

EXHIBIT 7.1.1.1A

**AVAILABLE UPON REQUEST AT THE
ATTORNEY GENERAL'S OFFICE**

Inventory of All Irrigation Uses - Navajo

EXHIBIT 7.1.1.1B

**AVAILABLE UPON REQUEST AT THE
ATTORNEY GENERAL'S OFFICE**

Inventory of All Irrigation Uses - Hopi Tribe

EXHIBIT 7.1.1.2A

**AVAILABLE UPON REQUEST AT THE
ATTORNEY GENERAL'S OFFICE**

Table of All Navajo Nation Designated Historic Irrigation Projects

EXHIBIT 7.1.1.2B

**AVAILABLE UPON REQUEST AT THE
ATTORNEY GENERAL'S OFFICE**

Table of All Hopi Tribe Designated Historic Irrigation Projects

EXHIBIT 7.1.1.2C

ATTACHED

EXHIBIT 7.1.1.2C

Table of All Joint Navajo Nation and
Hopi Tribe Historic Irrigation Projects

EXHIBIT 7.1.1.2.C

Joint Navajo-Hopi Designated Historic Irrigation Projects

Managed Wash	Project	Historic Designated Acreage	Storage (Yes or No)
Moenkopi	Kerley Valley	Navajo 492*	No
		Hopi 200*	No
Dinnebito	Lower Dinnebito	Navajo 125	No
		Hopi 125	No
Oraibi	Oraibi Delta	Navajo 600	No
		Hopi 400	No
Polacca	Polacca Delta	Navajo 500	No
		Hopi 500	No
Polacca	Polacca Wash #1 (PW1)	Navajo 194	No
		Hopi 291	No
Total		Navajo 1,911	
		Hopi 1,516	
<p>* These Navajo and Hopi acreages are based on the Bureau of Indian Affairs Land Use Permit maps dated 1956. These numbers may be altered by mutual agreement of the Tribes in the event of improved information.</p>			

