

Table 1. Waters of the U.S. within the Lake Powell Pipeline project facilities' footprint.

Identifier	Name of Waterway	Cowardin Code ¹	HGM Code	Latitude	Longitude	Project Feature
S001	Lake Powell	R4SB	Riverine	36.94173103130	-111.48858103400	Lake Powell Intake
S002	Tributary to Lake Powell	R4SB	Riverine	36.97655138720	-111.51988783400	Pipeline
S003	Tributary to Lake Powell	R4SB	Riverine	36.98056093720	-111.53216989800	Pipeline
S004	Tributary to Lake Powell	R4SB	Riverine	36.98775035270	-111.55824483300	Pipeline
S005	Tributary to Lake Powell	R4SB	Riverine	37.00758398930	-111.57987439500	Pipeline
S006	Tributary to Lake Powell	R4SB	Riverine	37.01306694790	-111.58597592900	Pipeline
S007	Tributary to Lake Powell	R4SB	Riverine	37.01913014680	-111.59258241200	Pipeline
S008	Tributary to Lake Powell	R4SB	Riverine	37.01957739280	-111.59308645700	Pipeline
S009	Tributary to Lake Powell	R4SB	Riverine	37.02608524230	-111.60028756400	Pipeline
S010	Blue Pool Wash	R4SB	Riverine	37.03879900620	-111.61864483600	Pipeline
S011	Tributary to Blue Pool Wash	R4SB	Riverine	37.04209870380	-111.62062845500	Pipeline
S012	Tributary to Wahweap Creek	R4SB	Riverine	37.04547001420	-111.62308799700	Pipeline
S013	Tributary to S012	R4SB	Riverine	37.04703833120	-111.62426614100	Pipeline
S014	Tributary to Wahweap Creek	R4SB	Riverine	37.04929728750	-111.62653245700	Pipeline
S015	Tributary to Wahweap Creek	R4SB	Riverine	37.05106636350	-111.62936595100	Pipeline
S016	Tributary to Wahweap Creek	R4SB	Riverine	37.05193831560	-111.63083927600	Pipeline
S017	Tributary to Wahweap Creek	R4SB	Riverine	37.05328979790	-111.63354498900	Pipeline
S018	Tributary to Wahweap Creek	R4SB	Riverine	37.05583077150	-111.63812135800	Pipeline
S019	Tributary to Wahweap Creek	R4SB	Riverine	37.06859834140	-111.64945600200	Pipeline
S020	Tributary to Wahweap Creek	R4SB	Riverine	37.07597721530	-111.66016415400	Pipeline
S021	Buck Tank Draw	R4SB	Riverine	37.08774676010	-111.70425710400	Pipeline
S022	Tributary to Wahweap Creek	R4SB	Riverine	37.09084753060	-111.72833229000	Pipeline
S023	Tributary to Wahweap Creek	R4SB	Riverine	37.09185128420	-111.73578634200	Pipeline
S024	Tributary to Shittum Wash	R4SB	Riverine	37.09298698140	-111.74486360900	Pipeline
S025	Tributary to Shittum Wash	R4SB	Riverine	37.09366231480	-111.74997471900	Pipeline
S026	Shittum Wash	R4SB	Riverine	37.09477556200	-111.75902367000	Pipeline
S027	Tributary to Cedar Hollow	R4SB	Riverine	37.09807507940	-111.78449547300	Pipeline
S028	Cedar Hollow	R4SB	Riverine	37.09944779110	-111.79546317800	Pipeline
S029	Tributary to Cedar Hollow	R4SB	Riverine	37.09958097290	-111.79623818400	Pipeline
S030	Tributary to Cedar Hollow	R4SB	Riverine	37.10174947290	-111.81289378600	Pipeline
S031	Tributary to Paria River	R4SB	Riverine	37.10140314130	-111.86475704400	Pipeline
S032	Tributary to Paria River	R4SB	Riverine	37.10083139590	-111.87211536000	Pipeline
S033	Tributary to Paria River	R4SB	Riverine	37.10154384470	-111.87523251600	Pipeline
S034	Tributary to Paria River	R4SB	Riverine	37.10256851730	-111.87937478100	Pipeline
S035	Tributary to Paria River	R4SB	Riverine	37.10350218990	-111.88257442700	Pipeline

