

APPENDIX H: 2050 PWWF Model Result with Proposed Future Diameters



T-3. 2050 PWWF Model Result with Proposed Future Diameters

ID	From MH	To MH	Diameter Proposed in 2014 WWMP (in.)	Length (ft.)	Slope (%)	Basin	Street	Pipe Material	ADWF (gpd)	PDWF (gpd)	PWWF (gpd)	PWWF d/D	Hydraulic Capacity Remaining (%)	Project No.
9097	14214	14074	42	135.8	1.13	Main Street	MAIN ST	PVC	10,669,356	14,493,145	18,563,491	0.44	47.9%	0
9101	13847	13881	18	72.5	0.00	Salt Creek	NORTH CREEKSIDE DR	PVC	682,894	938,910	1,612,295	0.51	39.5%	0
9110	9105	13141	15	313.7	1.31	Salt Creek	HUNTE PY	PVC	515,169	709,075	1,170,756	0.35	58.8%	0
9118	9124	13980	24	84.6	8.41	Salt Creek	PRIVATE RD	PVC	1,796,129	2,466,199	3,970,881	0.38	54.8%	0
9119	13980	13979	24	320.7	0.23	Salt Creek	PRIVATE RD	PVC	3,004,697	4,131,949	5,813,351	0.66	22.6%	0
9182	14038	13847	18	316.2	0.51	Salt Creek	NORTH CREEKSIDE DR	PVC	682,710	938,665	1,611,320	0.50	41.6%	0
12869	13347	13134	15	197.8	4.19	Salt Creek	HUNTE PY	PVC	323,686	445,342	813,036	0.26	69.5%	0
12870	13138	13385	15	41.9	0.24	Salt Creek	HUNTE PY	PVC	362,965	499,774	880,672	0.46	46.5%	0
13756	14016	14008	30	36.3	11.02	Salt Creek	PRIVATE RD	PVC	3,694,344	5,078,483	6,815,196	0.43	49.5%	0
13759	13950	13949	36	304.2	0.25	Salt Creek	WILEY RD	PVC	4,801,975	6,585,168	8,462,971	0.46	46.0%	0
13760	13951	13950	36	353.8	0.24	Salt Creek	WILEY RD	PVC	4,801,977	6,585,132	8,456,931	0.44	47.8%	0
13761	13952	13951	36	353.8	0.24	Salt Creek	WILEY RD	PVC	4,801,975	6,585,745	8,450,425	0.45	47.4%	0
13762	13953	13952	36	510.2	0.30	Salt Creek	WILEY RD	PVC	4,766,952	6,538,772	8,396,123	0.43	49.4%	0
13763	13954	13953	30	598.6	1.089	Salt Creek	WILEY RD	PVC	4,707,029	6,457,164	8,304,031	0.44	48.7%	0
13764	13955	13954	30	599.5	0.34	Salt Creek	WILEY RD	PVC	4,687,888	6,432,241	8,269,030	0.47	45.1%	0
13765	13956	13955	30	522.8	0.35	Salt Creek	WILEY RD	PVC	4,687,888	6,433,727	8,260,488	0.54	36.7%	0
13766	13957	13956	30	600.0	0.34	Salt Creek	WILEY RD	PVC	4,687,888	6,435,207	8,253,312	0.52	38.6%	0
13767	13935	13934	42	502.9	0.237	Salt Creek	WILEY RD	PVC	6,033,705	8,241,756	10,287,452	0.40	52.8%	0
13768	13936	13935	42	599.7	0.62	Salt Creek	WILEY RD	PVC	6,001,186	8,200,001	10,233,939	0.35	58.9%	0
13769	13937	13936	36	600.0	1.45	Salt Creek	WILEY RD	PVC	6,001,186	8,200,822	10,220,721	0.33	61.4%	0
13770	13938	13937	36	599.5	0.22	Salt Creek	WILEY RD	PVC	6,001,186	8,201,457	10,209,316	0.42	50.7%	0
13771	13939	13938	36	600.1	0.22	Salt Creek	WILEY RD	PVC	6,001,186	8,203,811	10,199,631	0.52	38.9%	0



