02
893	-	-	-	6.59	6.59	-	-	4.90	4.90	0.40	-	12.92
891	-	-	-	1.12	1.12	-	-	4.90	4.90	0.40	-	2.20
894	-	-	-	2.30	2.30	-	-	4.90	4.90	0.40	-	4.51
875	-	-	-	1.71	1.71	-	-	4.90	4.90	0.40	-	3.35
892	-	-	-	0.89	0.89	-	-	4.90	4.90	0.40	-	1.75
1047	-	-	-	1.94	1.94	-	-	4.90	4.90	0.40	-	3.80
874	-	-	-	1.10	1.10	-	-	4.90	4.90	0.40	-	2.16
878	-	-	-	1.00	1.00	-	-	4.90	4.90	0.40	-	1.96
885	-	-	-	0.43	0.43	-	-	4.90	4.90	0.40	-	0.84
884	-	-	-	0.23	0.23	-	-	4.90	4.90	0.40	-	0.45
1398	-	-	-	0.16	0.16	-	-	4.90	4.90	0.40	-	0.32
503	-	1.46	-	-	1.46	-	-	4.90	4.90	0.40	-	2.86
499	-	-	-	1.72	1.72	-	-	4.90	4.90	0.40	-	3.37
955	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.05
680	-	-	-	1.38	1.38	-	-	4.90	4.90	0.40	-	2.70
5043	0.69	-	-	-	0.69	4.60	-	-	4.60	0.40	-	1.27
501	-	-	-	0.70	0.70	-	-	4.90	4.90	0.40	-	1.38
1715	-	-	-	0.63	0.63	-	-	4.90	4.90	0.40	-	1.23
500	-	-	-	0.64	0.64	-	-	4.90	4.90	0.40	-	1.25
681	-	-	-	0.16	0.16	-	-	4.90	4.90	0.40	-	0.32
5037	0.10	-	-	-	0.10	6.10	-	-	6.10	0.40	-	0.24
644	-	-	-	0.29	0.29	-	-	4.90	4.90	0.40	-	0.58
5036	0.18	-	-	-	0.18	1.90	-	-	1.90	0.40	-	0.14
5040	0.13	-	-	-	0.13	1.30	-	-	1.30	0.40	-	0.07
5375	6.53	-	-	-	6.53	11.90	-	-	11.90	0.40	-	31.08
5390	6.98	-	-	-	6.98	7.10	-	-	7.10	0.40	-	19.82
625	-	-	-	2.75	2.75	-	-	4.90	4.90	0.40	-	5.38
624	-	-	-	1.31	1.31	-	-	4.90	4.90	0.40	-	2.57
5379	0.15	-	-	-	0.15	2.40	-	-	2.40	0.40	-	0.14
695	-	-	-	2.98	2.98	-	-	4.90	4.90	0.40	-	5.85
691	-	-	-	3.71	3.71	-	-	4.90	4.90	0.40	-	7.28
690	-	-	-	1.32	1.32	-	-	4.90	4.90	0.40	-	2.59
692	-	-	-	0.14	0.14	-	-	4.90	4.90	0.40	-	0.28
1769	-	-	-	2.61	2.61	-	-	4.90	4.90	0.40	-	5.12
5309	0.63	-	-	-	0.63	10.50	-	-	10.50	0.40	-	2.65
5320	1.38	-	-	-	1.38	3.90	-	-	3.90	0.40	-	2.15
5306	0.91	-	-	-	0.91	4.40	-	-	4.40	0.40	-	1.60
5324	1.19	-	-	-	1.19	2.80	-	-	2.80	0.40	-	1.33
5323	1.00	-	-	-	1.00	2.30	-	-	2.30	0.40	-	0.92
5325	0.30	-	-	-	0.30	1.60	-	-	1.60	0.40	-	0.19
17	-	376.06	-	-	376.06	-	-	4.90	4.90	0.40	-	737.08
5033	18.44	-	-	-	18.44	8.20	-	-	8.20	0.40	-	60.48
646	-	-	-	6.55	6.55	-	-	4.90	4.90	0.40	-	12.83
1714	-	-	-	3.69	3.69	-	-	4.90	4.90	0.40	-	7.22
1711	-	-	-	4.66	4.66	-	-	4.90	4.90	0.40	-	9.14
5041	1.11	-	-	-	1.11	9.90	-	-	9.90	0.40	-	4.40
5067	0.82	-	-	-	0.82	12.10	-	-	12.10	0.40	-	3.97

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area In Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/OC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
	665	-	-	-	0.81	0.81	-	-	4.90	4.90	0.40	-
5038	0.85	-	-	-	0.85	6.40	-	-	6.40	0.40	-	2.18
479	-	-	-	2.69	2.69	-	-	4.90	4.90	0.40	-	5.27
652	-	-	-	1.10	1.10	-	-	4.90	4.90	0.40	-	2.16
1728	-	-	-	3.13	3.13	-	-	4.90	4.90	0.40	-	6.13
662	-	-	-	0.85	0.85	-	-	4.90	4.90	0.40	-	1.66
1730	-	-	-	0.55	0.55	-	-	4.90	4.90	0.40	-	1.08
5066	0.58	-	-	-	0.58	2.20	-	-	2.20	0.40	-	0.51
651	-	-	-	0.76	0.76	-	-	4.90	4.90	0.40	-	1.49
673	-	-	-	0.56	0.56	-	-	4.90	4.90	0.40	-	1.10
1710	-	-	-	0.64	0.64	-	-	4.90	4.90	0.40	-	1.25
5035	0.73	-	-	-	0.73	1.20	-	-	1.20	0.40	-	0.35
672	-	-	-	0.50	0.50	-	-	4.90	4.90	0.40	-	0.99
5042	0.40	-	-	-	0.40	2.10	-	-	2.10	0.40	-	0.34
5044	0.27	-	-	-	0.27	2.90	-	-	2.90	0.40	-	0.31
1716	-	-	-	0.32	0.32	-	-	4.90	4.90	0.40	-	0.63
5068	0.27	-	-	-	0.27	2.30	-	-	2.30	0.40	-	0.25
1712	-	-	-	0.38	0.38	-	-	4.90	4.90	0.40	-	0.74
33	-	1.19	-	-	1.19	-	-	4.90	4.90	0.40	-	2.33
1396	-	30.22	-	-	30.22	-	-	4.90	4.90	0.40	-	59.23
960	-	-	-	1.01	1.01	-	-	4.90	4.90	0.40	-	1.97
1717	-	-	-	0.38	0.38	-	-	4.90	4.90	0.40	-	0.74
295	-	2.03	-	-	2.03	-	-	4.90	4.90	0.40	-	3.98
1393	-	-	-	1.78	1.78	-	-	4.90	4.90	0.40	-	3.48
5201	0.77	-	-	-	0.77	4.50	-	-	4.50	0.40	-	1.39
1346	-	-	-	1.36	1.36	-	-	4.90	4.90	0.40	-	2.66
5208	1.91	-	-	-	1.91	1.70	-	-	1.70	0.40	-	1.30
294	-	-	-	0.89	0.89	-	-	4.90	4.90	0.40	-	1.75
1356	-	-	-	0.57	0.57	-	-	4.90	4.90	0.40	-	1.12
5200	0.65	-	-	-	0.65	2.40	-	-	2.40	0.40	-	0.62
5251	0.36	-	-	-	0.36	2.60	-	-	2.60	0.40	-	0.37
5228	0.31	-	-	-	0.31	2.70	-	-	2.70	0.40	-	0.33
5234	0.24	-	-	-	0.24	2.10	-	-	2.10	0.40	-	0.20
1622	-	-	-	2.73	2.73	-	-	4.90	4.90	0.40	-	5.34
1011	-	-	-	4.23	4.23	-	-	4.90	4.90	0.40	-	8.29
1654	-	-	-	1.46	1.46	-	-	4.90	4.90	0.40	-	2.87
1013	-	-	-	1.16	1.16	-	-	4.90	4.90	0.40	-	2.27
1010	-	-	-	2.26	2.26	-	-	4.90	4.90	0.40	-	4.43
1614	-	-	-	0.90	0.90	-	-	4.90	4.90	0.40	-	1.77
1623	-	-	-	1.42	1.42	-	-	4.90	4.90	0.40	-	2.77
1613	-	-	-	0.72	0.72	-	-	4.90	4.90	0.40	-	1.42
1616	-	-	-	0.45	0.45	-	-	4.90	4.90	0.40	-	0.88
1624	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.30
1618	-	-	-	0.25	0.25	-	-	4.90	4.90	0.40	-	0.48
1021	-	-	-	0.13	0.13	-	-	4.90	4.90	0.40	-	0.26
1617	-	-	-	0.27	0.27	-	-	4.90	4.90	0.40	-	0.52
1019	-	-	-	0.22	0.22	-	-	4.90	4.90	0.40	-	0.43
998	-	-	-	0.09	0.09	-	-	4.90	4.90	0.40	-	0.17
999	-	-	-	0.08	0.08	-	-	4.90	4.90	0.40	-	0.15
1012	-	2.40	-	-	2.40	-	-	4.90	4.90	0.40	-	4.70
1006	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.05
1005	-	-	-	0.94	0.94	-	-	4.90	4.90	0.40	-	1.84
1004	-	-	-	0.88	0.88	-	-	4.90	4.90	0.40	-	1.73
1003	-	-	-	1.04	1.04	-	-	4.90	4.90	0.40	-	2.03
1009	-	-	-	0.40	0.40	-	-	4.90	4.90	0.40	-	0.78
1001	-	-	-	0.22	0.22	-	-	4.90	4.90	0.40	-	0.43
1018	-	-	-	0.25	0.25	-	-	4.90	4.90	0.40	-	0.48
1002	-	-	-	0.42	0.42	-	-	4.90	4.90	0.40	-	0.82
1049	-	-	-	1.78	1.78	-	-	4.90	4.90	0.40	-	3.48
996	-	-	-	0.99	0.99	-	-	4.90	4.90	0.40	-	1.94
491	-	1.32	-	-	1.32	-	-	4.90	4.90	0.40	-	2.59
488	-	-	-	6.59	6.59	-	-	4.90	4.90	0.40	-	12.92
450	-	-	-	5.10	5.10	-	-	4.90	4.90	0.40	-	10.00
485	-	-	-	3.62	3.62	-	-	4.90	4.90	0.40	-	7.09
1741	-	19.70	-	-	19.70	-	-	4.90	4.90	0.40	-	38.61
473	-	-	-	2.35	2.35	-	-	4.90	4.90	0.40	-	4.60
1444	-	-	-	3.29	3.29	-	-	4.90	4.90	0.40	-	6.44
1733	-	-	-	1.30	1.30	-	-	4.90	4.90	0.40	-	2.55
1463	-	-	-	2.63	2.63	-	-	4.90	4.90	0.40	-	5.16
1446	-	-	-	2.47	2.47	-	-	4.90	4.90	0.40	-	4.84
1461	-	-	-	2.25	2.25	-	-	4.90	4.90	0.40	-	4.41
1462	-	-	-	2.88	2.88	-	-	4.90	4.90	0.40	-	5.64