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S036	Tributary to Paria River	R4SB	Riverine	37.10492155890	-111.88790439900	Pipeline
S037	Tributary to Paria River	R4SB	Riverine	37.10646720030	-111.89445930900	Pipeline
S038	Paria River	R4SB	Riverine	37.10814700920	-111.90614498400	Pipeline
S039	Sand Gulch	R4SB	Riverine	37.11467373790	-111.93430710900	Pipeline
S040	Sand Gulch	R4SB	Riverine	37.12098629030	-111.94273733100	Pipeline
S041	Tributary to Sand Gulch	R4SB	Riverine	37.12459600520	-111.94764502200	Pipeline
S042	Tributary to Sand Gulch	R4SB	Riverine	37.12490835160	-111.94833184200	Pipeline
S043	Tributary to Sand Gulch	R4SB	Riverine	37.12563969900	-111.94940021200	Pipeline
S044	Tributary to Sand Gulch	R4SB	Riverine	37.12598803830	-111.94954323800	Pipeline
S045	Tributary to Sand Gulch	R4SB	Riverine	37.12682836740	-111.95081054000	Pipeline
S046	Tributary to Sand Gulch	R4SB	Riverine	37.12755406330	-111.95267713300	Pipeline
S047	Tributary to Sand Gulch	R4SB	Riverine	37.12841715510	-111.95578904600	Pipeline
S048	Unnamed drainage	R4SB	Riverine	37.12445300000	-111.97641600000	Pipeline
S049	Tributary to Sand Gulch	R4SB	Riverine	37.12767915410	-111.97720636100	Pipeline
S050	Tributary to Sand Gulch	R4SB	Riverine	37.13039078430	-111.97720369900	Pipeline
S051	Tributary to Sand Gulch	R4SB	Riverine	37.13223615190	-111.97701756800	Pipeline
S052	Tributary to Sand Gulch	R4SB	Riverine	37.14524305350	-111.97315976600	Pipeline
S053	Tributary to Sand Gulch	R4SB	Riverine	37.15209473900	-111.97110148200	Pipeline
S054	Tributary to Sand Gulch	R4SB	Riverine	37.15416638690	-111.97048671000	Pipeline
S055	Sand Gulch	R4SB	Riverine	37.15883285500	-111.96989224700	Pipeline
S056	Tributary to Sand Gulch	R4SB	Riverine	37.17574814060	-111.97500380400	Pipeline
S057	Tributary to Sand Gulch	R4SB	Riverine	37.18053671350	-111.97739065200	Pipeline
S058	Tributary to Sand Gulch	R4SB	Riverine	37.18217157740	-111.97900430600	Pipeline
S059	Tributary to Sand Gulch	R4SB	Riverine	37.18588593780	-111.98778139800	Pipeline
S060	Tributary to Sand Gulch	R4SB	Riverine	37.17967866140	-112.00410007100	Pipeline
S061	Sand Gulch	R4SB	Riverine	37.17776572470	-112.00815046600	Pipeline
S062	Sand Gulch	R4SB	Riverine	37.17333402220	-112.01684574200	Pipeline
S063	Buckskin Gulch	R4SB	Riverine	37.13081424910	-112.08788665500	Pipeline
S064	Tributary to Buckskin Gulch	R4SB	Riverine	37.13061103310	-112.08828161500	Pipeline
S065	Telegraph Wash	R4SB	Riverine	37.10779012050	-112.11919732300	Pipeline
S066	Telegraph Wash	R4SB	Riverine	37.09498487940	-112.13796824300	Pipeline
S067	Telegraph Wash	R4SB	Riverine	37.09493315550	-112.13815620300	Pipeline
S068	Buckskin Gulch	R4SB	Riverine	37.07015569210	-112.17363076000	Pipeline
S069	Unnamed drainage	R4SB	Riverine	37.06660967440	-112.17880473800	Pipeline
S070	Unnamed drainage	R4SB	Riverine	37.06459177200	-112.18162037700	Pipeline
S071	Unnamed drainage	R4SB	Riverine	37.06440306740	-112.18181539600	Pipeline