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13772	13940	13939	36	475.0	0.23	Salt Creek	WILEY RD	PVC	6,001,186	8,206,592	10,190,523	0.50	40.9%	0
13773	13941	13940	36	304.7	2.07	Salt Creek	WILEY RD	PVC	6,001,186	8,209,202	10,183,679	0.39	54.2%	0
13774	13942	13941	36	439.8	0.62	Salt Creek	WILEY RD	PVC	5,517,873	7,554,102	9,521,202	0.34	60.4%	0
13775	13943	13942	36	394.1	0.62	Salt Creek	WILEY RD	PVC	5,517,873	7,554,744	9,512,974	0.38	55.2%	0
13776	13944	13943	36	598.4	0.61	Salt Creek	WILEY RD	PVC	5,517,873	7,555,585	9,505,827	0.37	57.1%	0
13777	14007	13965	30	83.8	5.40	Salt Creek	PRIVATE RD	PVC	3,694,344	5,075,954	6,831,505	0.34	60.4%	0
13778	14008	13967	30	299.3	0.11	Salt Creek	PRIVATE RD	PVC	3,694,344	5,077,881	6,819,676	0.67	21.6%	0
13779	14009	14016	30	13.0	45.04	Salt Creek	PRIVATE RD	PVC	3,694,344	5,078,521	6,814,621	0.16	81.1%	0
13780	14010	14002	21	177.5	1.23	Salt Creek	OLYMPIC PY	PVC	1,586,625	2,180,795	3,453,113	0.40	53.5%	0
13784	13917	13916	42	594.3	0.099	Main Street	MAIN ST	PVC	7,089,984	9,665,974	11,943,216	0.56	34.5%	0
13785	13918	13987	42	136.0	0.10	Main Street	MAIN ST	PVC	7,084,608	9,659,745	11,912,448	0.56	33.8%	0
13786	13919	13918	42	598.8	0.10	Main Street	MAIN ST	PVC	7,077,797	9,651,396	11,900,877	0.56	34.1%	0
13787	13920	13919	42	599.4	0.17	Main Street	MAIN ST	PVC	7,077,797	9,652,094	11,887,537	0.51	39.9%	0
13788	13921	13920	42	521.8	0.10	Main Street	MAIN ST	PVC	7,077,797	9,652,406	11,873,768	0.51	40.6%	0
13789	13922	13921	42	449.6	1.07	Main Street	MAIN ST	PVC	7,070,422	9,642,995	11,852,096	0.41	51.4%	0
13790	13923	14004	42	682.8	0.28	Salt Creek	WILEY RD	PVC	6,045,219	8,253,387	10,441,600	0.34	60.6%	0
13791	13924	13923	42	599.8	0.28	Salt Creek	WILEY RD	PVC	6,045,219	8,253,924	10,426,114	0.39	53.9%	0
13792	13925	13924	42	599.6	0.86	Salt Creek	WILEY RD	PVC	6,045,219	8,254,110	10,412,224	0.31	63.6%	0
13793	13926	13925	42	437.8	0.49	Salt Creek	WILEY RD	PVC	6,033,812	8,239,357	10,383,422	0.31	63.3%	0
13794	13927	13926	42	498.3	0.23	Salt Creek	WILEY RD	PVC	6,033,812	8,239,478	10,373,282	0.38	55.4%	0
13795	13928	13927	42	310.3	0.25	Salt Creek	WILEY RD	PVC	6,033,812	8,239,650	10,361,775	0.40	52.5%	0
13796	13929	13928	42	438.7	0.24	Salt Creek	WILEY RD	PVC	6,033,812	8,239,766	10,354,640	0.40	53.2%	0
13797	13930	13929	42	430.4	0.19	Salt Creek	WILEY RD	PVC	6,033,812	8,239,755	10,344,355	0.39	54.0%	0



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13798	13931	13930	42	447.1	0.19	Salt Creek	WILEY RD	PVC	6,033,812	8,240,642	10,335,131	0.43	49.6%	0
13799	13932	13931	42	320.4	0.25	Salt Creek	WILEY RD	PVC	6,033,812	8,240,784	10,324,859	0.41	52.1%	0
13800	13988	9124	24	254.0	0.97	Salt Creek	PRIVATE RD	PVC	1,796,129	2,466,199	3,969,749	0.36	57.5%	0
13801	14034	14033	18	283.8	0.47	Salt Creek	SOUTH CREEKSIDE DR	PVC	749,337	1,029,799	1,832,903	0.45	47.4%	0
13803	14035	14034	18	235.6	0.41	Salt Creek	SOUTH CREEKSIDE DR	PVC	744,968	1,023,869	1,815,005	0.45	47.2%	0
13804	14166	14038	18	336.6	0.431	Salt Creek	NORTH CREEKSIDE DR	PVC	682,239	938,048	1,607,538	0.41	51.8%	0
13805	14039	14166	18	404.7	0.42	Salt Creek	NORTH CREEKSIDE DR	PVC	682,014	937,755	1,603,901	0.42	50.4%	0
13806	13850	13849	18	56.9	1.77	Salt Creek	NORTH CREEKSIDE DR	PVC	676,024	929,772	1,578,404	0.29	66.4%	0
13808	9123	13850	18	481.8	0.423	Salt Creek	OTAY LAKES RD	PVC	676,024	929,779	1,577,841	0.38	55.8%	0
13811	13933	14006	42	298.9	0.25	Salt Creek	WILEY RD	PVC	6,033,812	8,240,944	10,307,585	0.38	54.8%	0
13812	13934	13933	42	596.5	0.22	Salt Creek	WILEY RD	PVC	6,033,812	8,241,309	10,300,954	0.40	52.6%	0
13813	13945	13944	36	598.4	0.62	Salt Creek	WILEY RD	PVC	5,517,873	7,556,597	9,494,702	0.37	56.9%	0
13814	13946	13945	36	600.0	0.60	Salt Creek	WILEY RD	PVC	5,517,873	7,557,820	9,483,742	0.37	56.9%	0
13815	13947	13946	36	593.7	0.62	Salt Creek	WILEY RD	PVC	5,517,873	7,559,470	9,473,093	0.37	56.9%	0
13816	13948	13947	36	483.4	0.63	Salt Creek	WILEY RD	PVC	5,517,873	7,561,522	9,462,875	0.36	57.3%	0
13817	13949	13948	36	597.3	0.22	Salt Creek	WILEY RD	PVC	4,801,977	6,584,505	8,474,456	0.42	50.7%	0
13818	13958	13957	30	600.0	0.34	Salt Creek	WILEY RD	PVC	3,785,455	5,195,665	7,003,964	0.50	41.3%	0
13819	13959	13958	30	317.3	1.58	Salt Creek	WILEY RD	PVC	3,785,455	5,196,142	6,994,450	0.39	54.0%	0
13820	13960	13959	30	568.0	1.08	Salt Creek	WILEY RD	PVC	3,785,455	5,196,354	6,989,364	0.33	60.7%	0
13821	13961	13960	30	569.7	1.08	Salt Creek	WILEY RD	PVC	3,785,455	5,196,820	6,980,334	0.35	58.8%	0