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet					Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>	
490	-	-	-	0.91	0.91	-	-	4.90	4.90	0.40	-	1.79	
482	-	-	-	1.14	1.14	-	-	4.90	4.90	0.40	-	2.23	
1735	-	-	-	3.03	3.03	-	-	4.90	4.90	0.40	-	5.94	
1454	-	-	-	2.38	2.38	-	-	4.90	4.90	0.40	-	4.66	
1814	-	-	-	1.96	1.96	-	-	4.90	4.90	0.40	-	3.84	
451	-	-	-	0.72	0.72	-	-	4.90	4.90	0.40	-	1.42	
5026	0.51	-	-	-	0.51	7.80	-	-	7.80	0.40	-	1.59	
474	-	-	-	0.75	0.75	-	-	4.90	4.90	0.40	-	1.47	
5031	0.79	-	-	-	0.79	3.80	-	-	3.80	0.40	-	1.20	
5020	0.89	-	-	-	0.89	3.20	-	-	3.20	0.40	-	1.14	
449	-	-	-	0.55	0.55	-	-	4.90	4.90	0.40	-	1.08	
1445	-	-	-	0.78	0.78	-	-	4.90	4.90	0.40	-	1.53	
5018	0.21	-	-	-	0.21	6.90	-	-	6.90	0.40	-	0.58	
1734	-	-	-	0.40	0.40	-	-	4.90	4.90	0.40	-	0.78	
1732	-	-	-	0.44	0.44	-	-	4.90	4.90	0.40	-	0.86	
1322	-	-	-	6.40	6.40	-	-	4.90	4.90	0.40	-	12.55	
1084	-	-	-	1.61	1.61	-	-	4.90	4.90	0.40	-	3.15	
1314	-	-	-	3.43	3.43	-	-	4.90	4.90	0.40	-	6.72	
1319	-	-	-	1.34	1.34	-	-	4.90	4.90	0.40	-	2.63	
1080	-	-	-	1.37	1.37	-	-	4.90	4.90	0.40	-	2.68	
1082	-	-	-	1.31	1.31	-	-	4.90	4.90	0.40	-	2.57	
1317	-	-	-	1.40	1.40	-	-	4.90	4.90	0.40	-	2.74	
5298	0.16	-	-	-	0.16	5.30	-	-	5.30	0.40	-	0.34	
740	-	0.67	-	-	0.67	-	-	4.90	4.90	0.40	-	1.31	
738	-	-	-	2.78	2.78	-	-	4.90	4.90	0.40	-	5.46	
826	-	-	-	5.43	5.43	-	-	4.90	4.90	0.40	-	10.65	
612	-	-	-	6.05	6.05	-	-	4.90	4.90	0.40	-	11.86	
737	-	-	-	4.08	4.08	-	-	4.90	4.90	0.40	-	7.99	
5246	1.88	-	-	-	1.88	11.20	-	-	11.20	0.40	-	8.42	
743	-	-	-	2.67	2.67	-	-	4.90	4.90	0.40	-	5.23	
759	-	-	-	1.79	1.79	-	-	4.90	4.90	0.40	-	3.50	
761	-	-	-	1.43	1.43	-	-	4.90	4.90	0.40	-	2.79	
5202	3.99	-	-	-	3.99	4.60	-	-	4.60	0.40	-	7.34	
729	-	-	-	1.68	1.68	-	-	4.90	4.90	0.40	-	3.30	
771	-	-	-	3.44	3.44	-	-	4.90	4.90	0.40	-	6.74	
756	-	-	-	1.43	1.43	-	-	4.90	4.90	0.40	-	2.79	
726	-	-	-	1.68	1.68	-	-	4.90	4.90	0.40	-	3.30	
709	-	-	-	0.85	0.85	-	-	4.90	4.90	0.40	-	1.66	
5264	6.00	-	-	-	6.00	2.00	-	-	2.00	0.40	-	4.80	
5265	1.52	-	-	-	1.52	7.90	-	-	7.90	0.40	-	4.80	
750	-	-	-	0.97	0.97	-	-	4.90	4.90	0.40	-	1.90	
727	-	-	-	1.53	1.53	-	-	4.90	4.90	0.40	-	3.00	
736	-	-	-	1.43	1.43	-	-	4.90	4.90	0.40	-	2.79	
720	-	-	-	1.08	1.08	-	-	4.90	4.90	0.40	-	2.12	
718	-	-	-	0.68	0.68	-	-	4.90	4.90	0.40	-	1.34	
5239	1.52	-	-	-	1.52	7.00	-	-	7.00	0.40	-	4.26	
717	-	-	-	1.27	1.27	-	-	4.90	4.90	0.40	-	2.50	
751	-	-	-	1.24	1.24	-	-	4.90	4.90	0.40	-	2.44	
712	-	-	-	1.11	1.11	-	-	4.90	4.90	0.40	-	2.18	
742	-	-	-	0.92	0.92	-	-	4.90	4.90	0.40	-	1.81	
716	-	-	-	0.63	0.63	-	-	4.90	4.90	0.40	-	1.23	
721	-	-	-	0.99	0.99	-	-	4.90	4.90	0.40	-	1.94	
719	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.30	
5186	3.15	-	-	-	3.15	2.10	-	-	2.10	0.40	-	2.65	
616	-	-	-	1.00	1.00	-	-	4.90	4.90	0.40	-	1.96	
710	-	-	-	0.66	0.66	-	-	4.90	4.90	0.40	-	1.28	
5214	0.48	-	-	-	0.48	11.40	-	-	11.40	0.40	-	2.19	
722	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.93	
744	-	-	-	1.85	1.85	-	-	4.90	4.90	0.40	-	3.63	
5229	0.94	-	-	-	0.94	4.90	-	-	4.90	0.40	-	1.84	
711	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.05	
752	-	-	-	0.64	0.64	-	-	4.90	4.90	0.40	-	1.25	
5196	0.66	-	-	-	0.66	5.90	-	-	5.90	0.40	-	1.56	
5235	0.53	-	-	-	0.53	6.50	-	-	6.50	0.40	-	1.38	
724	-	-	-	0.77	0.77	-	-	4.90	4.90	0.40	-	1.51	
5257	0.76	-	-	-	0.76	4.50	-	-	4.50	0.40	-	1.37	
725	-	-	-	0.63	0.63	-	-	4.90	4.90	0.40	-	1.23	
615	-	-	-	0.42	0.42	-	-	4.90	4.90	0.40	-	0.82	
741	-	-	-	0.80	0.80	-	-	4.90	4.90	0.40	-	1.56	
5231	0.55	-	-	-	0.55	5.30	-	-	5.30	0.40	-	1.17	
723	-	-	-	0.66	0.66	-	-	4.90	4.90	0.40	-	1.28	
5245	0.93	-	-	-	0.93	3.10	-	-	3.10	0.40	-	1.15	

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/OC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
753	-	-	-	0.59	0.59	-	-	4.90	4.90	-	-	1.15
5198	0.69	-	-	-	0.69	4.10	-	-	4.10	0.40	-	1.13
745	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.93
5269	0.39	-	-	-	0.39	6.00	-	-	6.00	0.40	-	0.94
730	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.93
613	-	-	-	0.53	0.53	-	-	4.90	4.90	0.40	-	1.04
5267	0.26	-	-	-	0.26	6.40	-	-	6.40	0.40	-	0.67
714	-	-	-	0.50	0.50	-	-	4.90	4.90	0.40	-	0.99
757	-	-	-	0.62	0.62	-	-	4.90	4.90	0.40	-	1.21
766	-	-	-	0.25	0.25	-	-	4.90	4.90	0.40	-	0.48
5266	0.21	-	-	-	0.21	5.40	-	-	5.40	0.40	-	0.45
5270	0.30	-	-	-	0.30	3.70	-	-	3.70	0.40	-	0.44
5273	0.23	-	-	-	0.23	4.70	-	-	4.70	0.40	-	0.43
739	-	-	-	0.17	0.17	-	-	4.90	4.90	0.40	-	0.34
5252	0.22	-	-	-	0.22	3.70	-	-	3.70	0.40	-	0.33
705	-	-	-	0.29	0.29	-	-	4.90	4.90	0.40	-	0.56
760	-	-	-	0.17	0.17	-	-	4.90	4.90	0.40	-	0.34
5260	0.36	-	-	-	0.36	2.10	-	-	2.10	0.40	-	0.30
5263	0.29	-	-	-	0.29	2.30	-	-	2.30	0.40	-	0.27
5227	0.21	-	-	-	0.21	3.10	-	-	3.10	0.40	-	0.26
5276	0.18	-	-	-	0.18	3.60	-	-	3.60	0.40	-	0.22
5211	0.17	-	-	-	0.17	3.30	-	-	3.30	0.40	-	0.76
770	-	-	-	0.39	0.39	-	-	4.90	4.90	0.40	-	0.50
614	-	-	-	0.26	0.26	-	-	4.90	4.90	0.40	-	0.11
5225	0.11	-	-	-	0.11	2.60	-	-	2.60	0.40	-	0.11
5271	0.11	-	-	-	0.11	2.40	-	-	2.40	0.40	-	0.11
5249	0.12	-	-	-	0.12	1.70	-	-	1.70	0.40	-	0.08
5230	0.08	-	-	-	0.08	2.30	-	-	2.30	0.40	-	0.07
5268	0.15	-	-	-	0.15	1.00	-	-	1.00	0.40	-	0.06
5218	0.08	-	-	-	0.08	1.40	-	-	1.40	0.40	-	0.04
992	-	33.34	-	-	33.34	-	-	-	1.40	0.40	-	65.35
993	-	2.92	-	-	2.92	-	-	4.90	4.90	0.40	-	5.72
1048	-	-	-	-	2.46	-	-	4.90	4.90	0.40	-	4.82
991	-	-	-	2.46	2.46	-	-	4.90	4.90	0.40	-	10.80
1045	-	-	-	5.51	5.51	-	-	4.90	4.90	0.40	-	5.16
1042	-	-	-	2.63	2.63	-	-	4.90	4.90	0.40	-	3.18
1040	-	-	-	1.62	1.62	-	-	4.90	4.90	0.40	-	3.50
1037	-	-	-	1.79	1.79	-	-	4.90	4.90	0.40	-	2.66
1043	-	-	-	1.36	1.36	-	-	4.90	4.90	0.40	-	1.73
994	-	-	-	0.88	0.88	-	-	4.90	4.90	0.40	-	7.84
1044	-	-	-	4.00	4.00	-	-	4.90	4.90	0.40	-	3.44
1036	-	-	-	1.76	1.76	-	-	4.90	4.90	0.40	-	2.29
1038	-	-	-	1.17	1.17	-	-	4.90	4.90	0.40	-	0.88
5070	0.36	-	-	0.45	0.45	-	-	4.90	4.90	0.40	-	1.09
1035	-	-	-	-	0.36	7.55	-	-	7.55	0.40	-	1.75
1046	-	-	-	0.89	0.89	-	-	4.90	4.90	0.40	-	1.49
995	-	-	-	0.76	0.76	-	-	4.90	4.90	0.40	-	1.23
1000	-	-	-	0.63	0.63	-	-	4.90	4.90	0.40	-	0.37
5049	4.69	-	-	0.19	0.19	-	-	4.90	4.90	0.40	-	12.94
5091	3.74	-	-	-	4.69	6.90	-	-	6.90	0.40	-	8.98
5080	3.74	-	-	-	3.74	6.00	-	-	6.00	0.40	-	8.83
5080	3.68	-	-	-	3.68	6.00	-	-	6.00	0.40	-	7.49
5063	1.30	-	-	-	1.30	14.40	-	-	14.40	0.40	-	3.13
1153	-	-	-	1.60	1.60	-	-	4.90	4.90	0.40	-	6.21
5048	3.61	-	-	-	3.61	4.30	-	-	4.30	0.40	-	5.34
5047	0.89	-	-	-	0.89	15.00	-	-	15.00	0.40	-	5.72
222	-	-	-	2.92	2.92	-	-	4.90	4.90	0.40	-	5.04
5077	1.50	-	-	-	1.50	8.40	-	-	8.40	0.40	-	2.20
1141	-	-	-	1.12	1.12	-	-	4.90	4.90	0.40	-	4.39
5089	0.60	-	-	-	0.60	18.30	-	-	18.30	0.40	-	3.02
1144	-	-	-	1.54	1.54	-	-	4.90	4.90	0.40	-	3.84
5090	0.95	-	-	-	0.95	10.10	-	-	10.10	0.40	-	3.74
1155	-	-	-	1.91	1.91	-	-	4.90	4.90	0.40	-	4.38
1156	-	-	-	2.23	2.23	-	-	4.90	4.90	0.40	-	1.64
1151	-	-	-	0.84	0.84	-	-	4.90	4.90	0.40	-	4.58
1379	-	-	-	2.34	2.34	-	-	4.90	4.90	0.40	-	1.34
221	-	-	-	0.68	0.68	-	-	4.90	4.90	0.40	-	1.69
220	-	-	-	0.86	0.86	-	-	4.90	4.90	0.40	-	2.25
1139	-	-	-	1.15	1.15	-	-	4.90	4.90	0.40	-	1.38
1266	-	-	-	0.70	0.70	-	-	4.90	4.90	0.40	-	0.69
256	-	-	-	0.35	0.35	-	-	4.90	4.90	0.40	-	1.36
1131	-	-	-	0.69	0.69	-	-	4.90	4.90	0.40	-	0.50
1378	-	-	-	0.26	0.26	-	-	4.90	4.90	0.40	-	



Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres				Adjusted Maximum Area	Adjusted Maximum Depth in Feet			Adjusted Maximum Depth	Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>		US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIP-IC, 3.9 Well/Spring, 5.5 Diversion/OC <sup>5</sup>		Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
1146	-	-	-	0.22	0.22	-	-	-	-	-	-	-
315	-	-	-	4.69	4.69	-	-	4.90	4.90	0.40	-	0.43
308	-	-	-	0.88	0.88	-	-	4.90	4.90	0.40	-	9.20
5154	0.67	-	-	-	0.67	-	-	4.90	4.90	0.40	-	1.73
5152	0.84	-	-	-	0.84	4.80	-	-	4.80	0.40	-	1.29
5153	0.62	-	-	-	0.62	1.80	-	-	1.80	0.40	-	0.60
5274	15.90	-	-	-	15.90	1.40	-	-	1.40	0.40	-	0.35
313	-	0.53	-	-	0.53	8.70	-	-	8.70	0.40	-	55.33
332	-	2.49	-	-	2.49	-	-	4.90	4.90	0.40	-	1.04
5261	4.65	-	-	-	4.65	-	-	4.90	4.90	0.40	-	4.88
293	-	-	-	-	4.65	4.10	-	-	4.10	0.40	-	7.63
381	-	-	-	6.80	6.80	-	-	4.90	4.90	0.40	-	13.33
314	-	-	-	1.73	1.73	-	-	4.90	4.90	0.40	-	3.39
291	-	-	-	1.15	1.15	-	-	4.90	4.90	0.40	-	2.25
292	-	-	-	2.13	2.13	-	-	4.90	4.90	0.40	-	4.17
290	-	-	-	1.34	1.34	-	-	4.90	4.90	0.40	-	2.63
379	-	-	-	1.18	1.18	-	-	4.90	4.90	0.40	-	2.31
336	-	4.66	-	0.25	0.25	-	-	4.90	4.90	0.40	-	0.48
5167	12.91	-	-	-	4.66	-	-	4.90	4.90	0.40	-	9.13
306	-	-	-	-	12.91	4.30	-	-	4.30	0.40	-	22.21
335	-	-	-	2.43	2.43	-	-	4.90	4.90	0.40	-	4.77
339	-	-	-	2.54	2.54	-	-	4.90	4.90	0.40	-	4.97
337	-	-	-	1.92	1.92	-	-	4.90	4.90	0.40	-	3.76
5177	0.43	-	-	1.41	1.41	-	-	4.90	4.90	0.40	-	2.76
334	-	-	-	-	0.43	2.40	-	-	2.40	0.40	-	0.41
495	-	4.17	-	0.24	0.24	-	-	4.90	4.90	0.40	-	0.47
1475	-	2.20	-	-	4.17	-	-	4.90	4.90	0.40	-	8.17
496	-	1.51	-	-	2.20	-	-	4.90	4.90	0.40	-	4.31
1459	-	2.77	-	-	1.51	-	-	4.90	4.90	0.40	-	2.96
494	-	-	-	-	2.77	-	-	4.90	4.90	0.40	-	5.43
1466	-	-	-	6.62	6.62	-	-	4.90	4.90	0.40	-	12.98
461	-	-	-	4.88	4.88	-	-	4.90	4.90	0.40	-	9.57
1813	-	-	-	3.29	3.29	-	-	4.90	4.90	0.40	-	6.44
486	-	-	-	4.30	4.30	-	-	4.90	4.90	0.40	-	8.43
1473	-	-	-	2.31	2.31	-	-	4.90	4.90	0.40	-	4.52
492	-	-	-	3.79	3.79	-	-	4.90	4.90	0.40	-	7.43
487	-	-	-	2.00	2.00	-	-	4.90	4.90	0.40	-	3.91
1476	-	-	-	2.36	2.36	-	-	4.90	4.90	0.40	-	4.62
493	-	-	-	3.99	3.99	-	-	4.90	4.90	0.40	-	7.82
454	-	-	-	2.88	2.88	-	-	4.90	4.90	0.40	-	5.64
452	-	-	-	0.99	0.99	-	-	4.90	4.90	0.40	-	1.94
1460	-	-	-	3.22	3.22	-	-	4.90	4.90	0.40	-	6.31
1478	-	-	-	1.44	1.44	-	-	4.90	4.90	0.40	-	2.83
1472	-	-	-	1.50	1.50	-	-	4.90	4.90	0.40	-	2.94
1477	-	-	-	1.26	1.26	-	-	4.90	4.90	0.40	-	2.48
1471	-	-	-	1.09	1.09	-	-	4.90	4.90	0.40	-	2.14
484	-	-	-	1.42	1.42	-	-	4.90	4.90	0.40	-	2.77
1467	-	-	-	0.77	0.77	-	-	4.90	4.90	0.40	-	1.51
1479	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.07
483	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.32
1474	-	-	-	1.10	1.10	-	-	4.90	4.90	0.40	-	2.16
453	-	-	-	0.76	0.76	-	-	4.90	4.90	0.40	-	1.49
1708	-	-	-	0.44	0.44	-	-	4.90	4.90	0.40	-	0.86
1395	-	-	-	0.86	0.86	-	-	4.90	4.90	0.40	-	1.69
199	-	-	-	0.32	0.32	-	-	4.90	4.90	0.40	-	0.63
5175	6.33	-	-	0.75	0.75	-	-	4.90	4.90	0.40	-	1.47
5161	4.42	-	-	-	6.33	6.30	-	-	6.30	0.40	-	15.95
1289	-	-	-	-	4.42	7.40	-	-	7.40	0.40	-	13.08
5159	1.69	-	-	2.13	2.13	-	-	4.90	4.90	0.40	-	4.17
1805	-	-	-	-	1.69	3.10	-	-	3.10	0.40	-	2.10
1555	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.95
1557	-	-	-	1.48	1.48	-	-	4.90	4.90	0.40	-	2.90
1558	-	-	-	0.71	0.71	-	-	4.90	4.90	0.40	-	1.40
1067	-	-	-	0.33	0.33	-	-	4.90	4.90	0.40	-	0.65
388	-	-	-	2.58	2.58	-	-	4.90	4.90	0.40	-	5.06
1071	-	-	-	2.70	2.70	-	-	4.90	4.90	0.40	-	5.29
386	-	-	-	1.25	1.25	-	-	4.90	4.90	0.40	-	2.46
400	-	-	-	1.24	1.24	-	-	4.90	4.90	0.40	-	2.42
1072	-	-	-	1.35	1.35	-	-	4.90	4.90	0.40	-	2.64
397	-	-	-	0.46	0.46	-	-	4.90	4.90	0.40	-	0.89
396	-	-	-	0.68	0.68	-	-	4.90	4.90	0.40	-	1.34
1068	-	-	-	0.42	0.42	-	-	4.90	4.90	0.40	-	0.82
				0.29	0.29	-	-	4.90	4.90	0.40	-	0.58

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/OC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
	394	-	-	-	0.66	0.66	-	-	4.90	4.90	0.40	-
5420	0.24	-	-	-	0.24	9.00	-	-	9.00	0.40	-	0.86
5421	0.39	-	-	-	0.39	4.53	-	-	4.53	0.40	-	0.71
1070	-	-	-	1.00	1.00	-	-	4.90	4.90	0.40	-	1.96
389	-	-	-	0.16	0.16	-	-	4.90	4.90	0.40	-	0.32
5432	0.09	-	-	-	0.09	5.84	-	-	5.84	0.40	-	0.21
5427	0.11	-	-	-	0.11	4.10	-	-	4.10	0.40	-	0.18
387	-	-	-	0.15	0.15	-	-	4.90	4.90	0.40	-	0.30
1069	-	-	-	0.10	0.10	-	-	4.90	4.90	0.40	-	0.20
921	-	3.26	-	-	3.26	-	-	4.90	4.90	0.40	-	6.39
505	-	0.00	-	-	0.00	-	-	4.90	4.90	0.40	-	0.00
923	-	-	-	1.02	1.02	-	-	4.90	4.90	0.40	-	1.99
507	-	-	-	2.25	2.25	-	-	4.90	4.90	0.40	-	4.41
5119	2.33	-	-	-	2.33	5.60	-	-	5.60	0.40	-	5.22
655	-	-	-	1.26	1.26	-	-	4.90	4.90	0.40	-	2.48
922	-	-	-	2.94	2.94	-	-	4.90	4.90	0.40	-	5.75
512	-	-	-	0.86	0.86	-	-	4.90	4.90	0.40	-	1.68
5111	0.61	-	-	-	0.61	2.30	-	-	2.30	0.40	-	0.56
656	-	-	-	0.41	0.41	-	-	4.90	4.90	0.40	-	0.80
5114	0.16	-	-	-	0.16	1.10	-	-	1.10	0.40	-	0.07
1645	-	0.33	-	-	0.33	-	-	4.90	4.90	0.40	-	0.65
990	-	-	-	4.55	4.55	-	-	4.90	4.90	0.40	-	8.92
1027	-	-	-	2.65	2.65	-	-	4.90	4.90	0.40	-	5.19
1542	-	-	-	1.16	1.16	-	-	4.90	4.90	0.40	-	2.27
1025	-	-	-	0.94	0.94	-	-	4.90	4.90	0.40	-	1.84
1544	-	-	-	1.08	1.08	-	-	4.90	4.90	0.40	-	2.12
1055	-	-	-	1.15	1.15	-	-	4.90	4.90	0.40	-	2.25
1541	-	-	-	1.79	1.79	-	-	4.90	4.90	0.40	-	3.50
1686	-	-	-	0.49	0.49	-	-	4.90	4.90	0.40	-	0.97
1058	-	-	-	1.11	1.11	-	-	4.90	4.90	0.40	-	2.18
1480	-	-	-	0.46	0.46	-	-	4.90	4.90	0.40	-	0.89
1726	-	-	-	0.44	0.44	-	-	4.90	4.90	0.40	-	0.86
1543	-	-	-	0.23	0.23	-	-	4.90	4.90	0.40	-	0.45
1056	-	-	-	0.32	0.32	-	-	4.90	4.90	0.40	-	0.63
1028	-	-	-	0.14	0.14	-	-	4.90	4.90	0.40	-	0.28
1651	-	-	-	0.14	0.14	-	-	4.90	4.90	0.40	-	0.28
1517	-	-	-	0.80	0.80	-	-	4.90	4.90	0.40	-	1.56
926	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.32
927	-	-	-	0.50	0.50	-	-	4.90	4.90	0.40	-	0.99
918	-	-	-	0.84	0.84	-	-	4.90	4.90	0.40	-	1.64
946	-	-	-	0.36	0.36	-	-	4.90	4.90	0.40	-	0.71
5062	0.34	-	-	-	0.34	4.90	-	-	4.90	0.40	-	0.67
940	-	-	-	0.99	0.99	-	-	4.90	4.90	0.40	-	1.94
947	-	-	-	0.36	0.36	-	-	4.90	4.90	0.40	-	0.71
1527	-	-	-	0.70	0.70	-	-	4.90	4.90	0.40	-	1.38
1529	-	-	-	0.09	0.09	-	-	4.90	4.90	0.40	-	0.17
1528	-	-	-	0.36	0.36	-	-	4.90	4.90	0.40	-	0.71
925	-	-	-	0.44	0.44	-	-	4.90	4.90	0.40	-	0.86
1526	-	-	-	0.10	0.10	-	-	4.90	4.90	0.40	-	0.20
873	-	3.83	-	-	3.83	-	-	4.90	4.90	0.40	-	7.51
924	-	-	-	6.77	6.77	-	-	4.90	4.90	0.40	-	13.28
872	-	-	-	0.69	0.69	-	-	4.90	4.90	0.40	-	1.36
1399	-	-	-	0.89	0.89	-	-	4.90	4.90	0.40	-	1.75
917	-	-	-	0.65	0.65	-	-	4.90	4.90	0.40	-	1.27
5135	0.22	-	-	-	0.22	2.10	-	-	2.10	0.40	-	0.18
986	-	0.00	-	-	0.00	-	-	4.90	4.90	0.40	-	0.00
985	-	-	-	6.71	6.71	-	-	4.90	4.90	0.40	-	13.15
1539	-	-	-	2.65	2.65	-	-	4.90	4.90	0.40	-	5.19
1570	-	-	-	0.68	0.68	-	-	4.90	4.90	0.40	-	1.34
1685	-	-	-	0.50	0.50	-	-	4.90	4.90	0.40	-	0.99
1540	-	-	-	0.49	0.49	-	-	4.90	4.90	0.40	-	0.97
1567	-	-	-	0.16	0.16	-	-	4.90	4.90	0.40	-	0.32
1547	-	-	-	0.16	0.16	-	-	4.90	4.90	0.40	-	0.32
1387	-	-	-	1.69	1.69	-	-	4.90	4.90	0.40	-	3.31
5402	0.48	-	-	-	0.48	5.50	-	-	5.50	0.40	-	1.06
5401	0.19	-	-	-	0.19	4.10	-	-	4.10	0.40	-	0.31
5408	0.18	-	-	-	0.18	2.80	-	-	2.80	0.40	-	0.20
5403	0.10	-	-	-	0.10	4.30	-	-	4.30	0.40	-	0.17
5407	0.10	-	-	-	0.10	2.00	-	-	2.00	0.40	-	0.08
472	-	7.55	-	-	7.55	-	-	4.90	4.90	0.40	-	14.80
470	-	13.48	-	-	13.48	-	-	4.90	4.90	0.40	-	26.42
1443	-	4.34	-	-	4.34	-	-	4.90	4.90	0.40	-	8.51