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S072	Unnamed drainage	R4SB	Riverine	37.06186296150	-112.18545006500	Pipeline
S073	Unnamed drainage	R4SB	Riverine	37.06113458760	-112.18661055300	Pipeline
S074	Unnamed drainage	R4SB	Riverine	37.05683632960	-112.19281557000	Pipeline
S075	Unnamed drainage	R4SB	Riverine	37.05643966140	-112.19338617900	Pipeline
S076	Petrified Hollow Wash	R4SB	Riverine	37.04947098170	-112.20344244700	Pipeline
S077	Unnamed drainage	R4SB	Riverine	37.04413859390	-112.21107245200	Pipeline
S078	Unnamed drainage	R4SB	Riverine	37.04334919250	-112.21226267300	Pipeline
S079	Unnamed drainage	R4SB	Riverine	37.04334646610	-112.21232645500	Pipeline
S080	Unnamed drainage	R4SB	Riverine	37.04049744330	-112.21938964000	Pipeline
S081	Unnamed drainage	R4SB	Riverine	37.04010296840	-112.22159730400	Pipeline
S082	Unnamed drainage	R4SB	Riverine	37.03983868430	-112.22462781600	Pipeline
S083	Unnamed drainage	R4SB	Riverine	37.03985828170	-112.22583124300	Pipeline
S084	Unnamed drainage	R4SB	Riverine	37.03956515100	-112.23749484500	Pipeline
S085	Seaman Wash	R4SB	Riverine	37.03971495620	-112.25111985300	Pipeline
S086	Johnson Wash	R4SB	Riverine	37.03731548770	-112.35619937100	Pipeline
S087	Seaman Wash	R4SB	Riverine	37.01965296670	-112.25311148400	Pipeline
S088	Unnamed drainage	R4SB	Riverine	37.00143187370	-112.26524759100	Pipeline
S089	Unnamed drainage	R4SB	Riverine	37.00119434580	-112.26552852100	Pipeline
S090	Unnamed drainage	R4SB	Riverine	37.00115660400	-112.26566748300	Pipeline
S091	Unnamed drainage	R4SB	Riverine	37.00107702110	-112.26575978500	Pipeline
S092	Unnamed drainage	R4SB	Riverine	37.00005165360	-112.26805518000	Pipeline
S093	Unnamed drainage	R4SB	Riverine	36.99945519130	-112.26921088000	Pipeline
S094	Unnamed drainage	R4SB	Riverine	36.99935757550	-112.26937899100	Pipeline
S095	Tributary to Seaman Wash	R4SB	Riverine	36.99846621510	-112.27126694400	Pipeline
S096	Unnamed drainage	R4SB	Riverine	36.99392811590	-112.28072296800	Pipeline
S097	Unnamed drainage	R4SB	Riverine	36.99209228660	-112.28456470500	Pipeline
S098	Tributary to White Sage Wash	R4SB	Riverine	36.99129252280	-112.28634363300	Pipeline
S099	Unnamed drainage	R4SB	Riverine	36.98913465040	-112.29086535000	Pipeline
S100	Unnamed drainage	R4SB	Riverine	36.97996710250	-112.30915482800	Pipeline
S101	Unnamed drainage	R4SB	Riverine	36.97675780680	-112.31544210100	Pipeline
S102	Unnamed drainage	R4SB	Riverine	36.97432250600	-112.32140643000	Pipeline
S103	Unnamed drainage	R4SB	Riverine	36.97425712640	-112.32156667000	Pipeline
S104	Tributary to White Sage Wash	R4SB	Riverine	36.96648589210	-112.33513136300	Pipeline
S105	White Sage Wash	R4SB	Riverine	36.96259081940	-112.33655589800	Pipeline
S106	Tributary to White Sage Wash	R4SB	Riverine	36.95551774280	-112.34667990000	Pipeline
S107	Unnamed drainage	R4SB	Riverine	36.93765625870	-112.37911951000	Pipeline