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13822	13962	13961	30	82.9	1.23	Salt Creek	WILEY RD	PVC	3,785,455	5,197,100	6,971,077	0.34	59.5%	0
13823	13963	13962	30	179.7	0.77	Salt Creek	WILEY RD	PVC	3,785,455	5,197,048	6,969,636	0.38	55.2%	0
13824	13964	13963	30	525.1	0.37	Salt Creek	WILEY RD	PVC	3,785,455	5,197,824	6,967,416	0.43	49.1%	0
13825	13987	13917	42	455.9	0.10	Main Street	MAIN ST	PVC	7,084,608	9,659,488	11,922,852	0.56	34.4%	0
13826	13989	13988	24	566.6	0.34	Salt Creek	PRIVATE RD	PVC	1,796,129	2,466,288	3,966,421	0.44	48.7%	0
13827	13990	13989	24	24.6	0.29	Salt Creek	PRIVATE RD	PVC	1,718,024	2,360,136	3,828,184	0.47	45.3%	0
13828	13991	13990	24	409.1	0.32	Salt Creek	PRIVATE RD	PVC	1,718,024	2,360,173	3,827,873	0.49	42.5%	0
13829	13992	13991	24	17.0	0.53	Salt Creek	PRIVATE RD	PVC	1,718,024	2,360,200	3,822,412	0.48	43.5%	0
13830	13993	13992	24	506.1	1.75	Salt Creek	HUNTE PY	PVC	1,718,024	2,360,251	3,822,221	0.39	53.9%	0
13831	13994	13993	24	515.0	1.577	Salt Creek	HUNTE PY	PVC	1,718,024	2,360,287	3,815,466	0.31	63.9%	0
13832	13995	13994	24	515.0	0.85	Salt Creek	HUNTE PY	PVC	1,718,024	2,360,308	3,808,581	0.35	59.2%	0
13833	13996	13995	24	515.0	1.30	Salt Creek	HUNTE PY	PVC	1,718,024	2,360,357	3,801,711	0.35	58.5%	0
13834	13997	13996	24	515.0	1.89	Salt Creek	HUNTE PY	PVC	1,718,024	2,360,402	3,794,838	0.31	63.5%	0
13835	13998	13997	24	477.2	0.89	Salt Creek	HUNTE PY	PVC	1,718,024	2,360,436	3,787,959	0.34	60.2%	0
13836	13999	14000	21	569.1	0.89	Salt Creek	HUNTE PY	PVC	1,586,625	2,180,640	3,471,185	0.40	53.5%	0
13837	14000	13998	21	599.4	1.597	Salt Creek	HUNTE PY	PVC	1,586,625	2,180,572	3,478,164	0.40	53.5%	0
13838	14001	13999	21	630.7	2.04	Salt Creek	OLYMPIC PY	PVC	1,586,625	2,180,733	3,464,577	0.38	54.9%	0
13839	14002	14001	21	351.3	1.11	Salt Creek	OLYMPIC PY	PVC	1,586,625	2,180,784	3,457,218	0.37	56.2%	0
13842	13965	13964	30	263.4	0.39	Salt Creek	PRIVATE RD	PVC	3,694,344	5,075,833	6,835,910	0.47	45.3%	0
13843	13966	14007	30	305.8	0.11	Salt Creek	PRIVATE RD	PVC	3,694,344	5,075,954	6,830,103	0.53	37.4%	0
13844	13967	13966	30	411.6	0.11	Salt Creek	PRIVATE RD	PVC	3,694,344	5,077,034	6,825,871	0.65	24.1%	0
13845	14004	13922	42	353.5	1.24	Main Street	WILEY RD	PVC	6,387,306	8,721,138	10,917,943	0.27	67.9%	0
13846	14005	13932	42	302.4	0.26	Salt Creek	PRIVATE RD	PVC	6,033,813	8,240,869	10,317,456	0.39	53.9%	0