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
	322	-	-	-	3.97	3.97	-	-	4.90	4.90	0.40	-
5021	12.52	-	-	-	12.52	1.70	-	-	1.70	0.40	-	8.51
471	-	-	-	2.69	2.69	-	-	4.90	4.90	0.40	-	5.27
455	-	-	-	1.66	1.66	-	-	4.90	4.90	0.40	-	3.26
448	-	-	-	1.25	1.25	-	-	4.90	4.90	0.40	-	2.46
469	-	-	-	1.01	1.01	-	-	4.90	4.90	0.40	-	1.97
1442	-	-	-	0.92	0.92	-	-	4.90	4.90	0.40	-	1.81
1739	-	-	-	0.81	0.81	-	-	4.90	4.90	0.40	-	1.58
5019	0.66	-	-	-	0.66	4.00	-	-	4.00	0.40	-	1.06
5024	1.03	-	-	-	1.03	1.90	-	-	1.90	0.40	-	0.78
5032	0.20	-	-	-	0.20	4.30	-	-	4.30	0.40	-	0.34
1740	-	-	-	0.22	0.22	-	-	4.90	4.90	0.40	-	0.43
1081	-	-	-	1.44	1.44	-	-	4.90	4.90	0.40	-	2.83
5398	2.97	-	-	-	2.97	17.80	-	-	17.80	0.40	-	21.15
5400	3.25	-	-	-	3.25	9.10	-	-	9.10	0.40	-	11.83
5404	1.30	-	-	-	1.30	10.80	-	-	10.80	0.40	-	5.62
1402	-	-	-	1.11	1.11	-	-	4.90	4.90	0.40	-	2.18
5405	0.57	-	-	-	0.57	8.86	-	-	8.86	0.40	-	2.02
5282	0.79	-	-	-	0.79	13.40	-	-	13.40	0.40	-	4.23
1403	-	-	-	3.68	3.68	-	-	4.90	4.90	0.40	-	7.21
5385	2.14	-	-	-	2.14	3.10	-	-	3.10	0.40	-	2.65
5382	0.75	-	-	-	0.75	7.00	-	-	7.00	0.40	-	2.10
1324	-	-	-	1.09	1.09	-	-	4.90	4.90	0.40	-	2.14
1323	-	-	-	1.46	1.46	-	-	4.90	4.90	0.40	-	2.87
5381	0.66	-	-	-	0.66	3.20	-	-	3.20	0.40	-	0.84
5238	3.63	-	-	-	3.63	6.30	-	-	6.30	0.40	-	9.15
5204	1.67	-	-	-	1.67	9.90	-	-	9.90	0.40	-	6.61
1309	-	-	-	2.55	2.55	-	-	4.90	4.90	0.40	-	4.99
5277	3.71	-	-	-	3.71	6.20	-	-	6.20	0.40	-	9.20
1313	-	-	-	2.10	2.10	-	-	4.90	4.90	0.40	-	4.12
1310	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.32
5226	0.30	-	-	-	0.30	3.10	-	-	3.10	0.40	-	0.37
943	-	7.48	-	-	7.48	-	-	4.90	4.90	0.40	-	14.66
5039	3.81	-	-	-	3.81	5.20	-	-	5.20	0.40	-	7.92
935	-	-	-	2.79	2.79	-	-	4.90	4.90	0.40	-	5.47
1531	-	-	-	3.26	3.26	-	-	4.90	4.90	0.40	-	6.39
1532	-	-	-	2.42	2.42	-	-	4.90	4.90	0.40	-	4.75
5056	2.96	-	-	-	2.96	3.80	-	-	3.80	0.40	-	4.50
933	-	-	-	1.85	1.85	-	-	4.90	4.90	0.40	-	3.63
929	-	-	-	3.33	3.33	-	-	4.90	4.90	0.40	-	6.54
944	-	-	-	1.46	1.46	-	-	4.90	4.90	0.40	-	2.87
5051	0.96	-	-	-	0.96	5.90	-	-	5.90	0.40	-	2.27
931	-	-	-	0.45	0.45	-	-	4.90	4.90	0.40	-	0.88
1530	-	-	-	1.58	1.58	-	-	4.90	4.90	0.40	-	3.09
942	-	-	-	0.71	0.71	-	-	4.90	4.90	0.40	-	1.40
939	-	-	-	0.62	0.62	-	-	4.90	4.90	0.40	-	1.21
5065	0.39	-	-	-	0.39	4.90	-	-	4.90	0.40	-	0.76
941	-	-	-	0.55	0.55	-	-	4.90	4.90	0.40	-	1.08
945	-	-	-	0.61	0.61	-	-	4.90	4.90	0.40	-	1.19
5060	0.51	-	-	-	0.51	2.10	-	-	2.10	0.40	-	0.43
930	-	-	-	0.20	0.20	-	-	4.90	4.90	0.40	-	0.39
932	-	-	-	0.19	0.19	-	-	4.90	4.90	0.40	-	0.37
5054	0.26	-	-	-	0.26	2.60	-	-	2.60	0.40	-	0.27
1535	-	-	-	0.23	0.23	-	-	4.90	4.90	0.40	-	0.45
5046	0.17	-	-	-	0.17	3.50	-	-	3.50	0.40	-	0.24
928	-	-	-	0.38	0.38	-	-	4.90	4.90	0.40	-	0.74
938	-	-	-	0.36	0.36	-	-	4.90	4.90	0.40	-	0.71
1533	-	-	-	0.19	0.19	-	-	4.90	4.90	0.40	-	0.37
5061	0.05	-	-	-	0.05	2.90	-	-	2.90	0.40	-	0.06
5053	0.07	-	-	-	0.07	1.70	-	-	1.70	0.40	-	0.05
1506	-	-	-	5.85	5.85	-	-	4.90	4.90	0.40	-	11.47
1509	-	-	-	3.37	3.37	-	-	4.90	4.90	0.40	-	6.61
1507	-	-	-	3.02	3.02	-	-	4.90	4.90	0.40	-	5.92
1667	-	-	-	1.01	1.01	-	-	4.90	4.90	0.40	-	1.97
1669	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.05
1588	-	-	-	0.78	0.78	-	-	4.90	4.90	0.40	-	1.53
1511	-	-	-	1.13	1.13	-	-	4.90	4.90	0.40	-	2.22
1553	-	-	-	1.12	1.12	-	-	4.90	4.90	0.40	-	2.20
1700	-	-	-	0.91	0.91	-	-	4.90	4.90	0.40	-	1.79
1589	-	-	-	0.88	0.88	-	-	4.90	4.90	0.40	-	1.73
1666	-	-	-	0.41	0.41	-	-	4.90	4.90	0.40	-	0.80
1679	-	-	-	1.01	1.01	-	-	4.90	4.90	0.40	-	1.97

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>1</sup>	BIA Area-Capacity Table Data <sup>2</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>2</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>3</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>5</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>1</sup>	Adjusted Maximum Volume (acre-feet) <sup>1</sup>
	1587	-	-	-	0.45	0.45	-	-	4.90	4.90	0.40	-
1665	-	-	-	0.23	0.23	-	-	4.90	4.90	0.40	-	0.45
1590	-	-	-	0.13	0.13	-	-	4.90	4.90	0.40	-	0.26
1564	-	-	-	1.25	1.25	-	-	4.90	4.90	0.40	-	2.46
1566	-	-	-	1.41	1.41	-	-	4.90	4.90	0.40	-	2.76
1582	-	-	-	1.74	1.74	-	-	4.90	4.90	0.40	-	3.41
1565	-	-	-	1.03	1.03	-	-	4.90	4.90	0.40	-	2.01
1569	-	-	-	0.49	0.49	-	-	4.90	4.90	0.40	-	0.97
1672	-	-	-	0.62	0.62	-	-	4.90	4.90	0.40	-	1.21
1537	-	-	-	0.57	0.57	-	-	4.90	4.90	0.40	-	1.12
1538	-	-	-	0.52	0.52	-	-	4.90	4.90	0.40	-	1.02
1536	-	-	-	0.45	0.45	-	-	4.90	4.90	0.40	-	0.88
1559	-	-	-	0.25	0.25	-	-	4.90	4.90	0.40	-	0.48
1562	-	-	-	0.16	0.16	-	-	4.90	4.90	0.40	-	0.32
1568	-	-	-	0.20	0.20	-	-	4.90	4.90	0.40	-	0.39
1563	-	-	-	0.06	0.06	-	-	4.90	4.90	0.40	-	0.11
1697	-	-	-	2.66	2.66	-	-	4.90	4.90	0.40	-	5.21
1518	-	-	-	1.00	1.00	-	-	4.90	4.90	0.40	-	1.96
1699	-	-	-	2.58	2.58	-	-	4.90	4.90	0.40	-	5.06
1521	-	-	-	0.73	0.73	-	-	4.90	4.90	0.40	-	1.43
1703	-	-	-	0.86	0.86	-	-	4.90	4.90	0.40	-	1.68
1691	-	-	-	0.89	0.89	-	-	4.90	4.90	0.40	-	1.75
1696	-	-	-	0.63	0.63	-	-	4.90	4.90	0.40	-	1.23
1573	-	-	-	0.61	0.61	-	-	4.90	4.90	0.40	-	1.19
1694	-	-	-	0.40	0.40	-	-	4.90	4.90	0.40	-	0.78
1516	-	-	-	0.65	0.65	-	-	4.90	4.90	0.40	-	1.27
1523	-	-	-	0.63	0.63	-	-	4.90	4.90	0.40	-	1.23
1522	-	-	-	2.31	2.31	-	-	4.90	4.90	0.40	-	4.52
1524	-	-	-	0.72	0.72	-	-	4.90	4.90	0.40	-	1.42
1515	-	-	-	0.50	0.50	-	-	4.90	4.90	0.40	-	0.99
1698	-	-	-	0.37	0.37	-	-	4.90	4.90	0.40	-	0.73
1695	-	-	-	0.52	0.52	-	-	4.90	4.90	0.40	-	1.02
1693	-	-	-	1.34	1.34	-	-	4.90	4.90	0.40	-	2.63
1572	-	-	-	0.51	0.51	-	-	4.90	4.90	0.40	-	1.01
1513	-	-	-	0.70	0.70	-	-	4.90	4.90	0.40	-	1.38
1519	-	-	-	0.25	0.25	-	-	4.90	4.90	0.40	-	0.48
1520	-	-	-	0.32	0.32	-	-	4.90	4.90	0.40	-	0.63
1584	-	-	-	0.26	0.26	-	-	4.90	4.90	0.40	-	0.50
1575	-	-	-	0.23	0.23	-	-	4.90	4.90	0.40	-	0.45
1571	-	-	-	0.15	0.15	-	-	4.90	4.90	0.40	-	0.30
1574	-	-	-	0.27	0.27	-	-	4.90	4.90	0.40	-	0.52
1578	-	-	-	0.09	0.09	-	-	4.90	4.90	0.40	-	0.17
1583	-	-	-	4.70	4.70	-	-	4.90	4.90	0.40	-	9.22
908	-	-	-	5.50	5.50	-	-	4.90	4.90	0.40	-	10.78
1554	-	-	-	2.91	2.91	-	-	4.90	4.90	0.40	-	5.70
1592	-	-	-	2.11	2.11	-	-	4.90	4.90	0.40	-	4.13
1504	-	-	-	2.55	2.55	-	-	4.90	4.90	0.40	-	4.99
1607	-	-	-	0.91	0.91	-	-	4.90	4.90	0.40	-	1.79
909	-	-	-	1.19	1.19	-	-	4.90	4.90	0.40	-	2.33
1668	-	-	-	0.81	0.81	-	-	4.90	4.90	0.40	-	1.58
907	-	-	-	1.16	1.16	-	-	4.90	4.90	0.40	-	2.27
1600	-	-	-	1.08	1.08	-	-	4.90	4.90	0.40	-	2.12
1610	-	-	-	1.15	1.15	-	-	4.90	4.90	0.40	-	2.25
1660	-	-	-	0.36	0.36	-	-	4.90	4.90	0.40	-	0.71
1593	-	-	-	0.75	0.75	-	-	4.90	4.90	0.40	-	1.47
959	-	-	-	1.67	1.67	-	-	4.90	4.90	0.40	-	3.28
1670	-	-	-	0.56	0.56	-	-	4.90	4.90	0.40	-	1.10
1601	-	-	-	0.53	0.53	-	-	4.90	4.90	0.40	-	1.04
1597	-	-	-	0.60	0.60	-	-	4.90	4.90	0.40	-	1.17
1503	-	-	-	0.68	0.68	-	-	4.90	4.90	0.40	-	1.34
1599	-	-	-	0.37	0.37	-	-	4.90	4.90	0.40	-	0.73
1598	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.93
1612	-	-	-	0.34	0.34	-	-	4.90	4.90	0.40	-	0.67
1611	-	-	-	0.26	0.26	-	-	4.90	4.90	0.40	-	0.50
1603	-	-	-	0.09	0.09	-	-	4.90	4.90	0.40	-	0.17
1661	-	-	-	0.25	0.25	-	-	4.90	4.90	0.40	-	0.48
1662	-	-	-	0.19	0.19	-	-	4.90	4.90	0.40	-	0.37
1602	-	-	-	0.09	0.09	-	-	4.90	4.90	0.40	-	0.17
1671	-	-	-	0.27	0.27	-	-	4.90	4.90	0.40	-	0.52
1663	-	-	-	0.27	0.27	-	-	4.90	4.90	0.40	-	0.52
1596	-	-	-	0.18	0.18	-	-	4.90	4.90	0.40	-	0.35
1664	-	-	-	0.11	0.11	-	-	4.90	4.90	0.40	-	0.22