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S108	Unnamed drainage	R4SB	Riverine	36.93675411260	-112.38356030100	Pipeline
S109	Tributary to Johnson Wash	R4SB	Riverine	36.92819276230	-112.41352905300	Pipeline
S110	Tributary to Johnson Wash	R4SB	Riverine	36.92766913660	-112.41414120600	Pipeline
S111	Tributary to Johnson Wash	R4SB	Riverine	36.92096233500	-112.42343255000	Pipeline
S112	Tributary to Johnson Wash	R4SB	Riverine	36.91911702230	-112.42586893500	Pipeline
S113	Tributary to Johnson Wash	R4SB	Riverine	36.91510944640	-112.43092840000	Pipeline
S114	Tributary to Johnson Wash	R4SB	Riverine	36.91040130730	-112.43640104400	Pipeline
S115	Tributary to Johnson Wash	R4SB	Riverine	36.90696731300	-112.44058183000	Pipeline
S116	Unnamed drainage	R4SB	Riverine	36.90191195780	-112.44635640400	Pipeline
S117	Unnamed drainage	R4SB	Riverine	36.90097361690	-112.44753679400	Pipeline
S118	Unnamed drainage	R4SB	Riverine	36.88858190450	-112.46212273600	Pipeline
S119	Unnamed drainage	R4SB	Riverine	36.88336759530	-112.46823006200	Pipeline
S120	Unnamed drainage	R4SB	Riverine	36.87988798080	-112.47239123900	Pipeline
S121	Unnamed drainage	R4SB	Riverine	36.87633158950	-112.47653732900	Pipeline
S122	Unnamed drainage	R4SB	Riverine	36.84745697700	-112.50331698600	Pipeline
S123	Unnamed drainage	R4SB	Riverine	36.84293333570	-112.50336395900	Pipeline
S124	Unnamed drainage	R4SB	Riverine	36.83544047140	-112.50323209900	Pipeline
S125	Unnamed drainage	R4SB	Riverine	36.82913034590	-112.51173239100	Pipeline
S126	Jacob Canyon	R4SB	Riverine	36.82866990630	-112.51243541100	Pipeline
S127	Unnamed drainage	R4SB	Riverine	36.82968996350	-112.51991927000	Pipeline
S128	Unnamed drainage	R4SB	Riverine	36.83018951420	-112.52173383500	Pipeline
S129	Unnamed drainage	R4SB	Riverine	36.83032406830	-112.52272747400	Pipeline
S130	Unnamed drainage	R4SB	Riverine	36.83037357380	-112.52564396500	Pipeline
S131	Unnamed drainage	R4SB	Riverine	36.83039999050	-112.53039159300	Pipeline
S132	Unnamed drainage	R4SB	Riverine	36.83012481040	-112.56207598000	Pipeline
S133	Unnamed drainage	R4SB	Riverine	36.82466077300	-112.58730587100	Pipeline
S134	Unnamed drainage	R4SB	Riverine	36.82450454850	-112.58782162600	Pipeline
S135	Unnamed drainage	R4SB	Riverine	36.82569700000	-112.59663900000	Pipeline
S136	Kanab Creek	R3	Riverine	36.82607948160	-112.59682300800	Pipeline
S137	Bitter Seeps Wash	R4SB	Riverine	36.80924571410	-112.65215794300	Pipeline
S138	Unnamed drainage	R4SB	Riverine	36.80532238210	-112.66969760100	Pipeline
S139	Unnamed drainage	R4SB	Riverine	36.80442176730	-112.67409338500	Pipeline
S140	Tributary to Bitter Seeps Wash	R4SB	Riverine	36.80407491390	-112.69343615700	Pipeline
S141	Tributary to Bitter Seeps Wash	R4SB	Riverine	36.80408222340	-112.71227337500	Pipeline
S142	Pipe Valley Wash	R4SB	Riverine	36.80399095210	-112.73706892000	Pipeline
S143	Pipe Valley Wash	R4SB	Riverine	36.80491080110	-112.75408822400	Pipeline