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13847	14006	14005	42	123.1	0.34	Salt Creek	PRIVATE RD	PVC	6,033,812	8,240,885	10,310,396	0.38	55.1%	0
15420	13140	9105	15	209.4	2.10	Salt Creek	HUNTE PY	PVC	515,169	709,096	1,168,151	0.32	62.6%	0
15421	13141	13142	15	234.4	1.09	Salt Creek	HAWTHORNE CREEK DR	PVC	515,169	709,059	1,172,704	0.35	58.8%	0
15422	13142	13143	18	399.0	1.03	Salt Creek	RUSTIC WOOD ST	PVC	515,169	709,027	1,176,679	0.28	67.1%	0
15423	13143	13144	18	298.1	1.04	Salt Creek	RUSTIC WOOD ST	PVC	518,763	713,786	1,184,471	0.29	66.2%	0
15424	13144	13878	18	295.6	1.05	Salt Creek	OTAY LAKES RD	PVC	518,763	713,737	1,187,394	0.27	68.7%	0
15859	14033	14032	18	316.2	0.44	Salt Creek	SOUTH CREEKSIDE DR	PVC	776,952	1,067,678	1,912,219	0.46	45.4%	0
15860	14032	14031	18	266.9	0.39	Salt Creek	SOUTH CREEKSIDE DR	PVC	777,561	1,068,461	1,915,688	0.50	40.9%	0
15861	14031	14030	18	381.8	0.44	Salt Creek	SOUTH CREEKSIDE DR	PVC	778,226	1,069,302	1,920,374	0.37	56.0%	0
15862	14030	14029	18	188.6	8.02	Salt Creek	SOUTH CREEKSIDE DR	PVC	784,149	1,077,297	1,940,109	0.27	68.4%	0
15863	14029	14028	18	291.4	1.61	Salt Creek	PRIVATE RD	PVC	784,149	1,077,293	1,943,032	0.35	58.9%	0
15864	14028	14027	18	274.4	1.19	Salt Creek	PRIVATE RD	PVC	784,261	1,077,434	1,945,931	0.33	61.2%	0
15866	14027	13902	18	31.4	2.58	Salt Creek	PRIVATE RD	PVC	784,261	1,077,432	1,946,107	0.34	60.5%	0
15897	13916	14228	42	600.0	0.10	Main Street	MAIN ST	PVC	7,089,984	9,665,270	11,956,514	0.56	34.1%	0
15898	14228	14220	42	600.0	0.10	Main Street	MAIN ST	PVC	7,089,984	9,664,587	11,969,834	0.56	34.2%	0
15899	13915	13914	42	73.2	0.10	Main Street	MAIN ST	PVC	7,096,944	9,670,409	12,027,020	0.57	32.6%	0
15900	14224	13915	42	265.4	0.10	Main Street	MAIN ST	PVC	7,096,944	9,670,627	12,025,557	0.58	32.2%	0
15901	14223	14224	42	73.2	0.10	Main Street	MAIN ST	PVC	7,096,944	9,670,810	12,019,555	0.58	32.0%	0
15902	14226	14227	42	600.0	0.10	Main Street	MAIN ST	PVC	7,096,944	9,669,253	12,058,380	0.57	33.3%	0
15903	13914	14225	42	199.4	0.10	Main Street	MAIN ST	PVC	7,096,944	9,670,270	12,031,520	0.57	33.5%	0



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15904	14225	14226	42	600.0	0.10	Main Street	MAIN ST	PVC	7,096,944	9,669,953	12,045,148	0.56	33.9%	0
15905	14222	14223	42	600.0	0.098	Main Street	MAIN ST	PVC	7,090,708	9,663,241	12,010,298	0.57	32.5%	0
15906	14220	14221	42	600.0	0.10	Main Street	MAIN ST	PVC	7,089,984	9,663,909	11,983,105	0.56	34.5%	0
15907	14221	14222	42	598.1	0.10	Main Street	MAIN ST	PVC	7,090,708	9,664,109	11,997,180	0.56	33.8%	0
15908	14211	14235	42	955.5	0.10	Main Street	MAIN ST	PVC	7,378,667	10,023,232	12,585,799	0.57	32.7%	0
15909	14212	14211	42	146.8	0.10	Main Street	MAIN ST	PVC	7,111,132	9,686,820	12,093,362	0.58	32.1%	0
15910	14227	14213	42	268.5	0.10	Main Street	MAIN ST	PVC	7,099,024	9,671,387	12,066,774	0.57	32.6%	0
15912	14213	14212	42	331.5	0.10	Main Street	MAIN ST	PVC	7,105,854	9,680,059	12,083,190	0.58	32.2%	0
15913	14215	14071	42	78.0	0.45	Main Street	DATE ST	PVC	10,667,205	14,493,839	18,552,145	0.49	42.0%	0
15914	14216	14215	42	26.3	0.53	Main Street	OTAY VALLEY RD	PVC	10,666,781	14,492,462	18,549,757	0.51	40.1%	0
15915	14070	14214	42	204.4	1.11	Main Street	MAIN ST	PVC	10,668,516	14,494,775	18,559,202	0.36	58.2%	0
15916	14071	14070	42	22.6	1.42	Main Street	DATE ST	PVC	10,667,205	14,494,628	18,552,669	0.42	50.4%	0
15917	14217	14114	42	46.7	0.39	Main Street	MAIN ST	PVC	10,663,677	14,551,232	18,501,384	0.46	46.0%	0
15918	14218	14216	42	400.3	0.24	Main Street	OTAY VALLEY RD	PVC	10,666,781	14,508,649	18,549,173	0.54	36.4%	0
15919	14097	14218	42	133.4	0.33	Main Street	OTAY VALLEY RD	PVC	10,665,881	14,568,492	18,538,632	0.55	35.4%	0
15920	14099	14232	42	177.3	0.40	Main Street	OTAY VALLEY RD	PVC	10,664,637	14,627,071	18,529,780	0.51	39.9%	0
15921	14219	14099	42	129.1	0.16	Main Street	OTAY VALLEY RD	PVC	10,664,173	14,661,239	18,525,018	0.54	36.8%	0
15922	14103	14219	42	18.1	0.72	Main Street	PRIVATE RD	PVC	10,664,173	14,661,926	18,522,003	0.58	31.8%	0
15923	14229	14103	42	298.6	1.57	Main Street	OTAY VALLEY RD	PVC	10,664,173	14,739,863	18,521,626	0.45	47.3%	0
15924	14230	14229	42	298.6	1.40	Main Street	OTAY VALLEY RD	PVC	10,664,011	14,858,906	18,514,426	0.34	60.5%	0
15925	14231	14230	42	83.8	1.3	Main Street	OTAY VALLEY RD	PVC	10,664,011	15,012,032	18,507,423	0.37	56.7%	0
15926	14113	14231	42	90.8	1.17	Main Street	OTAY VALLEY RD	PVC	10,663,826	15,321,891	18,505,215	0.37	56.6%	0
15927	14114	14113	42	63.8	1.44	Main Street	OTAY VALLEY RD	PVC	10,663,677	14,900,687	18,502,888	0.37	56.9%	0