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NHP-IC, 3.9 Well/Spring, 5.5 Diversion/OC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
	1604	-	-	-	0.08	0.08	-	-	4.90	4.90	0.40	-
251	-	3.15	-	-	3.15	-	-	4.90	4.90	0.40	-	6.17
1281	-	19.79	-	-	19.79	-	-	4.90	4.90	0.40	-	38.79
1777	-	-	-	1.54	1.54	-	-	4.90	4.90	0.40	-	3.02
1277	-	-	-	3.14	3.14	-	-	4.90	4.90	0.40	-	6.16
1776	-	-	-	6.66	6.66	-	-	4.90	4.90	0.40	-	13.05
5140	6.30	-	-	-	6.30	3.30	-	-	3.30	0.40	-	8.32
5105	1.57	-	-	-	1.57	12.60	-	-	12.60	0.40	-	7.91
248	-	-	-	1.72	1.72	-	-	4.90	4.90	0.40	-	3.37
1775	-	-	-	4.10	4.10	-	-	4.90	4.90	0.40	-	8.04
250	-	-	-	1.41	1.41	-	-	4.90	4.90	0.40	-	2.76
1781	-	-	-	2.00	2.00	-	-	4.90	4.90	0.40	-	3.93
5120	4.35	-	-	-	4.35	2.20	-	-	2.20	0.40	-	3.83
260	-	-	-	1.70	1.70	-	-	4.90	4.90	0.40	-	3.33
1774	-	-	-	2.94	2.94	-	-	4.90	4.90	0.40	-	5.75
5134	1.62	-	-	-	1.62	5.60	-	-	5.60	0.40	-	3.63
1275	-	-	-	2.26	2.26	-	-	4.90	4.90	0.40	-	4.43
258	-	-	-	1.66	1.66	-	-	4.90	4.90	0.40	-	3.26
1268	-	-	-	0.81	0.81	-	-	4.90	4.90	0.40	-	1.58
246	-	-	-	1.16	1.16	-	-	4.90	4.90	0.40	-	2.27
249	-	-	-	1.08	1.08	-	-	4.90	4.90	0.40	-	2.12
244	-	-	-	0.56	0.56	-	-	4.90	4.90	0.40	-	1.10
1411	-	-	-	0.85	0.85	-	-	4.90	4.90	0.40	-	1.66
1420	-	-	-	0.25	0.25	-	-	4.90	4.90	0.40	-	0.48
1278	-	-	-	1.25	1.25	-	-	4.90	4.90	0.40	-	2.46
5106	0.51	-	-	-	0.51	1.80	-	-	1.80	0.40	-	0.37
259	-	-	-	0.61	0.61	-	-	4.90	4.90	0.40	-	1.19
1760	-	1.38	-	-	1.38	-	-	4.90	4.90	0.40	-	2.70
38	-	2.97	-	-	2.97	-	-	4.90	4.90	0.40	-	5.82
1764	-	5.17	-	-	5.17	-	-	4.90	4.90	0.40	-	10.13
5374	0.07	-	-	-	0.07	2.30	-	-	2.30	0.40	-	0.06
5396	0.80	-	-	-	0.80	6.60	-	-	6.60	0.40	-	2.11
415	-	-	-	1.04	1.04	-	-	4.90	4.90	0.40	-	2.03
412	-	-	-	0.61	0.61	-	-	4.90	4.90	0.40	-	1.19
419	-	-	-	0.26	0.26	-	-	4.90	4.90	0.40	-	0.50
5397	0.25	-	-	-	0.25	5.40	-	-	5.40	0.40	-	0.54
5395	0.12	-	-	-	0.12	1.90	-	-	1.90	0.40	-	0.09
1405	-	-	-	5.74	5.74	-	-	4.90	4.90	0.40	-	11.25
5419	2.79	-	-	-	2.79	3.28	-	-	3.28	0.40	-	3.66
5412	1.33	-	-	-	1.33	6.56	-	-	6.56	0.40	-	3.49
5429	0.84	-	-	-	0.84	6.23	-	-	6.23	0.40	-	2.09
5409	0.92	-	-	-	0.92	4.20	-	-	4.20	0.40	-	1.55
5414	0.71	-	-	-	0.71	5.00	-	-	5.00	0.40	-	1.42
5418	0.63	-	-	-	0.63	4.59	-	-	4.59	0.40	-	1.16
1404	-	-	-	0.50	0.50	-	-	4.90	4.90	0.40	-	0.99
5417	0.99	-	-	-	0.99	2.30	-	-	2.30	0.40	-	0.91
5411	0.46	-	-	-	0.46	3.41	-	-	3.41	0.40	-	0.63
5415	0.36	-	-	-	0.36	1.90	-	-	1.90	0.40	-	0.27
385	-	-	-	0.28	0.28	-	-	4.90	4.90	0.40	-	0.54
5433	0.05	-	-	-	0.05	3.81	-	-	3.81	0.40	-	0.08
5413	0.03	-	-	-	0.03	1.80	-	-	1.80	0.40	-	0.02
1657	-	-	-	5.56	5.56	-	-	4.90	4.90	0.40	-	10.89
1658	-	-	-	0.45	0.45	-	-	4.90	4.90	0.40	-	0.88
1108	-	118.58	-	-	118.58	-	-	4.90	4.90	0.40	-	232.42
1097	-	-	-	4.73	4.73	-	-	4.90	4.90	0.40	-	9.27
1117	-	-	-	1.84	1.84	-	-	4.90	4.90	0.40	-	3.61
1099	-	-	-	7.38	7.38	-	-	4.90	4.90	0.40	-	14.47
1095	-	-	-	1.53	1.53	-	-	4.90	4.90	0.40	-	3.00
1094	-	-	-	0.98	0.98	-	-	4.90	4.90	0.40	-	1.92
1118	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.95
604	-	0.31	-	-	0.31	-	-	4.90	4.90	0.40	-	0.61
1744	-	-	-	7.07	7.07	-	-	4.90	4.90	0.40	-	13.85
570	-	-	-	4.52	4.52	-	-	4.90	4.90	0.40	-	8.86
603	-	-	-	1.31	1.31	-	-	4.90	4.90	0.40	-	2.57
534	-	-	-	3.53	3.53	-	-	4.90	4.90	0.40	-	6.93
601	-	-	-	0.82	0.82	-	-	4.90	4.90	0.40	-	1.60
602	-	-	-	2.10	2.10	-	-	4.90	4.90	0.40	-	4.12
522	-	-	-	0.51	0.51	-	-	4.90	4.90	0.40	-	1.01
150	-	-	-	0.31	0.31	-	-	4.90	4.90	0.40	-	0.61
535	-	-	-	0.76	0.76	-	-	4.90	4.90	0.40	-	1.49
164	-	-	-	0.20	0.20	-	-	4.90	4.90	0.40	-	0.39
238	-	-	-	7.53	7.53	-	-	4.90	4.90	0.40	-	14.77

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet					Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>d</sup>	OSE Photo-Interpreted <sup>e</sup>	BIA Area-Capacity Table Data <sup>f</sup>	95% of US Survey Stereo Analyst Area <sup>g</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>d</sup>	BIA Area-Capacity Table Data <sup>f</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>h</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>i</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>j</sup>	Adjusted Maximum Volume (acre-feet) <sup>k</sup>	
	236	-	-	-	4.83	4.83	-	-	4.90	4.90	0.40	-	9.46
1425	-	0.00	-	-	0.00	-	-	4.90	4.90	0.40	-	0.00	
240	-	-	-	2.78	2.78	-	-	4.90	4.90	0.40	-	5.46	
319	-	-	-	1.49	1.49	-	-	4.90	4.90	0.40	-	2.92	
141	-	-	-	2.68	2.68	-	-	4.90	4.90	0.40	-	5.25	
241	-	-	-	2.90	2.90	-	-	4.90	4.90	0.40	-	5.68	
5017	1.05	-	-	-	1.05	11.90	-	-	11.90	0.40	-	5.00	
237	-	-	-	1.11	1.11	-	-	4.90	4.90	0.40	-	2.18	
1426	-	-	-	1.15	1.15	-	-	4.90	4.90	0.40	-	2.25	
235	-	-	-	0.51	0.51	-	-	4.90	4.90	0.40	-	1.01	
5016	0.48	-	-	-	0.48	3.50	-	-	3.50	0.40	-	0.67	
5030	0.16	-	-	-	0.16	2.50	-	-	2.50	0.40	-	0.16	
1481	-	-	-	1.79	1.79	-	-	4.90	4.90	0.40	-	3.50	
997	-	-	-	2.32	2.32	-	-	4.90	4.90	0.40	-	4.54	
1050	-	-	-	0.93	0.93	-	-	4.90	4.90	0.40	-	1.82	
1026	-	-	-	0.29	0.29	-	-	4.90	4.90	0.40	-	0.58	
5388	7.53	-	-	-	7.53	11.16	-	-	11.16	0.40	-	33.61	
1408	-	-	-	5.88	5.88	-	-	4.90	4.90	0.40	-	11.53	
1367	-	-	-	6.72	6.72	-	-	4.90	4.90	0.40	-	13.16	
1368	-	-	-	2.16	2.16	-	-	4.90	4.90	0.40	-	4.23	
1376	-	-	-	1.91	1.91	-	-	4.90	4.90	0.40	-	3.74	
1371	-	-	-	1.37	1.37	-	-	4.90	4.90	0.40	-	2.68	
5394	2.03	-	-	-	2.03	2.70	-	-	2.70	0.40	-	2.19	
443	-	-	-	0.66	0.66	-	-	4.90	4.90	0.40	-	1.28	
1407	-	-	-	1.21	1.21	-	-	4.90	4.90	0.40	-	2.36	
1375	-	-	-	2.64	2.64	-	-	4.90	4.90	0.40	-	5.18	
1370	-	-	-	1.48	1.48	-	-	4.90	4.90	0.40	-	2.90	
1369	-	-	-	0.73	0.73	-	-	4.90	4.90	0.40	-	1.43	
1366	-	-	-	2.22	2.22	-	-	4.90	4.90	0.40	-	4.36	
1329	-	-	-	1.08	1.08	-	-	4.90	4.90	0.40	-	2.12	
446	-	-	-	0.59	0.59	-	-	4.90	4.90	0.40	-	1.15	
5389	0.14	-	-	-	0.14	2.70	-	-	2.70	0.40	-	0.15	
1345	-	-	-	5.63	5.63	-	-	4.90	4.90	0.40	-	11.04	
1335	-	-	-	2.13	2.13	-	-	4.90	4.90	0.40	-	4.17	
376	-	-	-	1.15	1.15	-	-	4.90	4.90	0.40	-	2.25	
1364	-	-	-	1.17	1.17	-	-	4.90	4.90	0.40	-	2.29	
1334	-	-	-	0.80	0.80	-	-	4.90	4.90	0.40	-	1.56	
1336	-	-	-	1.34	1.34	-	-	4.90	4.90	0.40	-	2.63	
1338	-	-	-	1.65	1.65	-	-	4.90	4.90	0.40	-	3.24	
377	-	-	-	0.57	0.57	-	-	4.90	4.90	0.40	-	1.12	
1365	-	-	-	1.24	1.24	-	-	4.90	4.90	0.40	-	2.42	
5319	0.37	-	-	-	0.37	4.60	-	-	4.60	0.40	-	0.68	
375	-	-	-	0.42	0.42	-	-	4.90	4.90	0.40	-	0.82	
1337	-	-	-	0.29	0.29	-	-	4.90	4.90	0.40	-	0.58	
5299	0.31	-	-	-	0.31	2.90	-	-	2.90	0.40	-	0.36	
5293	0.26	-	-	-	0.26	1.90	-	-	1.90	0.40	-	0.20	
352	-	-	-	0.13	0.13	-	-	4.90	4.90	0.40	-	0.26	
5297	0.21	-	-	-	0.21	2.00	-	-	2.00	0.40	-	0.17	
1331	-	-	-	0.15	0.15	-	-	4.90	4.90	0.40	-	0.30	
372	-	-	-	0.12	0.12	-	-	4.90	4.90	0.40	-	0.24	
353	-	-	-	0.20	0.20	-	-	4.90	4.90	0.40	-	0.39	
1633	-	-	-	1.70	1.70	-	-	4.90	4.90	0.40	-	3.33	
1635	-	-	-	1.78	1.78	-	-	4.90	4.90	0.40	-	3.48	
1627	-	-	-	0.95	0.95	-	-	4.90	4.90	0.40	-	1.86	
1634	-	-	-	1.42	1.42	-	-	4.90	4.90	0.40	-	2.77	
1648	-	-	-	2.00	2.00	-	-	4.90	4.90	0.40	-	3.93	
1630	-	-	-	1.43	1.43	-	-	4.90	4.90	0.40	-	2.79	
1631	-	-	-	0.65	0.65	-	-	4.90	4.90	0.40	-	1.27	
1629	-	-	-	1.34	1.34	-	-	4.90	4.90	0.40	-	2.63	
1647	-	-	-	0.24	0.24	-	-	4.90	4.90	0.40	-	0.47	
1628	-	-	-	0.40	0.40	-	-	4.90	4.90	0.40	-	0.78	
1626	-	-	-	0.31	0.31	-	-	4.90	4.90	0.40	-	0.61	
1646	-	-	-	0.29	0.29	-	-	4.90	4.90	0.40	-	0.58	
1456	-	24.67	-	-	24.67	-	-	4.90	4.90	0.40	-	48.35	
5118	0.96	-	-	-	0.96	5.80	-	-	5.80	0.40	-	2.23	
5121	1.67	-	-	-	1.67	2.80	-	-	2.80	0.40	-	1.87	
1709	-	-	-	0.42	0.42	-	-	4.90	4.90	0.40	-	0.82	
5144	0.76	-	-	-	0.76	3.60	-	-	3.60	0.40	-	1.09	
5128	1.17	-	-	-	1.17	2.00	-	-	2.00	0.40	-	0.94	
5131	0.81	-	-	-	0.81	2.60	-	-	2.60	0.40	-	0.84	
1075	-	-	-	2.04	2.04	-	-	4.90	4.90	0.40	-	4.00	
5430	0.36	-	-	-	0.36	3.20	-	-	3.20	0.40	-	0.46	