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S144	Pipe Valley Wash	R4SB	Riverine	36.80452271660	-112.75547593400	Pipeline
S145	Pipe Valley Wash	R4SB	Riverine	36.80401894970	-112.75969130300	Pipeline
S146	Moonshine Ridge	R4SB	Riverine	36.81280523730	-112.84699376700	Pipeline
S147	Unnamed drainage	R4SB	Riverine	36.81540043200	-112.85894648000	Pipeline
S148	Unnamed drainage	R4SB	Riverine	36.81577569050	-112.86067815900	Pipeline
S149	Unnamed drainage	R4SB	Riverine	36.82082214700	-112.88397727000	Pipeline
S150	Sand Wash	R4SB	Riverine	36.82213260900	-112.89005818000	Pipeline
S151	Tributary to Sand Wash	R4SB	Riverine	36.82384396220	-112.89793329900	Pipeline
S152	Unnamed drainage	R4SB	Riverine	36.89288089220	-112.91741431600	Pipeline
S153	Cane Bed wash	R4SB	Riverine	36.93324599510	-112.94518014500	Pipeline
S154	Unnamed drainage	R4SB	Riverine	36.93513295380	-112.94666056800	Pipeline
S155	Unnamed drainage	R4SB	Riverine	36.94891503050	-112.95744218000	Pipeline
S156	Unnamed drainage	R4SB	Riverine	36.96359166440	-112.96913160100	Pipeline
S157	Unnamed drainage	R4SB	Riverine	36.97815559000	-112.98090896900	Pipeline
S158	Short Creek	R4SB	Riverine	36.98807682940	-112.98882648100	Pipeline
S159	Unnamed drainage	R4SB	Riverine	36.99979991980	-113.05415889200	Pipeline
S160	Unnamed drainage	R4SB	Riverine	36.99946382060	-113.05467105100	Pipeline
S161	Unnamed drainage	R4SB	Riverine	37.00671463910	-113.08270485300	Pipeline
S162	Tributary to Short Creek	R4SB	Riverine	37.00915997950	-113.08997347700	Pipeline
S163	Short Creek	R4SB	Riverine	37.01092916500	-113.11216147700	Pipeline
S164	Short Creek	R4SB	Riverine	37.01125466450	-113.13026679500	Pipeline
S165	Unnamed drainage	R4SB	Riverine	37.01067026400	-113.14220626000	Pipeline
S166	Unnamed drainage	R4SB	Riverine	37.01066738270	-113.14669093900	Pipeline
S167	Unnamed drainage	R4SB	Riverine	37.01066854590	-113.14786215100	Pipeline
S168	Tributary to Short Creek	R4SB	Riverine	37.01065671950	-113.15024321500	Pipeline
S169	Unnamed drainage	R4SB	Riverine	37.01065900540	-113.15455433000	Pipeline
S170	Tributary to Short Creek	R4SB	Riverine	37.01066715530	-113.15681325900	Pipeline
S171	Unnamed drainage	R4SB	Riverine	37.01066239180	-113.15707524500	Pipeline
S172	Unnamed drainage	R4SB	Riverine	37.01065849710	-113.15901036600	Pipeline
S173	Unnamed drainage	R4SB	Riverine	37.01066887020	-113.15942336000	Pipeline
S174	Unnamed drainage	R4SB	Riverine	37.01065740280	-113.16005324000	Pipeline
S175	Unnamed drainage	R4SB	Riverine	37.01067153190	-113.16050537900	Pipeline
S176	Unnamed drainage	R4SB	Riverine	37.01065737120	-113.16228539500	Pipeline
S177	Unnamed drainage	R4SB	Riverine	37.01065683360	-113.16340803700	Pipeline
S178	Unnamed drainage	R4SB	Riverine	37.01065644420	-113.16392140600	Pipeline
S179	Unnamed drainage	R4SB	Riverine	37.01065593600	-113.16440986300	Pipeline