T-3. 2050 PWWF Model Result with Proposed Future Diameters

ID	From MH	To MH	Diameter Proposed in 2014 WWMP (in.)	Length (ft.)	Slope (%)	Basin	Street	Pipe Material	ADWF (gpd)	PDWF (gpd)	PWWF (gpd)	PWWF d/D	Hydraulic Capacity Remaining (%)	Project No.
15928	14115	14217	42	19.2	0.68	Main Street	MAIN ST	PVC	10,663,677	14,633,080	18,500,293	0.53	37.2%	0
15929	14232	14097	42	176.3	0.301	Main Street	OTAY VALLEY RD	PVC	10,664,872	14,591,889	18,534,201	0.54	36.9%	0
15930	14116	14115	42	268.5	1.49	Main Street	MAIN ST	PVC	10,663,677	14,470,404	18,499,859	0.43	49.3%	0
15931	14233	14116	42	400.0	0.10	Main Street	MAIN ST	PVC	7,378,667	10,022,092	12,614,214	0.44	48.5%	0
15932	14234	14233	42	289.7	0.10	Main Street	MAIN ST	PVC	7,378,667	10,022,165	12,604,890	0.55	35.1%	0
15933	14235	14234	42	567.9	0.10	Main Street	MAIN ST	PVC	7,378,667	10,022,426	12,598,327	0.56	33.8%	0
16314	13385	13139	15	276.7	2.10	Salt Creek	STONE GATE ST	PVC	515,169	709,145	1,163,114	0.30	65.2%	0
16315	13139	13140	15	398.1	2.25	Salt Creek	HUNTE PY	PVC	515,169	709,118	1,166,420	0.30	65.3%	0
16316	13137	13138	15	336.9	1.21	Salt Creek	HUNTE PY	PVC	362,965	499,843	880,377	0.45	46.7%	0
16317	13136	13137	15	400.5	2.19	Salt Creek	HUNTE PY	PVC	362,965	499,913	877,620	0.28	67.5%	0
16318	13135	13136	15	381.1	1.25	Salt Creek	HUNTE PY	PVC	323,686	445,182	819,526	0.27	67.8%	0
16319	13134	13135	15	410.5	0.94	Salt Creek	HUNTE PY	PVC	323,686	445,329	816,468	0.30	64.6%	0
16461	15046	15058	15	248.3	1.08	Salt Creek	WANDER ST	PVC	317,847	437,717	527,239	0.24	68.1%	P29
16462	15058	15066	15	288.6	1.04	Salt Creek	TRELLIS ST	PVC	326,373	449,437	548,859	0.24	67.6%	P29
16463	15066	15056	18	82.0	1.04	Salt Creek	HUNTE PY	PVC	1,115,554	1,540,522	1,685,726	0.34	54.5%	P43
16464	15056	15059	18	383.8	0.87	Salt Creek	HUNTE PY	PVC	1,164,154	1,608,319	1,756,093	0.36	51.7%	P43
16465	15059	15067	18	400.5	1.54	Salt Creek	HUNTE PY	PVC	1,164,154	1,608,317	1,758,771	0.31	58.5%	P43
16476	15067	15060	18	261.2	10.13	Salt Creek	HUNTE PY	PVC	1,164,154	1,608,317	1,760,520	0.19	74.3%	P43
16477	15060	15061	18	349.3	8.09	Salt Creek	HUNTE PY	PVC	1,208,566	1,670,272	1,824,814	0.21	72.3%	P43
16478	15061	15062	18	369.9	1.11	Salt Creek	HUNTE PY	PVC	1,208,566	1,670,270	1,827,288	0.35	53.9%	P43
16479	15062	15063	18	350.6	1.31	Salt Creek	HUNTE PY	PVC	1,208,566	1,670,269	1,829,635	0.33	55.9%	P43
16480	15063	15065	18	350.0	6.80	Salt Creek	HUNTE PY	PVC	1,208,566	1,670,268	1,831,978	0.22	70.9%	P43
16481	15065	15064	18	225.0	10.315	Salt Creek	HUNTE PY	PVC	1,208,566	1,670,268	1,833,483	0.20	73.7%	P43