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>d</sup>	OSE Photo- Interpreted <sup>e</sup>	BIA Area- Capacity Table Data <sup>a</sup>	95% of US Survey Stereo Analyst Area <sup>f</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>d</sup>	BIA Area- Capacity Table Data <sup>a</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/OC <sup>c</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>g</sup>	BIA Area- Capacity Table Data (acre-feet) <sup>h</sup>	Adjusted Maximum Volume (acre-feet) <sup>i</sup>
	5386	1.18	-	-	-	1.18	10.40	-	-	10.40	0.40	-
5384	1.04	-	-	-	1.04	5.10	-	-	5.10	0.40	-	2.12
5380	0.78	-	-	-	0.78	6.30	-	-	6.30	0.40	-	1.97
371	-	-	-	0.63	0.63	-	-	4.90	4.90	0.40	-	1.23
5383	1.15	-	-	-	1.15	2.90	-	-	2.90	0.40	-	1.33
1770	-	-	-	0.54	0.54	-	-	4.90	4.90	0.40	-	1.06
5391	0.12	-	-	-	0.12	3.20	-	-	3.20	0.40	-	0.15
384	-	-	-	1.49	1.49	-	-	4.90	4.90	0.40	-	2.92
5354	3.94	-	-	-	3.94	2.90	-	-	2.90	0.40	-	4.57
374	-	-	-	0.95	0.95	-	-	4.90	4.90	0.40	-	1.86
1771	-	-	-	0.60	0.60	-	-	4.90	4.90	0.40	-	1.17
5358	1.16	-	-	-	1.16	2.40	-	-	2.40	0.40	-	1.11
5305	0.48	-	-	-	0.48	4.80	-	-	4.80	0.40	-	0.92
373	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.32
5294	0.27	-	-	-	0.27	1.70	-	-	1.70	0.40	-	0.18
5195	5.95	-	-	-	5.95	10.50	-	-	10.50	0.40	-	24.99
813	-	-	-	4.07	4.07	-	-	4.90	4.90	0.40	-	7.97
689	-	-	-	3.36	3.36	-	-	4.90	4.90	0.40	-	6.59
5262	4.16	-	-	-	4.16	7.50	-	-	7.50	0.40	-	12.48
700	-	-	-	2.96	2.96	-	-	4.90	4.90	0.40	-	5.81
688	-	-	-	2.75	2.75	-	-	4.90	4.90	0.40	-	5.38
594	-	-	-	5.67	5.67	-	-	4.90	4.90	0.40	-	11.12
687	-	-	-	4.03	4.03	-	-	4.90	4.90	0.40	-	7.89
5189	1.48	-	-	-	1.48	8.80	-	-	8.80	0.40	-	5.21
684	-	-	-	3.34	3.34	-	-	4.90	4.90	0.40	-	6.55
811	-	-	-	3.25	3.25	-	-	4.90	4.90	0.40	-	6.37
685	-	-	-	1.37	1.37	-	-	4.90	4.90	0.40	-	2.68
591	-	-	-	1.71	1.71	-	-	4.90	4.90	0.40	-	3.35
812	-	-	-	2.01	2.01	-	-	4.90	4.90	0.40	-	3.95
610	-	-	-	0.92	0.92	-	-	4.90	4.90	0.40	-	1.81
5280	0.59	-	-	-	0.59	5.70	-	-	5.70	0.40	-	1.35
609	-	-	-	0.56	0.56	-	-	4.90	4.90	0.40	-	1.10
5185	1.63	-	-	-	1.63	1.80	-	-	1.80	0.40	-	1.17
593	-	-	-	0.76	0.76	-	-	4.90	4.90	0.40	-	1.49
611	-	-	-	0.71	0.71	-	-	4.90	4.90	0.40	-	1.40
1768	-	-	-	0.61	0.61	-	-	4.90	4.90	0.40	-	1.19
5183	0.32	-	-	-	0.32	5.80	-	-	5.80	0.40	-	0.74
5250	0.41	-	-	-	0.41	2.10	-	-	2.10	0.40	-	0.34
5213	0.18	-	-	-	0.18	2.20	-	-	2.20	0.40	-	0.16
5188	0.08	-	-	-	0.08	2.60	-	-	2.60	0.40	-	0.08
234	-	1.26	-	-	1.26	-	-	4.90	4.90	0.40	-	2.47
230	-	9.63	-	-	9.63	-	-	4.90	4.90	0.40	-	18.87
233	-	0.71	-	-	0.71	-	-	4.90	4.90	0.40	-	1.39
810	-	1.26	-	-	1.26	-	-	4.90	4.90	0.40	-	2.47
232	-	-	-	3.58	3.58	-	-	4.90	4.90	0.40	-	7.02
1743	-	-	-	1.84	1.84	-	-	4.90	4.90	0.40	-	3.61
231	-	-	-	0.53	0.53	-	-	4.90	4.90	0.40	-	1.04
5052	0.35	-	-	-	0.35	3.50	-	-	3.50	0.40	-	0.49
278	-	-	-	3.09	3.09	-	-	4.90	4.90	0.40	-	6.05
1746	-	-	-	3.13	3.13	-	-	4.90	4.90	0.40	-	6.13
5097	0.97	-	-	-	0.97	11.80	-	-	11.80	0.40	-	4.58
657	-	-	-	2.27	2.27	-	-	4.90	4.90	0.40	-	4.45
5112	0.80	-	-	-	0.80	6.23	-	-	6.23	0.40	-	1.99
282	-	-	-	0.69	0.69	-	-	4.90	4.90	0.40	-	1.36
5146	0.88	-	-	-	0.88	3.40	-	-	3.40	0.40	-	1.20
5103	0.53	-	-	-	0.53	2.90	-	-	2.90	0.40	-	0.61
1745	-	-	-	0.60	0.60	-	-	4.90	4.90	0.40	-	1.17
5139	0.15	-	-	-	0.15	2.00	-	-	2.00	0.40	-	0.12
1742	-	1.23	-	-	1.23	-	-	4.90	4.90	0.40	-	2.41
281	-	-	-	1.27	1.27	-	-	4.90	4.90	0.40	-	2.50
283	-	-	-	0.82	0.82	-	-	4.90	4.90	0.40	-	1.60
5147	0.14	-	-	-	0.14	4.40	-	-	4.40	0.40	-	0.25
468	-	13.70	-	-	13.70	-	-	4.90	4.90	0.40	-	26.85
178	-	7.72	-	-	7.72	-	-	4.90	4.90	0.40	-	15.13
325	-	-	-	4.50	4.50	-	-	4.90	4.90	0.40	-	8.83
1415	-	0.00	-	-	0.00	-	-	4.90	4.90	0.40	-	0.00
671	-	-	-	1.76	1.76	-	-	4.90	4.90	0.40	-	3.44
674	-	-	-	4.56	4.56	-	-	4.90	4.90	0.40	-	8.94
286	-	-	-	3.78	3.78	-	-	4.90	4.90	0.40	-	7.41
1063	-	-	-	2.26	2.26	-	-	4.90	4.90	0.40	-	4.43
658	-	-	-	2.20	2.20	-	-	4.90	4.90	0.40	-	4.32
475	-	-	-	0.82	0.82	-	-	4.90	4.90	0.40	-	1.60