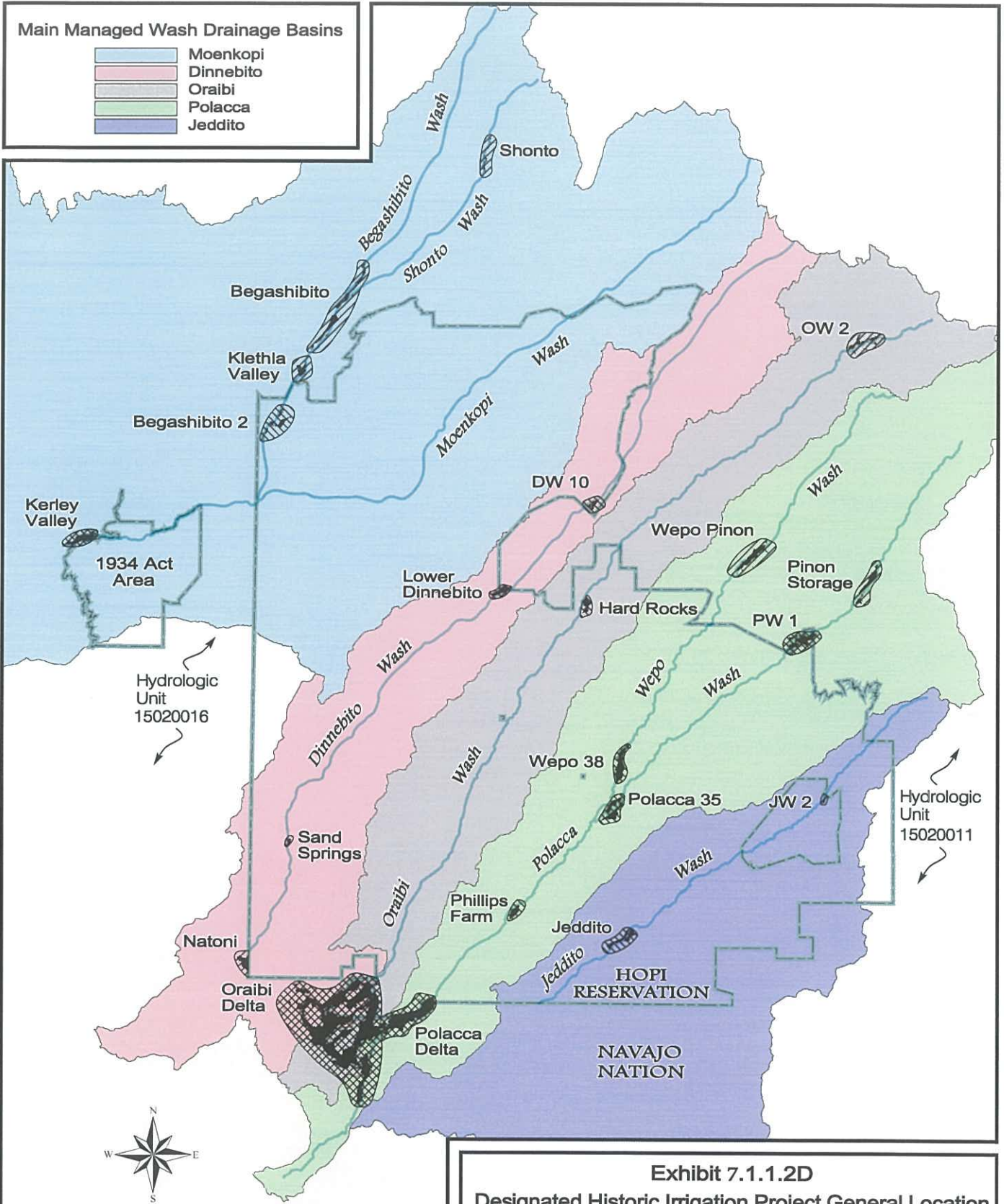
EXHIBIT 7.1.1.2D

ATTACHED

EXHIBIT 7.1.1.2D
Designated Historic Irrigation Projects
(Managed Washes) Figure

Main Managed Wash Drainage Basins

- Moenkopi
- Dinnebito
- Oraibi
- Polacca
- Jeddito



Note:
Drainage basin boundaries are from the Natural Resources Conservation Service (NRCS) digital hydrologic unit boundary layer to the 5th level for the State of Arizona.

**Exhibit 7.1.1.2D
Designated Historic Irrigation Project General Location**

- All-Hopi Designated Project
- All-Navajo Designated Project
- Joint Navajo-Hopi Designated Project
- Irrigated Lands (BIA 2001) within Designated Project
- Managed Washes

EXHIBIT 7.1.2.3

ATTACHED

EXHIBIT 7.1.2.3

Table of Aggregate Capacity of
Surface Water Impoundments by
Main Wash Drainage

EXHIBIT 7.1.2.3

**Aggregate Capacity of Surface Water Impoundments by Main Wash
Drainage**

Main Wash Drainage	Hopi (ac-ft)	Navajo (ac-ft)
Dinnebito	983	184
Jeddito	650	133
Moenkopi	1088	2,597
Oraibi	872	215
Polacca	1,164	704
Total	4,757	3,833

Notes:

1) Data for Hopi Impoundments derived from Hopi Second Amended Statement of Claimant submitted on November 12, 2009.

2) Data for Navajo Impoundments from Navajo Nation from their hydrographic survey.

3) Capacity for all Impoundments calculated by:

$$\text{Length} \times \text{Width} \times \text{Depth} \times 0.4 = \text{Capacity}$$

4) Hopi and Navajo Impoundments within the Pueblo Colorado Wash – Cottonwood Wash basin (designated by the NRCS as Hydrologic Unit 15020011) and Hopi Impoundments within the Lower Little Colorado River sub-basin (designated by the NRCS as Hydrologic Unit 15020016) are not included on this table because these basins and sub-basins do not contribute flows to the five Main Washes.