T-3. 2050 PWWF Model Result with Proposed Future Diameters

ID	From MH	To MH	Diameter Proposed in 2014 WWMP (in.)	Length (ft.)	Slope (%)	Basin	Street	Pipe Material	ADWF (gpd)	PDWF (gpd)	PWWF (gpd)	PWWF d/D	Hydraulic Capacity Remaining (%)	Project No.
16482	15064	15069	18	336.9	1.13	Salt Creek	PRIVATE RD	PVC	1,208,566	1,670,266	1,835,738	0.35	54.0%	P43
16492	13902	14012	21	112.6	3.43	Salt Creek	PRIVATE RD	PVC	1,586,625	2,180,832	3,447,469	0.28	66.6%	0
16493	14012	14013	21	14.4	7.52	Salt Creek	OLYMPIC PY	PVC	1,586,625	2,180,832	3,447,638	0.29	65.8%	0
16494	14013	14014	21	156.5	1.71	Salt Creek	OLYMPIC PY	PVC	1,586,625	2,180,827	3,449,467	0.55	35.1%	0
16495	14014	14025	21	40.4	0.44	Salt Creek	OLYMPIC PY	PVC	1,586,625	2,180,802	3,449,930	0.62	26.9%	0
16496	14025	14010	21	94.7	6.34	Salt Creek	OLYMPIC PY	PVC	1,586,627	2,180,802	3,451,039	0.31	63.2%	0
16543	14074	15114	42	544.2	0.35	Main Street	MAIN ST	PVC	10,669,383	14,484,011	18,576,248	0.44	48.8%	0
16544	15114	14069	42	499.2	1.36	Main Street	MAIN ST	PVC	10,669,383	14,481,307	18,587,896	0.34	60.2%	0
16545	14069	14068	42	32.9	1.34	Main Street	MAIN ST	PVC	10,672,861	14,485,080	18,593,198	0.35	59.2%	0
16546	14068	14067	42	507.5	1.119	Main Street	MAIN ST	PVC	10,674,014	14,485,935	18,606,576	0.46	46.4%	0
16547	14067	14066	42	600.0	0.29	Main Street	MAIN ST	PVC	10,675,312	14,486,124	18,622,192	0.45	46.9%	0
16548	14066	14082	42	590.0	1.25	Main Street	MAIN ST	PVC	10,677,885	14,489,152	18,639,310	0.36	58.2%	0
16549	14082	14077	42	585.0	1.24	Main Street	MAIN ST	PVC	10,682,536	14,495,052	18,659,052	0.34	60.6%	0
16550	14077	14065	42	47.3	1.99	Main Street	PRIVATE DY	PVC	10,682,536	14,495,010	18,660,148	0.35	58.4%	0
16551	14065	14072	42	510.7	0.71	Main Street	MAIN ST	PVC	10,683,197	14,495,816	18,672,949	0.40	52.6%	0
16552	14072	14073	42	474.3	0.71	Main Street	MAIN ST	PVC	10,683,770	14,496,503	18,684,796	0.40	52.7%	0
16553	14073	14095	42	71.1	0.72	Main Street	MAIN ST	PVC	10,684,100	14,496,902	18,686,874	0.43	49.1%	0
16555	13911	14129	42	600.0	0.22	Main Street	MAIN ST	PVC	10,694,344	14,509,339	18,727,831	0.58	31.5%	0
16556	14129	14128	42	600.0	0.22	Main Street	MAIN ST	PVC	10,695,822	14,511,169	18,743,574	0.50	41.6%	0
16557	14128	14127	42	600.0	0.77	Main Street	MAIN ST	PVC	10,696,082	14,511,465	18,757,878	0.43	49.3%	0
16558	14127	14126	42	600.0	0.48	Main Street	MAIN ST	PVC	10,698,201	14,514,185	18,774,618	0.43	49.2%	0
16559	14126	14125	42	45.0	0.76	Main Street	MAIN ST	PVC	10,698,425	14,514,460	18,775,937	0.41	52.1%	0
16560	14125	13912	42	254.1	0.63	Main Street	MAIN ST	PVC	10,699,497	14,515,857	18,783,284	0.43	50.0%	0