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet					Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>d</sup>	OSE Photo-Interpreted <sup>d</sup>	BIA Area-Capacity Table Data <sup>a</sup>	95% of US Survey Stereo Analyst Area <sup>a</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>d</sup>	BIA Area-Capacity Table Data <sup>a</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>e</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>f</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>1</sup>	Adjusted Maximum Volume (acre-feet) <sup>1</sup>	
	669	-	-	-	1.80	1.80	-	-	4.90	4.90	0.40	-	3.52
324	-	-	-	1.01	1.01	-	-	4.90	4.90	0.40	-	1.97	
1458	-	-	-	0.93	0.93	-	-	4.90	4.90	0.40	-	1.82	
5064	1.02	-	-	-	1.02	5.90	-	-	5.90	0.40	-	2.41	
5058	1.38	-	-	-	1.38	4.20	-	-	4.20	0.40	-	2.32	
284	-	-	-	0.77	0.77	-	-	4.90	4.90	0.40	-	1.51	
661	-	-	-	3.71	3.71	-	-	4.90	4.90	0.40	-	7.28	
285	-	-	-	0.86	0.86	-	-	4.90	4.90	0.40	-	1.69	
5075	1.21	-	-	-	1.21	4.00	-	-	4.00	0.40	-	1.94	
323	-	-	-	0.58	0.58	-	-	4.90	4.90	0.40	-	1.14	
5059	0.72	-	-	-	0.72	5.00	-	-	5.00	0.40	-	1.44	
668	-	-	-	0.67	0.67	-	-	4.90	4.90	0.40	-	1.32	
670	-	-	-	1.02	1.02	-	-	4.90	4.90	0.40	-	1.99	
1731	-	-	-	1.34	1.34	-	-	4.90	4.90	0.40	-	2.63	
5192	11.24	-	-	-	11.24	7.54	-	-	7.54	0.40	-	33.90	
342	-	-	-	6.15	6.15	-	-	4.90	4.90	0.40	-	12.05	
343	-	-	-	3.07	3.07	-	-	4.90	4.90	0.40	-	6.01	
5233	6.60	-	-	-	6.60	6.70	-	-	6.70	0.40	-	17.69	
5241	4.34	-	-	-	4.34	10.00	-	-	10.00	0.40	-	17.36	
348	-	-	-	3.78	3.78	-	-	4.90	4.90	0.40	-	7.41	
350	-	-	-	2.46	2.46	-	-	4.90	4.90	0.40	-	4.82	
345	-	-	-	2.39	2.39	-	-	4.90	4.90	0.40	-	4.69	
349	-	-	-	1.76	1.76	-	-	4.90	4.90	0.40	-	3.44	
346	-	-	-	2.41	2.41	-	-	4.90	4.90	0.40	-	4.73	
5190	1.08	-	-	-	1.08	6.60	-	-	6.60	0.40	-	2.85	
344	-	-	-	1.75	1.75	-	-	4.90	4.90	0.40	-	3.43	
341	-	-	-	0.90	0.90	-	-	4.90	4.90	0.40	-	1.77	
5187	0.21	-	-	-	0.21	3.30	-	-	3.30	0.40	-	0.28	
5232	0.40	-	-	-	0.40	1.10	-	-	1.10	0.40	-	0.18	
5209	0.19	-	-	-	0.19	2.30	-	-	2.30	0.40	-	0.17	
976	-	-	-	3.98	3.98	-	-	4.90	4.90	0.40	-	7.80	
978	-	-	-	3.16	3.16	-	-	4.90	4.90	0.40	-	6.20	
1655	-	-	-	0.42	0.42	-	-	4.90	4.90	0.40	-	0.82	
977	-	-	-	0.27	0.27	-	-	4.90	4.90	0.40	-	0.52	
1251	-	-	-	6.96	6.96	-	-	4.90	4.90	0.40	-	13.65	
5151	0.24	-	-	-	0.24	5.90	-	-	5.90	0.40	-	0.57	
5138	0.23	-	-	-	0.23	2.60	-	-	2.60	0.40	-	0.24	
1133	-	0.00	-	-	0.00	-	-	4.90	4.90	0.40	-	0.00	
1134	-	-	-	2.40	2.40	-	-	4.90	4.90	0.40	-	4.71	
1135	-	-	-	4.66	4.66	-	-	4.90	4.90	0.40	-	9.12	
1122	-	-	-	1.55	1.55	-	-	4.90	4.90	0.40	-	3.04	
1236	-	-	-	1.18	1.18	-	-	4.90	4.90	0.40	-	2.31	
1132	-	-	-	0.79	0.79	-	-	4.90	4.90	0.40	-	1.55	
1237	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.93	
1217	-	0.86	-	-	0.86	-	-	4.90	4.90	0.40	-	1.69	
1821	-	-	-	2.51	2.51	-	-	4.90	4.90	0.40	-	4.92	
1772	-	3.22	-	-	3.22	-	-	4.90	4.90	0.40	-	6.31	
1203	-	-	-	2.84	2.84	-	-	4.90	4.90	0.40	-	5.57	
1822	-	-	-	1.83	1.83	-	-	4.90	4.90	0.40	-	3.59	
5011	2.79	-	-	-	2.79	6.20	-	-	6.20	0.40	-	6.92	
1214	-	-	-	1.90	1.90	-	-	4.90	4.90	0.40	-	3.72	
1202	-	-	-	2.11	2.11	-	-	4.90	4.90	0.40	-	4.13	
5009	1.82	-	-	-	1.82	6.60	-	-	6.60	0.40	-	4.80	
1213	-	-	-	1.94	1.94	-	-	4.90	4.90	0.40	-	3.80	
1222	-	-	-	1.91	1.91	-	-	4.90	4.90	0.40	-	3.74	
5008	2.02	-	-	-	2.02	5.10	-	-	5.10	0.40	-	4.12	
1215	-	-	-	1.51	1.51	-	-	4.90	4.90	0.40	-	2.96	
1209	-	-	-	0.59	0.59	-	-	4.90	4.90	0.40	-	1.15	
1234	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.05	
1773	-	-	-	0.32	0.32	-	-	4.90	4.90	0.40	-	0.63	
1169	-	-	-	0.36	0.36	-	-	4.90	4.90	0.40	-	0.71	
1225	-	-	-	0.55	0.55	-	-	4.90	4.90	0.40	-	1.08	
1231	-	-	-	0.47	0.47	-	-	4.90	4.90	0.40	-	0.91	
1230	-	-	-	0.33	0.33	-	-	4.90	4.90	0.40	-	0.65	
1204	-	-	-	0.20	0.20	-	-	4.90	4.90	0.40	-	0.39	
1229	-	-	-	0.24	0.24	-	-	4.90	4.90	0.40	-	0.47	
1228	-	-	-	0.35	0.35	-	-	4.90	4.90	0.40	-	0.69	
1227	-	-	-	0.24	0.24	-	-	4.90	4.90	0.40	-	0.47	
1207	-	-	-	0.13	0.13	-	-	4.90	4.90	0.40	-	0.26	
1233	-	-	-	0.05	0.05	-	-	4.90	4.90	0.40	-	0.09	
1226	-	-	-	0.21	0.21	-	-	4.90	4.90	0.40	-	0.41	
163	-	-	-	3.85	3.85	-	-	4.90	4.90	0.40	-	7.54	



Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
	152	-	-	-	2.32	2.32	-	-	4.90	4.90	0.40	-
18	-	9.49	-	-	9.49	-	-	4.90	4.90	0.40	-	18.60
5010	10.38	-	-	-	10.38	3.50	-	-	3.50	0.40	-	14.53
5012	5.59	-	-	-	5.59	4.60	-	-	4.60	0.40	-	10.29
1753	-	-	-	5.00	5.00	-	-	4.90	4.90	0.40	-	9.79
158	-	-	-	3.57	3.57	-	-	4.90	4.90	0.40	-	7.00
5013	2.52	-	-	-	2.52	3.90	-	-	3.90	0.40	-	3.93
145	-	-	-	2.01	2.01	-	-	4.90	4.90	0.40	-	3.95
157	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.07
149	-	-	-	0.73	0.73	-	-	4.90	4.90	0.40	-	1.43
198	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.93
151	-	-	-	0.19	0.19	-	-	4.90	4.90	0.40	-	0.37
28	-	-	-	0.21	0.21	-	-	4.90	4.90	0.40	-	0.41
1088	-	-	-	0.97	0.97	-	-	4.90	4.90	0.40	-	1.90
1294	-	-	-	3.43	3.43	-	-	4.90	4.90	0.40	-	6.72
5160	1.31	-	-	-	1.31	10.80	-	-	10.80	0.40	-	5.66
1293	-	-	-	1.92	1.92	-	-	4.90	4.90	0.40	-	3.76
1297	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.05
1292	-	-	-	1.53	1.53	-	-	4.90	4.90	0.40	-	3.00
1219	-	-	-	4.57	4.57	-	-	4.90	4.90	0.40	-	8.96
1188	-	-	-	3.97	3.97	-	-	4.90	4.90	0.40	-	7.78
1197	-	-	-	1.93	1.93	-	-	4.90	4.90	0.40	-	3.78
1199	-	-	-	2.80	2.80	-	-	4.90	4.90	0.40	-	5.49
1198	-	-	-	2.67	2.67	-	-	4.90	4.90	0.40	-	5.23
5001	1.38	-	-	-	1.38	7.90	-	-	7.90	0.40	-	4.36
1220	-	-	-	1.59	1.59	-	-	4.90	4.90	0.40	-	3.11
1778	-	-	-	0.80	0.80	-	-	4.90	4.90	0.40	-	1.56
1187	-	-	-	0.27	0.27	-	-	4.90	4.90	0.40	-	0.52
5110	6.21	-	-	-	6.21	13.40	-	-	13.40	0.40	-	33.29
1252	-	-	-	2.07	2.07	-	-	4.90	4.90	0.40	-	4.06
1388	-	-	-	2.88	2.88	-	-	4.90	4.90	0.40	-	5.64
5141	2.57	-	-	-	2.57	5.00	-	-	5.00	0.40	-	5.14
5136	1.10	-	-	-	1.10	4.70	-	-	4.70	0.40	-	2.07
5137	0.36	-	-	-	0.36	7.00	-	-	7.00	0.40	-	1.01
5130	0.78	-	-	-	0.78	3.10	-	-	3.10	0.40	-	0.97
1273	-	-	-	0.51	0.51	-	-	4.90	4.90	0.40	-	1.01
5093	0.60	-	-	-	0.60	2.70	-	-	2.70	0.40	-	0.65
5129	0.28	-	-	-	0.28	5.50	-	-	5.50	0.40	-	0.62
5143	0.20	-	-	-	0.20	6.40	-	-	6.40	0.40	-	0.51
5142	0.13	-	-	-	0.13	4.20	-	-	4.20	0.40	-	0.22
5100	0.28	-	-	-	0.28	2.00	-	-	2.00	0.40	-	0.22
5098	0.13	-	-	-	0.13	2.40	-	-	2.40	0.40	-	0.12
5145	0.88	-	-	-	0.88	4.00	-	-	4.00	0.40	-	1.41
41	-	27.30	-	-	27.30	-	-	4.90	4.90	0.40	-	53.51
1264	-	-	-	2.29	2.29	-	-	4.90	4.90	0.40	-	4.49
1267	-	-	-	4.80	4.80	-	-	4.90	4.90	0.40	-	9.40
1780	-	-	-	3.31	3.31	-	-	4.90	4.90	0.40	-	6.48
1779	-	-	-	1.59	1.59	-	-	4.90	4.90	0.40	-	3.11
1265	-	-	-	0.85	0.85	-	-	4.90	4.90	0.40	-	1.66
1377	-	-	-	0.88	0.88	-	-	4.90	4.90	0.40	-	1.73
1247	-	-	-	0.99	0.99	-	-	4.90	4.90	0.40	-	1.94
1154	-	-	-	0.91	0.91	-	-	4.90	4.90	0.40	-	1.79
1262	-	-	-	0.57	0.57	-	-	4.90	4.90	0.40	-	1.12
5087	0.98	-	-	-	0.98	1.40	-	-	1.40	0.40	-	0.55
5086	0.38	-	-	-	0.38	1.40	-	-	1.40	0.40	-	0.21
5050	0.15	-	-	-	0.15	2.20	-	-	2.20	0.40	-	0.13
1031	-	8.40	-	-	8.40	-	-	4.90	4.90	0.40	-	16.46
915	-	12.50	-	-	12.50	-	-	4.90	4.90	0.40	-	24.50
910	-	-	-	7.32	7.32	-	-	4.90	4.90	0.40	-	14.36
1032	-	-	-	4.68	4.68	-	-	4.90	4.90	0.40	-	9.18
1682	-	-	-	1.41	1.41	-	-	4.90	4.90	0.40	-	2.76
1725	-	-	-	1.05	1.05	-	-	4.90	4.90	0.40	-	2.07
1030	-	-	-	1.16	1.16	-	-	4.90	4.90	0.40	-	2.27
1034	-	-	-	0.48	0.48	-	-	4.90	4.90	0.40	-	0.95
1724	-	-	-	1.20	1.20	-	-	4.90	4.90	0.40	-	2.35
1022	-	-	-	0.42	0.42	-	-	4.90	4.90	0.40	-	0.82
1680	-	-	-	0.43	0.43	-	-	4.90	4.90	0.40	-	0.84
914	-	-	-	0.63	0.63	-	-	4.90	4.90	0.40	-	1.23
1024	-	-	-	0.73	0.73	-	-	4.90	4.90	0.40	-	1.43
1033	-	-	-	1.71	1.71	-	-	4.90	4.90	0.40	-	3.35
1681	-	-	-	0.20	0.20	-	-	4.90	4.90	0.40	-	0.39
1721	-	-	-	0.37	0.37	-	-	4.90	4.90	0.40	-	0.73