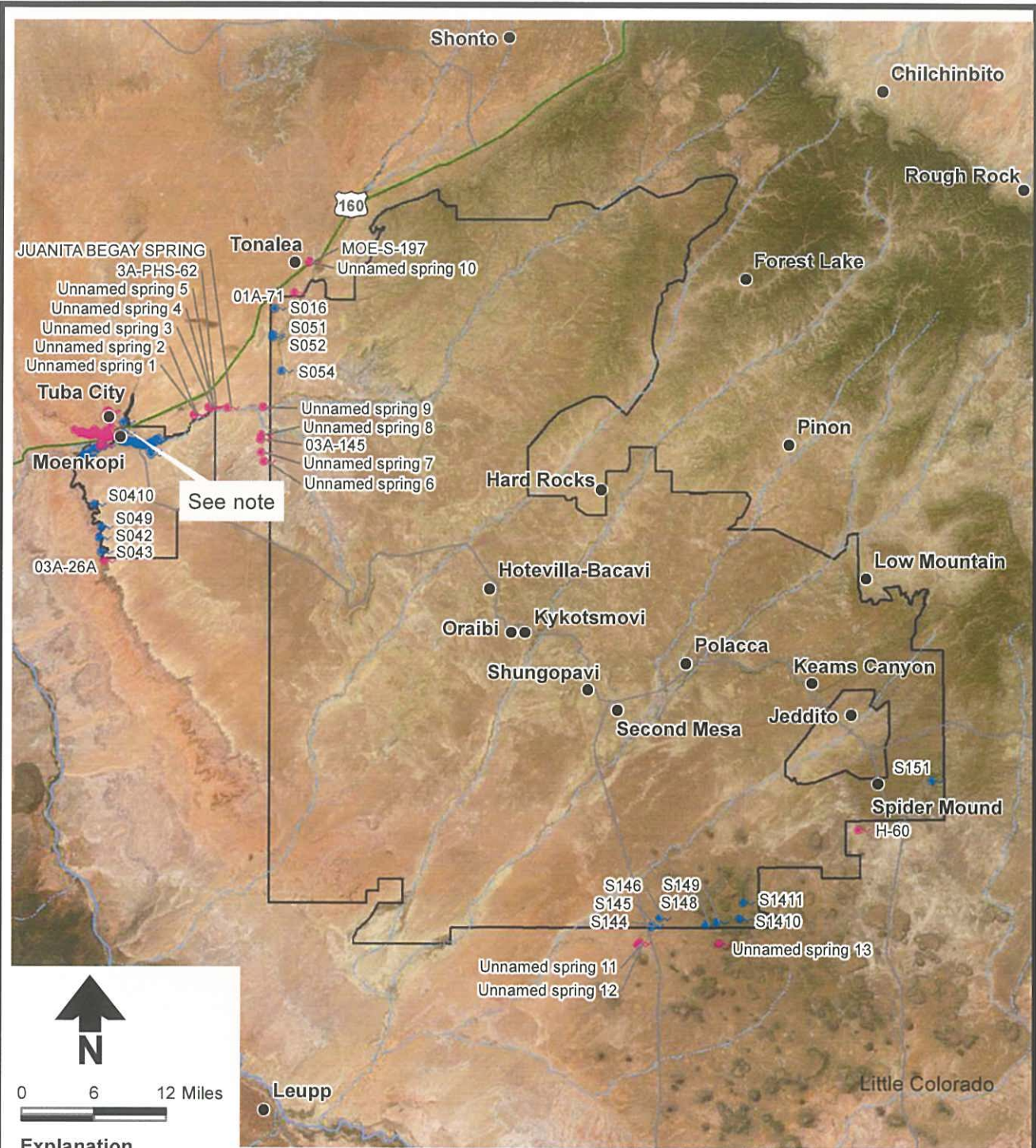
5) These numbers may be altered by mutual agreement of the Tribes in the event of improved information.

6) This table excludes Peabody and Pasture Canyon Impoundments, sewage lagoons, and Impoundments permitted pursuant to Subparagraph 5.1.3.4 of the Northeastern Arizona Indian Water Rights Settlement Agreement.

EXHIBIT 7.2.3.5.3

ATTACHED

EXHIBIT 7.2.3.5.3
N-Aquifer Boundary Springs
Figure and Tables



- Explanation**
- Hopi Tribe spring
 - Navajo Nation spring
 - Village or Chapter
 - Hopi Reservation boundary

Note:
 There are numerous springs along Moenkopi Wash and Echo Cliffs not labeled, but they are listed in the attached tables. Pasture Canyon Springs are shown in Exhibit 7.2.3.5.4.