T-3. 2050 PWWF Model Result with Proposed Future Diameters

ID	From MH	To MH	Diameter Proposed in 2014 WWMP (in.)	Length (ft.)	Slope (%)	Basin	Street	Pipe Material	ADWF (gpd)	PDWF (gpd)	PWWF (gpd)	PWWF d/D	Hydraulic Capacity Remaining (%)	Project No.
16561	13912	14117	42	600.0	0.62	Main Street	MAIN ST	PVC	10,700,349	14,516,973	18,798,460	0.41	52.2%	0
16562	14117	14120	42	600.0	0.91	Main Street	MAIN ST	PVC	10,702,021	14,519,112	18,814,624	0.39	54.4%	0
16563	14120	14122	42	575.0	0.74	Main Street	MAIN ST	PVC	10,708,020	14,526,904	18,835,848	0.42	50.1%	0
16564	14122	14121	42	51.2	0.49	Main Street	JACQUA ST	PVC	10,708,020	14,526,884	18,837,012	0.47	44.2%	0
16565	14121	14123	42	164.2	0.38	Main Street	MAIN ST	PVC	10,708,155	14,527,066	18,841,042	0.46	46.2%	0
16566	14123	14119	42	535.6	0.65	Main Street	MAIN ST	PVC	10,708,285	14,527,217	18,853,727	0.45	46.6%	0
16567	14119	14124	42	384.2	0.35	Main Street	MAIN ST	PVC	10,708,285	14,527,159	18,862,633	0.55	34.9%	0
16568	14124	GTWY_MH_03	42	92.9	0.27	Main Street	INDUSTRIAL BL	PVC	10,710,094	14,529,695	18,867,300	0.64	25.3%	0
16569	14003	14118	42	211.0	2.60	Main Street	I-5 NB ON RA	PVC	12,154,563	16,457,705	21,361,532	0.42	50.9%	0
16570	14118	OUTF_ALL_9152	42	1127.4	0.38	Main Street	I-5 NB ON RA	PVC	12,154,624	16,457,597	21,387,779	0.52	39.1%	0
16749	14040	14039	18	304.5	3.21	Salt Creek	NORTH CREEKSIDE DR	PVC	680,687	936,023	1,595,421	0.33	60.8%	0
16751	14041	14040	18	182.5	2.97	Salt Creek	NORTH CREEKSIDE DR	PVC	677,952	932,390	1,588,650	0.25	70.7%	0
16753	13849	14041	18	149.8	2.63	Salt Creek	NORTH CREEKSIDE DR	PVC	676,133	929,916	1,580,053	0.26	69.9%	0
16807	15288	15066	15	14.7	1.88	Salt Creek	HUNTE PY	PVC	701,077	969,140	1,000,174	0.31	58.1%	P29
16808	15289	15288	15	211.8	2.083	Salt Creek	HUNTE PY	PVC	701,077	969,140	1,000,076	0.31	58.7%	P29
16809	15287	15289	15	399.9	1.04	Salt Creek	HUNTE PY	PVC	701,077	969,142	998,659	0.31	58.5%	P29
17086	13878	9123	15	336.8	2.51	Salt Creek	OTAY LAKES RD	PVC	518,763	713,714	1,190,190	0.41	52.1%	0
17093	15538	13980	18	174.0	0.58	Salt Creek	PRIVATE RD	PVC	1,208,566	1,670,265	1,840,392	0.42	44.7%	P30
17094	13979	13978	24	406.7	0.23	Salt Creek	PRIVATE RD	PVC	3,317,897	4,565,699	6,253,276	0.69	19.4%	0



T-3. 2050 PWWF Model Result with Proposed Future Diameters

ID	From MH	To MH	Diameter Proposed in 2014 WWMP (in.)	Length (ft.)	Slope (%)	Basin	Street	Pipe Material	ADWF (gpd)	PDWF (gpd)	PWWF (gpd)	PWWF d/D	Hydraulic Capacity Remaining (%)	Project No.
17095	13978	13977	24	400.0	0.23	Salt Creek	PRIVATE RD	PVC	3,317,897	4,564,617	6,257,975	0.67	20.9%	0
17096	13977	13976	24	187.4	0.24	Salt Creek	PRIVATE RD	PVC	3,317,897	4,564,299	6,260,124	0.64	24.4%	0
17097	13976	13975	24	164.5	0.26	Salt Creek	PRIVATE RD	PVC	3,317,897	4,564,090	6,262,030	0.63	25.6%	0
17098	13975	14026	24	200.0	3.30	Salt Creek	PRIVATE RD	PVC	3,317,897	4,564,083	6,264,701	0.34	60.0%	0
17099	14026	13974	24	231.3	3.11	Salt Creek	PRIVATE RD	PVC	3,317,897	4,564,048	6,267,771	0.33	60.7%	0
17100	13974	13973	24	154.2	3.89	Salt Creek	PRIVATE RD	PVC	3,325,144	4,573,486	6,279,280	0.33	61.6%	0
17101	13973	13972	24	220.5	4.09	Salt Creek	PRIVATE RD	PVC	3,325,144	4,573,463	6,282,212	0.31	63.9%	0
17102	13972	13971	24	348.9	6.32	Salt Creek	PRIVATE RD	PVC	3,325,144	4,573,413	6,286,840	0.29	65.6%	0
17103	13971	13985	24	283.3	5.30	Salt Creek	PRIVATE RD	PVC	3,694,344	5,080,252	6,797,961	0.31	63.1%	0
17104	13985	13970	24	400.0	4.25	Salt Creek	PRIVATE RD	PVC	3,694,344	5,079,963	6,803,103	0.38	55.3%	0
17105	13970	13969	24	377.9	1.45	Salt Creek	PRIVATE RD	PVC	3,694,346	5,079,465	6,807,781	0.43	48.9%	0
17106	13969	13968	24	328.1	1.45	Salt Creek	PRIVATE RD	PVC	3,694,344	5,079,097	6,811,888	0.51	40.2%	0
17107	13968	14009	30	177.3	0.38	Salt Creek	PRIVATE RD	PVC	3,694,344	5,078,521	6,814,405	0.45	46.9%	0
17111	15069	15542	18	128.1	5.10	Salt Creek	PRIVATE RD	PVC	1,208,566	1,670,266	1,836,595	0.24	68.7%	P43
17112	15542	15538	18	393.6	3.944	Salt Creek	PRIVATE RD	PVC	1,208,566	1,670,265	1,839,228	0.25	66.7%	P42
17528	13881	14035	18	303.9	0.42	Salt Creek	NORTH CREEKSIDE DR	PVC	715,006	982,738	1,714,988	0.45	47.4%	0
17549	14095	15953	42	455.3	0.71	Main Street	MAIN ST	PVC	10,686,191	14,499,612	18,700,258	0.38	55.8%	0
17550	15953	13911	42	144.7	2.54	Main Street	MAIN ST	PVC	10,693,214	14,507,954	18,712,403	0.43	49.9%	0
CDT-59	GTWY_MH_03	14003	42	602.4	0.23	Main Street	INDUSTRIAL BL	PVC	12,147,879	16,448,977	21,347,870	0.48	43.3%	0
IECGM101	IECMH 30	IECMH 36	15	865.7	0.40	Salt Creek	PRIVATE RD	-	342,086	471,884	471,885	0.29	61.5%	SCP-2