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S180	Unnamed drainage	R4SB	Riverine	37.01065575750	-113.16458089800	Pipeline
S181	Unnamed drainage	R4SB	Riverine	37.01065316870	-113.16703612800	Pipeline
S182	Unnamed drainage	R4SB	Riverine	37.01065303200	-113.16716452000	Pipeline
S183	Unnamed drainage	R4SB	Riverine	37.01065210100	-113.16803503300	Pipeline
S184	Unnamed drainage	R4SB	Riverine	37.01065158730	-113.16851278000	Pipeline
S185	Unnamed drainage	R4SB	Riverine	37.01065004180	-113.16993950100	Pipeline
S186	Unnamed drainage	R4SB	Riverine	37.01064923030	-113.17068238600	Pipeline
S187	Unnamed drainage	R4SB	Riverine	37.01064865060	-113.17121052200	Pipeline
S188	Unnamed drainage	R4SB	Riverine	37.01064753220	-113.17222338400	Pipeline
S189	Unnamed drainage	R4SB	Riverine	37.01058311770	-113.17730340000	Pipeline
S190	Unnamed drainage	R4SB	Riverine	37.01065152980	-113.18579028300	Pipeline
S191	Unnamed drainage	R4SB	Riverine	37.01065404330	-113.18813703500	Pipeline
S192	Unnamed drainage	R4SB	Riverine	37.01061023480	-113.19222613500	Pipeline
S193	Unnamed drainage	R4SB	Riverine	37.01064049220	-113.19516004000	Pipeline
S194	Unnamed drainage	R4SB	Riverine	37.01063862060	-113.19699521400	Pipeline
S195	Unnamed drainage	R4SB	Riverine	37.01067977730	-113.20040506800	Pipeline
S196	Unnamed drainage	R4SB	Riverine	37.01071961500	-113.20073931300	Pipeline
S197	Unnamed drainage	R4SB	Riverine	37.01074323150	-113.20096563600	Pipeline
S198	Unnamed drainage	R4SB	Riverine	37.01072920150	-113.20501456200	Pipeline
S199	Unnamed drainage	R4SB	Riverine	37.01071049440	-113.20514467400	Pipeline
S200	Unnamed drainage	R4SB	Riverine	37.01073647520	-113.20694288100	Pipeline
S201	Tributary to Short Creek	R4SB	Riverine	37.01078277240	-113.20718525600	Pipeline
S202	Unnamed drainage	R4SB	Riverine	37.01072078320	-113.20759353400	Pipeline
S203	Tributary to Short Creek	R4SB	Riverine	37.01061444750	-113.21211765700	Pipeline
S204	Tributary to Short Creek	R4SB	Riverine	37.01064746200	-113.21544394200	Pipeline
S205	Unnamed drainage	R4SB	Riverine	37.01055924880	-113.22209266700	Pipeline
S206	Tributary to Short Creek	R4SB	Riverine	37.01055803900	-113.22225369100	Pipeline
S207	Unnamed drainage	R4SB	Riverine	37.01052213360	-113.22247066200	Pipeline
S208	Unnamed drainage	R4SB	Riverine	37.01053335310	-113.22618273500	Pipeline
S209	Tributary to Short Creek	R4SB	Riverine	37.01052315440	-113.22686827400	Pipeline
S210	Unnamed drainage	R4SB	Riverine	37.00981076970	-113.23542599300	Pipeline
S211	Unnamed drainage	R4SB	Riverine	37.00968351590	-113.24033177100	Pipeline
S212	Tributary to Short Creek	R4SB	Riverine	37.00970183670	-113.24154149600	Pipeline
S213	Unnamed drainage	R4SB	Riverine	37.01025536130	-113.24554867600	Pipeline
S214	Unnamed drainage	R4SB	Riverine	37.01039769050	-113.24593871700	Pipeline
S215	Unnamed drainage	R4SB	Riverine	37.01056987850	-113.24627898700	Pipeline

Insert to Application for Individual Permit
 Lake Powell Pipeline - Coconino and Mohave Counties, Arizona
 Kane and Washington Counties, Utah
 Corps File No. SPK-2008-00354