Hopi Tribe Boundary Springs - Exhibit 7.2.3.5.3, Page 2 of 3

Spring Number	Spring Name/Other Name	Hopi Label	Coordinates		Spring Number	Spring Name/Other Name	Hopi Label	Coordinates	
			X	Y				X	Y
S016	Unnamed/1A-73	S-1-339	501098	4013616	<i>Springs Not Labeled on Exhibit (cont.)</i>				
S0410	Toh Nee Di Kishi	S-4-260	477016	3987308	S0433	Unnamed	S-4-283	482755	3995382
S042	Seller, Piisave, Piisava	S-4-213	477729	3982820	S0435	Unnamed	S-4-285	482821	3995339
S043	3A-25	S-4-214	477971	3980889	S0436	Unnamed	S-4-286	482944	3995386
S049	Tonali/3A-17, Tonali	S-4-259	478048	3984250	S0437	Unnamed	S-4-287	483309	3995305
S051	Nee De Miso Bito	S-5-32	500855	4010110	S0438	Unnamed	S-4-288	483373	3995312
S052	Nee De Miso Bito/1A-75	S-5-33	500861	4009736	S0439	Unnamed	S-4-289	483408	3995305
S054	Cold Water	S-5-35	501979	4005258	S0440	Unnamed	S-4-290	483467	3995245
S1410	Ram/7H-23	S-14-201	563666	3931985	S0441	Unnamed	S-4-291	483565	3995206
S1411	Shontah/Shonto-hi,7H-234	S-14-202	564087	3934176	S0442	Unnamed	S-4-292	484089	3995334
S144	Kalbito #2	S-14-195	551875	3930899	S0443	Unnamed	S-4-293	484636	3995628
S145	Kalbito #1/07H-78	S-14-196	551863	3931146	S0444	Unnamed	S-4-294	484768	3995658
S146	Comar/7H-79	S-14-197	552922	3932018	S0445	Unnamed	S-4-295	484757	3995599
S148	Lukai/7H-76	S-14-199	559127	3931137	S0446	Unnamed	S-4-296	485537	3996095
S149	Wolf Pass	S-14-200	560570	3931514	S0447	Unnamed	S-4-297	485067	3995929
S151	Cow	S-15-332	589422	3950572	S0448	Unnamed	S-4-298	485100	3995941
<i>Springs Not Labeled on Exhibit</i>					S0449	Ironwood, Otopsapva	S-4-299		484590
S041	3A-15	S-4-211	484408	3994456	S046	3-GS-77-6	S-4-218	480162	3996047
S0411	Unnamed	S-4-261	475617	3993918	S047	Unnamed	S-4-257	475648	3993697
S0412	Unnamed	S-4-262	477056	3994784	S0474	Unnamed 07	S-4-432	478882	3996601
S0413	Unnamed	S-4-263	477143	3994801	S0475	Unnamed 08	S-4-431	478817	3996490
S0414	Unnamed	S-4-264	477251	3994804	S0476	Unnamed 09	S-4-430	478288	3996400
S0415	Unnamed	S-4-265	480125	3996134	S0478	Unnamed 11	S-4-429	478205	3995048
S0416	Moenkopi School, Susungva/3GS-77-6, MoenkopiSchoolSpring(5m)	S-4-266	480126	3996029	S0479	Unnamed 12	S-4-435	475585	3993946
S0417	Unnamed	S-4-267	480163	3996111	S048	Unnamed	S-4-258	476342	3994386
S0418	Unnamed	S-4-268	480158	3996037	S0480	Unnamed 13	S-4-434	475580	3993926
S0419	Unnamed	S-4-269	480461	3995848	S0482	Culvert Spring		480889	3998327
S0420	Unnamed	S-4-270	480866	3996826					
S0421	Unnamed	S-4-271	480855	3995848					
S0422	Unnamed	S-4-272	480935	3995794					
S0423	Unnamed	S-4-273	480953	3995779					
S0424	Unnamed	S-4-274	481131	3995588					
S0425	Unnamed	S-4-275	481450	3995733					
S0426	Unnamed	S-4-276	481636	3995757					
S0427	Unnamed	S-4-277	482116	3995682					
S0428	Unnamed	S-4-278	482336	3995624					
S0429	Unnamed	S-4-279	482537	3995434					
S0430	Unnamed	S-4-280	482543	3995442					
S0431	Unnamed	S-4-281	482572	3995422					
S0432	Unnamed	S-4-282	482697	3995382					