T-3. 2050 PWWF Model Result with Proposed Future Diameters

ID	From MH	To MH	Diameter Proposed in 2014 WWMP (in.)	Length (ft.)	Slope (%)	Basin	Street	Pipe Material	ADWF (gpd)	PDWF (gpd)	PWWF (gpd)	PWWF d/D	Hydraulic Capacity Remaining (%)	Project No.
IECGM107	IECMH 10	IECMH 40	15	844.9	0.40	Salt Creek	HERITAGE RD	-	279,971	385,317	385,315	0.26	65.5%	SCP-1
IECGM109	IECMH 40	IECMH 42	15	936.1	0.41	Salt Creek	HERITAGE RD	-	279,971	385,275	385,275	0.26	65.6%	SCP-1
IECGM111	IECMH 42	IECMH 44	15	897.4	0.40	Salt Creek	HERITAGE RD	-	279,971	385,188	385,188	0.34	55.3%	SCP-1
IECGM113	IECMH 44	IECMH 46	15	1349.9	0.40	Salt Creek	MAXWELL RD	-	683,117	940,859	940,859	0.41	44.9%	SCP-1
IECGM115	IECMH 46	IECMH 48	15	1211.3	0.40	Salt Creek	ENERGY WY	-	683,117	940,795	940,795	0.42	44.4%	SCP-1
IECGM117	IECMH 48	13922	15	1027.2	0.40	Salt Creek	ENERGY WY	-	683,117	940,736	940,736	0.40	46.4%	SCP-1
IECGM119	IECMH 36	14004	15	4295.4	0.40	Salt Creek	PRIVATE RD	-	342,086	469,729	469,734	0.28	62.8%	SCP-2
IECGM121	IECMH 50	IECMH 56	12	709.0	0.40	Salt Creek	MAGDALENA AV	-	97,032	134,500	134,500	0.21	59.0%	SCP-2
IECGM127	IECMH 56	IECMH 26	12	1041.9	0.40	Salt Creek	ROCK MTN RD	-	97,032	134,378	134,378	0.24	51.2%	SCP-2
IECGM87	IECMH 26	IECMH 28	15	1005.3	0.40	Salt Creek	LA MEDIA RD	-	212,148	292,887	292,887	0.23	70.0%	SCP-2
IECGM89	IECMH 28	IECMH 22	15	1933.6	0.40	Salt Creek	LA MEDIA RD	-	212,148	292,814	292,814	0.26	65.9%	SCP-2
IECGM91	IECMH 22	IECMH 30	15	1167.2	0.40	Salt Creek	PRIVATE RD	-	342,086	471,974	471,974	0.29	61.9%	SCP-2

Hunte Pkwy Extension

9119	13980	IECMH 58	24	22.1	0.27	Salt Creek	PRIVATE RD	PVC	-	-	4,670,826	0.71	16.8%	0
17093	15538	13980	12	174.0	0.58	Salt Creek	PRIVATE RD	PVC	-	-	697,854	0.44	12.0%	P30
9119_B	IECMH 58	13979	24	294.5	0.23	Salt Creek	-	-	-	-	5,813,201	0.66	22.7%	0



T-3. 2050 PWWF Model Result with Proposed Future Diameters

ID	From MH	To MH	Diameter Proposed in 2014 WWMP (in.)	Length (ft.)	Slope (%)	Basin	Street	Pipe Material	ADWF (gpd)	PDWF (gpd)	PWWF (gpd)	PWWF d/D	Hydraulic Capacity Remaining (%)	Project No.
IECGM161	15538	IECMH 60	16	12.2	0.94	Salt Creek	PRIVATE RD	-	-	-	1,142,542	0.36	51.9%	Hunte Pkwy
IECGM163	IECMH 60	IECMH 58	16	237.3	0.51	Salt Creek	-	-	-	-	1,142,542	0.45	40.5%	Hunte Pkwy