Identifier	Name of Waterway	Cowardin Code ¹	HGM Code	Latitude	Longitude	Project Feature
S216	Unnamed drainage	R4SB	Riverine	37.01083811250	-113.24673464100	Pipeline
S217	Unnamed drainage	R4SB	Riverine	37.01099636720	-113.24696487600	Pipeline
S218	Unnamed drainage	R4SB	Riverine	37.01102451970	-113.24723811600	Pipeline
S219	Unnamed drainage	R4SB	Riverine	37.01123042350	-113.24770562100	Pipeline
S220	Unnamed drainage	R4SB	Riverine	37.01137145700	-113.24805159400	Pipeline
S221	Unnamed drainage	R4SB	Riverine	37.01143958310	-113.24820443100	Pipeline
S222	Unnamed drainage	R4SB	Riverine	37.01175550550	-113.24911617600	Pipeline
S223	Unnamed drainage	R4SB	Riverine	37.01189274230	-113.24930807700	Pipeline
S224	Unnamed drainage	R4SB	Riverine	37.01201491290	-113.24953264200	Pipeline
S225	Unnamed drainage	R4SB	Riverine	37.01215746950	-113.24967621100	Pipeline
S226	Unnamed drainage	R4SB	Riverine	37.01231521300	-113.25051703200	Pipeline
S227	Unnamed drainage	R4SB	Riverine	37.01248745800	-113.25079904000	Pipeline
S228	Unnamed drainage	R4SB	Riverine	37.01262990770	-113.25101584200	Pipeline
S229	Unnamed drainage	R4SB	Riverine	37.01264468010	-113.25115515100	Pipeline
S230	Unnamed drainage	R4SB	Riverine	37.01276460870	-113.25144476000	Pipeline
S231	Unnamed drainage	R4SB	Riverine	37.01283259330	-113.25163211400	Pipeline
S232	Unnamed drainage	R4SB	Riverine	37.01293039470	-113.25178664200	Pipeline
S233	Unnamed drainage	R4SB	Riverine	37.01312774840	-113.25228097800	Pipeline
S234	Unnamed drainage	R4SB	Riverine	37.01316368910	-113.25240904500	Pipeline
S235	Unnamed drainage	R4SB	Riverine	37.01334480150	-113.25268530400	Pipeline
S236	Unnamed drainage	R4SB	Riverine	37.01339913100	-113.25279608800	Pipeline
S237	Unnamed drainage	R4SB	Riverine	37.01354943010	-113.25338688900	Pipeline
S238	Unnamed drainage	R4SB	Riverine	37.01371072390	-113.25350048500	Pipeline
S239	Unnamed drainage	R4SB	Riverine	37.01377339950	-113.25368747000	Pipeline
S240	Unnamed drainage	R4SB	Riverine	37.01379754130	-113.25384436200	Pipeline
S241	Unnamed drainage	R4SB	Riverine	37.01463207220	-113.25638846400	Pipeline
S242	Unnamed drainage	R4SB	Riverine	37.01509109650	-113.25822747200	Pipeline
S243	Unnamed drainage	R4SB	Riverine	37.01921374630	-113.27015464400	Pipeline
S244	Unnamed drainage	R4SB	Riverine	37.02292803710	-113.27078108400	Pipeline
S245	Unnamed drainage	R4SB	Riverine	37.02324055280	-113.27078482100	Pipeline
S246	Unnamed drainage	R4SB	Riverine	37.02368824230	-113.27075722700	Pipeline
S247	Unnamed drainage	R4SB	Riverine	37.02666953420	-113.27025210100	Pipeline
S248	Unnamed drainage	R4SB	Riverine	37.03231177080	-113.27298759100	Pipeline
S249	Unnamed drainage	R4SB	Riverine	37.03459977350	-113.27390299800	Pipeline
S250	Unnamed drainage	R4SB	Riverine	37.04862148450	-113.27391985100	Pipeline
S251	Unnamed drainage	R4SB	Riverine	37.04184181370	-113.27834253800	Forebay

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Identifier	Name of Waterway	Cowardin Code ¹	HGM Code	Latitude	Longitude	Project Feature
S252	Unnamed drainage	R4SB	Riverine	37.04590700000	-113.27974400000	Forebay
S253	Unnamed drainage	R4SB	Riverine	37.04354174460	-113.27976554600	Forebay
S254	Unnamed drainage	R4SB	Riverine	37.06128525250	-113.28978870900	Forebay
S255	Unnamed drainage	R4SB	Riverine	37.05464305320	-113.31340698700	Afterbay
S256	Unnamed drainage	R4SB	Riverine	37.05461900780	-113.31499197300	Afterbay
S257	Unnamed drainage	R4SB	Riverine	37.06046736150	-113.33158871500	Pipeline
S258	Unnamed drainage	R4SB	Riverine	37.06079065750	-113.33237629000	Pipeline
S259	Unnamed drainage	R4SB	Riverine	37.06117158210	-113.33271149300	Pipeline
S260	Unnamed drainage	R4SB	Riverine	37.06448858030	-113.33466645500	Pipeline
S261	Unnamed drainage	R4SB	Riverine	37.07838854960	-113.33910865400	Pipeline
S262	Unnamed drainage	R4SB	Riverine	37.07851440960	-113.33920732700	Pipeline
S263	Unnamed drainage	R4SB	Riverine	37.08444799920	-113.34112618800	Pipeline
S264	Unnamed drainage	R4SB	Riverine	37.08517575070	-113.34134375500	Pipeline
S265	Unnamed drainage	R4SB	Riverine	37.09555959970	-113.35478943700	Pipeline
S266	Unnamed drainage	R4SB	Riverine	37.09689624050	-113.35673273000	Pipeline

¹Cowardin Classification: R4SB – Riverine intermittent streambed; R3 – Riverine upper perennial.