Navajo Nation Boundary Springs - Exhibit 7.2.3.5.3, Page 3 of 3

Spring Number	Spring Name	Key	Coordinates		Spring Number	Spring Name	Key	Coordinates	
			X	Y				X	Y
01A-71	Morman Well		503748	4015677	<i>Springs Not Labeled on Exhibit (cont.)</i>				
03A-145		S-00436111-A.1 3	499230	3995978			S-00336111-A.3 3	477006	3997251
03A-26A	Spring on the Rock	S-00135111-H.2 3	478333	3979648			S-00436111-A.2 3	478405	3997086
3A-PHS-62	Leechee Dasikaid Spring	S-00736111-B.1 3	492868	4000326			S-00436111-A.3 3	477279	3997017
H-60	Spring-7-2-9	S-00135110-F.1 7	579555	3943889			S-00536111-A.2 3	478774	3996785
Juanita Begay Spring	Juanita Begay Spring		494839	4000217			S-00536111-A.3 3	476660	3996471
MOE-S-197	MOE-S-197	W-00536110-C.8 1	505776	4019863			S-00636111-A.2 3	478057	3996130
Unnamed spring 1		S-00236111-B.1 3	490357	3999231			S-00636111-A.3 3	476550	3996482
Unnamed spring 10		S-00136110-C.8 1	505716	4019743			S-00736111-A.2 3	478761	3996301
Unnamed spring 11		S-01035110-D.4 7	549935	3928449			S-00736111-A.3 3	476288	3996581
Unnamed spring 12	Spring		550248	3928747			S-00836111-A.2 3	478368	3996215
Unnamed spring 13		S-00335110-D.3 7	560833	3928638			S-00836111-A.3 3	476225	3996623
Unnamed spring 2		S-00336111-B.1 3	490386	3999247			S-00936111-A.3 3	475985	3996729
Unnamed spring 3		S-00436111-B.1 3	492286	4000286			S-01036111-A.3 3	476082	3996671
Unnamed spring 4	Spring		492515	4000297			S-01036111-B.2 3	478964	3999627
Unnamed spring 5		S-00636111-B.1 3	492568	4000297			S-01136111-A.3 3	475832	3996710
Unnamed spring 6		S-00136111-A.1 3	499642	3993025			S-01236111-A.3 3	475477	3996916
Unnamed spring 7		S-00236111-A.1 3	499267	3994221			S-01336111-A.3 3	475336	3996921
Unnamed spring 8		S-00336111-A.1 3	499270	3996529			S-01436111-A.3 3	475005	3996937
Unnamed spring 9		S-00536111-B.1 3	499521	4000314					
<i>Springs Not Labeled on Exhibit</i>									
03A-18	Charley Day Well		478671	3999739					
03B-270		S-00236111-A.2 3	477773	3996522					
	Goldtooth Spring		478108	3995232					
	MOE-S-209		476818	3996981					
	MOE-S-216		478567	3996255					
	MOE-S-217		478466	3996230					
	MOE-S-219		478715	3996249					
	MOE-S-220		474345	3997220					
	MOE-S-221		476875	3996995					
	MOE-S-222		479120	3997620					
	MOE-S-223		475131	3996787					
	MOE-S-231		478882	3996600					
	MOE-S-232		478817	3996490					
	Spring		478955	3996378					
	Spring		478890	3996231					
	Spring		477811	3995083					
	Spring		477850	3995081					
		S-00136111-A.2 3	477846	3996397					
		S-00336111-A.2 3	477880	3996356					