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth In Feet				Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NHIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>
	1723	-	-	-	0.23	0.23	-	-	4.90	4.90	0.40	-
1546	-	-	-	1.51	1.51	-	-	4.90	4.90	0.40	-	2.96
1545	-	-	-	0.45	0.45	-	-	4.90	4.90	0.40	-	0.88
1333	-	5.88	-	-	5.88	-	-	4.90	4.90	0.40	-	11.52
40	-	18.44	-	-	18.44	-	-	4.90	4.90	0.40	-	36.14
1342	-	-	-	5.66	5.66	-	-	4.90	4.90	0.40	-	11.10
5367	6.55	-	-	-	6.55	4.60	-	-	4.60	0.40	-	12.05
1372	-	-	-	7.40	7.40	-	-	4.90	4.90	0.40	-	14.50
1325	-	1.06	-	-	1.06	-	-	4.90	4.90	0.40	-	2.08
1782	-	-	-	1.02	1.02	-	-	4.90	4.90	0.40	-	1.99
1373	-	-	-	1.74	1.74	-	-	4.90	4.90	0.40	-	3.41
1341	-	-	-	1.03	1.03	-	-	4.90	4.90	0.40	-	2.01
1328	-	-	-	4.99	4.99	-	-	4.90	4.90	0.40	-	9.78
1332	-	-	-	1.34	1.34	-	-	4.90	4.90	0.40	-	2.63
1363	-	-	-	2.31	2.31	-	-	4.90	4.90	0.40	-	4.52
1362	-	-	-	0.55	0.55	-	-	4.90	4.90	0.40	-	1.08
1340	-	-	-	0.31	0.31	-	-	4.90	4.90	0.40	-	0.61
1316	-	-	-	0.27	0.27	-	-	4.90	4.90	0.40	-	0.52
1374	-	-	-	0.60	0.60	-	-	4.90	4.90	0.40	-	1.17
5366	0.24	-	-	-	0.24	3.00	-	-	3.00	0.40	-	0.29
1344	-	-	-	0.20	0.20	-	-	4.90	4.90	0.40	-	0.39
1129	-	-	-	2.57	2.57	-	-	4.90	4.90	0.40	-	5.05
5223	0.22	-	-	-	0.22	1.00	-	-	1.00	0.40	-	0.09
211	-	-	-	0.37	0.37	-	-	4.90	4.90	0.40	-	0.73
698	-	-	-	3.85	3.85	-	-	4.90	4.90	0.40	-	7.54
988	-	67.85	-	-	67.85	-	-	4.90	4.90	0.40	-	132.99
5116	0.35	-	-	-	0.35	1.70	-	-	1.70	0.40	-	0.24
378	-	-	-	2.17	2.17	-	-	4.90	4.90	0.40	-	4.25
809	-	-	-	1.07	1.07	-	-	4.90	4.90	0.40	-	2.10
1414	-	-	-	1.46	1.46	-	-	4.90	4.90	0.40	-	2.87
5242	2.78	-	-	-	2.78	14.10	-	-	14.10	0.40	-	15.68
773	-	-	-	2.15	2.15	-	-	6.30	6.30	0.40	-	5.41
5244	0.42	-	-	-	0.42	5.60	-	-	5.60	0.40	-	0.94
5272	0.64	-	-	-	0.64	3.10	-	-	3.10	0.40	-	0.79
768	-	-	-	0.94	0.94	-	-	6.30	6.30	0.40	-	2.37
5258	0.40	-	-	-	0.40	3.10	-	-	3.10	0.40	-	0.50
5255	0.47	-	-	-	0.47	2.40	-	-	2.40	0.40	-	0.45
834	-	-	-	0.25	0.25	-	-	6.30	6.30	0.40	-	0.62
5300	0.85	-	-	-	0.85	5.20	-	-	5.20	0.40	-	1.77
787	-	-	-	0.29	0.29	-	-	6.30	6.30	0.40	-	0.72
633	-	-	-	3.43	3.43	-	-	6.30	6.30	0.40	-	8.64
366	-	-	-	5.17	5.17	-	-	6.30	6.30	0.40	-	13.02
5373	2.28	-	-	-	2.28	3.70	-	-	3.70	0.40	-	3.37
365	-	-	-	1.34	1.34	-	-	6.30	6.30	0.40	-	3.38
5378	1.27	-	-	-	1.27	5.30	-	-	5.30	0.40	-	2.69
5393	0.94	-	-	-	0.94	3.50	-	-	3.50	0.40	-	1.32
5314	4.35	-	-	-	4.35	8.10	-	-	8.10	0.40	-	14.09
5351	1.86	-	-	-	1.86	17.20	-	-	17.20	0.40	-	12.80
5307	3.01	-	-	-	3.01	9.60	-	-	9.60	0.40	-	11.56
5291	2.73	-	-	-	2.73	10.40	-	-	10.40	0.40	-	11.36
5304	3.05	-	-	-	3.05	8.10	-	-	8.10	0.40	-	9.88
5329	1.46	-	-	-	1.46	8.00	-	-	8.00	0.40	-	4.67
5292	1.19	-	-	-	1.19	8.20	-	-	8.20	0.40	-	3.90
794	-	-	-	2.80	2.80	-	-	6.30	6.30	0.40	-	7.06
795	-	-	-	3.14	3.14	-	-	6.30	6.30	0.40	-	7.90
5326	1.35	-	-	-	1.35	6.10	-	-	6.10	0.40	-	3.29
5295	0.99	-	-	-	0.99	7.90	-	-	7.90	0.40	-	3.13
5339	0.69	-	-	-	0.69	9.90	-	-	9.90	0.40	-	2.73
5335	1.17	-	-	-	1.17	5.20	-	-	5.20	0.40	-	2.43
5322	0.85	-	-	-	0.85	6.40	-	-	6.40	0.40	-	2.18
5303	1.26	-	-	-	1.26	4.30	-	-	4.30	0.40	-	2.17
5302	0.60	-	-	-	0.60	8.86	-	-	8.86	0.40	-	2.13
5288	0.35	-	-	-	0.35	11.40	-	-	11.40	0.40	-	1.60
825	-	-	-	0.42	0.42	-	-	6.30	6.30	0.40	-	1.05
5338	0.39	-	-	-	0.39	8.80	-	-	8.80	0.40	-	1.37
788	-	-	-	0.49	0.49	-	-	6.30	6.30	0.40	-	1.24
5312	0.34	-	-	-	0.34	8.20	-	-	8.20	0.40	-	1.12
839	-	-	-	0.46	0.46	-	-	6.30	6.30	0.40	-	1.15
5347	0.27	-	-	-	0.27	9.20	-	-	9.20	0.40	-	0.99
833	-	-	-	0.62	0.62	-	-	6.30	6.30	0.40	-	1.56
5289	0.30	-	-	-	0.30	6.00	-	-	6.00	0.40	-	0.72
5285	0.52	-	-	-	0.52	3.30	-	-	3.30	0.40	-	0.69

Table E-2. Adjustments to Maximum Areas and Storage Volumes for Stock Ponds on Navajo Lands in the San Juan River Basin in New Mexico Claimed by the US Survey

Reservoir Site Number (P-xxxx)	Adjusted Maximum Area in Acres					Adjusted Maximum Depth in Feet					Adjusted Maximum Storage Volume		
	US Survey Field Measured <sup>1</sup>	OSE Photo-Interpreted <sup>2</sup>	BIA Area-Capacity Table Data <sup>3</sup>	95% of US Survey Stereo Analyst Area <sup>4</sup>	Adjusted Maximum Area	US Survey Field Measured <sup>1</sup>	BIA Area-Capacity Table Data <sup>3</sup>	4.9 In-Channel, 6.3 NIIP-IC, 3.9 Well/Spring, 5.5 Diversion/QC <sup>5</sup>	Adjusted Maximum Depth	Reservoir Shape Factor: 0.4 In-Channel, 0.6 Other <sup>6</sup>	BIA Area-Capacity Table Data (acre-feet) <sup>3</sup>	Adjusted Maximum Volume (acre-feet) <sup>7</sup>	
	789	-	-	-	0.52	0.52	-	-	6.30	6.30	0.40	-	1.32
790	-	-	-	0.46	0.46	-	-	6.30	6.30	0.40	-	1.15	
5281	0.39	-	-	-	0.39	3.80	-	-	3.80	0.40	-	0.59	
5287	0.24	-	-	-	0.24	5.40	-	-	5.40	0.40	-	0.52	
5286	0.21	-	-	-	0.21	5.60	-	-	5.60	0.40	-	0.47	
5359	0.21	-	-	-	0.21	4.10	-	-	4.10	0.40	-	0.34	
785	-	-	-	0.26	0.26	-	-	6.30	6.30	0.40	-	0.65	
5321	0.27	-	-	-	0.27	1.50	-	-	1.50	0.40	-	0.16	
5360	0.11	-	-	-	0.11	2.10	-	-	2.10	0.40	-	0.09	
5356	0.03	-	-	-	0.03	4.30	-	-	4.30	0.40	-	0.05	
808	-	-	-	6.42	6.42	-	-	6.30	6.30	0.40	-	16.18	
5301	2.78	-	-	-	2.78	15.40	-	-	15.40	0.40	-	17.12	
697	-	-	-	2.03	2.03	-	-	6.30	6.30	0.40	-	5.12	
803	-	-	-	3.27	3.27	-	-	6.30	6.30	0.40	-	8.24	
806	-	-	-	0.85	0.85	-	-	6.30	6.30	0.40	-	2.13	
5283	0.64	-	-	-	0.64	1.70	-	-	1.70	0.40	-	0.44	
5328	0.48	-	-	-	0.48	1.10	-	-	1.10	0.40	-	0.21	
5376	1.93	-	-	-	1.93	8.50	-	-	8.50	0.40	-	6.56	
5377	0.56	-	-	-	0.56	4.00	-	-	4.00	0.40	-	0.90	
814	-	-	-	7.25	7.25	-	-	6.30	6.30	0.40	-	18.27	
5361	1.55	-	-	-	1.55	4.10	-	-	4.10	0.40	-	2.54	
816	-	-	-	1.63	1.63	-	-	6.30	6.30	0.40	-	4.12	
5311	0.63	-	-	-	0.63	4.90	-	-	4.90	0.40	-	1.23	
5357	0.25	-	-	-	0.25	8.00	-	-	8.00	0.40	-	0.80	
623	-	-	-	0.48	0.48	-	-	6.30	6.30	0.40	-	1.22	
5352	9.34	-	-	-	9.34	2.80	-	-	2.80	0.40	-	10.46	
5330	2.74	-	-	-	2.74	4.00	-	-	4.00	0.40	-	4.38	
5316	2.17	-	-	-	2.17	4.00	-	-	4.00	0.40	-	3.47	
5344	0.75	-	-	-	0.75	11.30	-	-	11.30	0.40	-	3.39	
367	-	-	-	1.08	1.08	-	-	6.30	6.30	0.40	-	2.73	
361	-	-	-	2.44	2.44	-	-	6.30	6.30	0.40	-	6.15	
368	-	-	-	1.19	1.19	-	-	6.30	6.30	0.40	-	2.99	
370	-	-	-	1.25	1.25	-	-	6.30	6.30	0.40	-	3.16	
354	-	-	-	1.05	1.05	-	-	6.30	6.30	0.40	-	2.63	
355	-	-	-	0.56	0.56	-	-	6.30	6.30	0.40	-	1.41	
5353	0.78	-	-	-	0.78	3.70	-	-	3.70	0.40	-	1.15	
5318	0.58	-	-	-	0.58	4.00	-	-	4.00	0.40	-	0.93	
356	-	-	-	1.09	1.09	-	-	6.30	6.30	0.40	-	2.75	
382	-	-	-	0.21	0.21	-	-	6.30	6.30	0.40	-	0.53	
5216	0.73	-	-	-	0.73	7.10	-	-	7.10	0.40	-	2.07	
5296	0.22	-	-	-	0.22	3.20	-	-	3.20	0.40	-	0.28	
5346	-	-	-	-	-	-	-	-	-	-	-	-	
5350	-	-	-	-	-	-	-	-	-	-	-	-	
458	-	-	-	0.08	0.08	-	-	5.50	5.50	0.60	-	0.25	
411	-	-	-	0.79	0.79	-	-	5.50	5.50	0.60	-	2.60	
852	-	-	-	0.94	0.94	-	-	5.50	5.50	0.60	-	3.10	
844	-	-	-	0.36	0.36	-	-	5.50	5.50	0.60	-	1.19	
777	-	-	-	0.27	0.27	-	-	5.50	5.50	0.60	-	0.88	
413	-	-	-	1.10	1.10	-	-	5.50	5.50	0.60	-	3.64	
1171	-	-	-	0.83	0.83	-	-	5.50	5.50	0.60	-	2.73	
1184	-	-	-	0.37	0.37	-	-	5.50	5.50	0.60	-	1.22	
153	-	-	-	0.41	0.41	-	-	5.50	5.50	0.60	-	1.35	
881	-	-	-	1.47	1.47	-	-	5.50	5.50	0.60	-	4.86	
1008	-	-	-	1.04	1.04	-	-	5.50	5.50	0.60	-	3.42	
989	-	-	-	0.22	0.22	-	-	5.50	5.50	0.60	-	0.72	
1280	-	-	-	0.37	0.37	-	-	5.50	5.50	0.60	-	1.22	
660	-	-	-	0.76	0.76	-	-	5.50	5.50	0.60	-	2.51	
208	-	-	-	0.35	0.35	-	-	5.50	5.50	0.60	-	1.16	
197	-	-	-	0.76	0.76	-	-	5.50	5.50	0.60	-	2.51	
5172	0.10	-	-	-	0.10	4.50	-	-	4.50	0.60	-	0.27	
5174	0.04	-	-	-	0.04	3.87	-	-	3.87	0.60	-	0.09	
528	-	-	-	0.33	0.33	-	-	3.90	3.90	0.60	-	0.78	
1738	-	-	-	0.18	0.18	-	-	3.90	3.90	0.60	-	0.42	
1737	-	-	-	0.12	0.12	-	-	3.90	3.90	0.60	-	0.29	
606	-	-	-	0.10	0.10	-	-	3.90	3.90	0.60	-	0.22	
1736	-	-	-	0.10	0.10	-	-	3.90	3.90	0.60	-	0.22	
466	-	-	-	0.27	0.27	-	-	3.90	3.90	0.60	-	0.62	
459	-	-	-	0.09	0.09	-	-	3.90	3.90	0.60	-	0.20	
1820	-	-	-	6.94	6.94	-	-	3.90	3.90	0.60	-	16.25	
205	-	-	-	0.29	0.29	-	-	3.90	3.90	0.60	-	0.69	
1752	-	-	-	0.25	0.25	-	-	3.90	3.90	0.60	-	0.58	
206	-	-	-	0.12	0.12	-	-	3.90	3.90	0.60	-	0.29	