Table 2. Forebay area and volume fill calculations.

Reference Point	Width (ft)	Depth (ft)	Total Length (ft)	Under Embankment			Within Water Storage Area		
				Length (ft)	Area (acre)	Volume (yd ³)	Length (ft)	Area (acre)	Volume (yd ³)
A	11	0.50	209.8	209.8	0.0530	42.74	-	-	-
B	14	0.50	133.5	133.5	0.0429	34.61	-	-	-
C	16	0.50	527.7	-	-	-	527.7	0.1938	156.36
C2	16	0.50	302.7	302.7	0.1112	89.69	-	-	-
D	5	0.17	187.1	187.1	0.0215	5.77	-	-	-
E	2	0.25	162.1	162.1	0.0074	3.00	-	-	-
F	11	0.67	1932.6	-	-	-	1932.6	0.4880	524.90
F2	11	0.67	302.7	302.7	0.0764	82.21	-	-	-
H	2	0.50	406.9	-	-	-	406.9	0.0187	15.07
J	7	0.33	597.7	-	-	-	597.7	0.0960	51.65
K	3	0.33	1804.8	-	-	-	1804.8	0.1243	66.84
L	12	0.50	1351.4	-	-	-	1351.4	0.3723	300.31
L2	4	0.17	473.5	-	-	-	473.5	0.0435	13.15
M	9	0.50	2341.6	-	-	-	2341.6	0.4838	390.27
M2	2	0.17	288.2	-	-	-	288.2	0.0132	4.45
M3	2	0.17	189.2	-	-	-	189.2	0.0087	2.92
M4	2	0.25	376	-	-	-	376	0.0173	6.96
M5	1	0.17	91	-	-	-	91	0.0021	0.84
M6	2	0.25	440.2	-	-	-	440.2	0.0202	11.21
M7	1	0.17	180	-	-	-	180	0.0041	1.67
N	8	0.50	1462.9	-	-	-	1462.9	0.2687	216.73
N2	2	0.17	152.6	-	-	-	152.6	0.0070	2.35
O	2	0.25	957.3	-	-	-	957.3	0.0440	17.73
P	3	0.25	838.6	-	-	-	838.6	0.0578	23.29
Q	2	0.33	806.8	-	-	-	806.8	0.0370	19.92
Q2	1	0.17	175.8	-	-	-	175.8	0.0040	1.63
Q3	1	0.17	288	-	-	-	288	0.0066	2.67
Q4	1	0.17	172.5	-	-	-	172.5	0.0040	1.60
R	2	0.50	1598.8	-	-	-	1598.8	0.0734	59.21
R2	2	0.33	332.8	-	-	-	332.8	0.0153	8.22
R3	2	0.33	436.1	-	-	-	436.1	0.0200	10.77
S	2	0.25	80.9	80.9	0.0037	2.06	-	-	-
				Total:	0.3161	260.09	Total:	2.4238	1910.72

Table 3. Afterbay area and volume fill calculations.

Reference Point	Width (ft)	Depth (ft)	Total Length (ft)	Under Embankment & Hydrostation Footprint			Within Water Storage Area		
				Length (ft)	Area (acre)	Volume (yd ³)	Length (ft)	Area (acre)	Volume (yd ³)
A	7	0.50	2214.1	-	-	-	2214.1	0.3558	348.52
B	4	0.33	2585.6	2585.6	0.2374	159.60	-	-	-
B2	4	0.17	1055.5	1055.5	0.0969	29.32	-	-	-
C	2	0.17	1968.1	1968.1	0.0904	24.30	-	-	-
D	3	0.17	690.1	-	-	-	690.1	0.0475	14.91
D2	3	0.17	218.6	-	-	-	218.6	0.0151	4.72
E	9	0.17	1187.4	-	-	-	1187.4	0.2453	69.63
F	9	0.17	764.4	764.4	0.1579	44.83	-	-	-
G	4	0.17	1728	-	-	-	1728	0.1587	48.00
H	5	0.17	409.9	409.9	0.0471	13.92	-	-	-
J	10	0.17	116.7	116.7	0.0268	7.56	-	-	-
				Total:	0.6565	279.53	Total:	0.8224	485.78