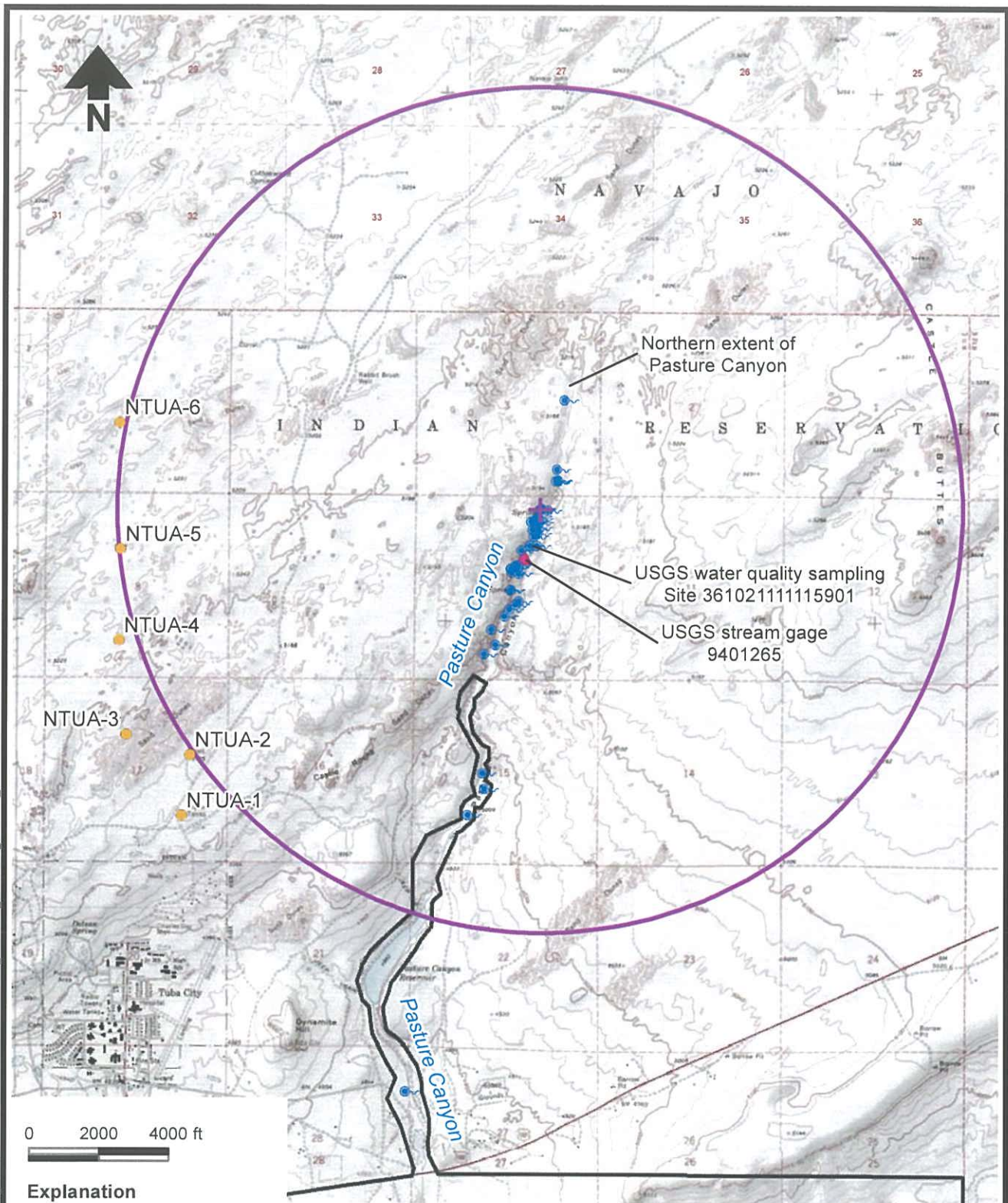
EXHIBIT 7.2.3.5.4

ATTACHED





EXHIBIT 7.2.3.5.4

Pasture Canyon Springs Buffer Zone Figure

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Explanation

-  Pasture Canyon spring
-  Navajo Nation Tuba City well
-  Pasture Canyon springs buffer zone
-  Hopi Reservation (Moenkopi Island)

USGS Topo: ESRI et al.



5/2/2024

DB22.2023

Pasture Canyon Springs Buffer Zone

Exhibit 7.2.3.5.4