

**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
1295	Out	1295	23802	8	PVC
1802	Out	1802	13131	33	RCP
1802	In	15378	1802	33	RCP
1802	In	2026	1802	8	CT
1803	Out	1803	13131	8	CT
1803	In	13765	1803	8	CT
2040	Out	2040	87720	12	PVC
2040	In	15267	2040	12	PVC
2041	Out	2041	15267	12	RL
2041	In	2243	2041	12	PVC
2041	In	2042	2041	8	HDPE
2044	Out	2044	2528	15	PVC
2044	In	2095	2044	15	PVC
2095	Out	2095	2044	15	PVC
2095	In	2094	2095	15	PVC
2096	Out	2096	2239	8	PVC
2110	Out	2110	2931	8	VCP
2110	In	15505	2110	8	CP
2110	In	1919	2110	8	VCP
2110	In	2759	2110	8	VCP
2132	Out	2132	2320	27	RCP
2132	In	2238	2132	27	RCP
2237	Out	2237	2524	8	PVC
2237	In	2480	2237	8	PVC
2238	Out	2238	2132	27	RCP
2238	In	2762	2238	27	RCP
2240	Out	2240	2526	27	PVC
2240	In	15272	2240	27	PVC
2240	In	2525	2240	8	PVC
2241	Out	2241	2242	24	RCP
2241	In	15273	2241	8	PVC
2241	In	2527	2241	24	PVC
2242	Out	2242	15271	24	PVC
2242	In	2241	2242	24	RCP
2243	Out	2243	2041	12	PVC
2243	In	2530	2243	8	PVC
2243	In	2603	2243	12	PVC
2524	Out	2524	2479	8	PVC
2524	In	2237	2524	8	PVC
2525	Out	2525	2240	8	PVC
2525	In	2239	2525	8	PVC
2526	Out	2526	2966	27	RCP
2526	In	2240	2526	27	PVC
2527	Out	2527	2241	24	PVC
2527	In	2094	2527	24	PVC

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MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
2528	Out	2528	15272	15	PVC
2528	In	2044	2528	15	PVC
2553	Out	2553	15537	12	PVC
2553	In	5055	2553	8	HDPE
2553	In	3408	2553	12	PVC
2605	Out	2605	2914	12	PVC
2605	In	15536	2605	12	PVC
2628	Out	2628	2627	33	RCP
2628	In	3016	2628	33	RCP
2642	Out	2642	3052	33	RCP
2642	In	2643	2642	33	RCP
2643	Out	2643	2642	33	RCP
2643	In	3056	2643	36	RCP
2729	Out	2729	2930	8	VCP
2729	In	2931	2729	8	VCP
2729	In	2428	2729	8	CT
2731	Out	2731	4072	8	VCP
2731	In	15349	2731	8	VCP
2758	Out	2758	2961	8	VCP
2758	In	2962	2758	8	CP
2761	Out	2761	2168	20	CAS
2761	In	415734	2761	27	RCP
2762	Out	2762	2238	27	RCP
2762	In	1764	2762	27	CAS
2839	Out	2839	3016	33	RCP
2839	In	3052	2839	33	RCP
2839	In	3017	2839	8	VCP
2839	In	1916	2839	8	CAS
2910	Out	2910	16644	27	RCP
2910	In	2320	2910	27	RCP
2930	Out	2930	3056	36	RCP
2930	In	2729	2930	8	VCP
2930	In	2933	2930	36	CAS
2931	Out	2931	2729	8	VCP
2931	In	2110	2931	8	VCP
2931	In	4995	2931	8	CP
2932	Out	2932	2113	36	RCP
2932	In	2963	2932	36	CAS
2933	Out	2933	2930	36	CAS
2933	In	2730	2933	36	CAS
2934	Out	2934	15346	8	PVC
2934	In	16658	2934	8	PVC
2937	Out	2937	2960	15	VCP
2937	In	4944	2937	10	VCP
2937	In	5276	2937	15	VCP

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MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
2961	Out	2961	15351	21	VCP
2961	In	2758	2961	8	VCP
2961	In	5067	2961	21	PVC
2962	Out	2962	2758	8	CP
2963	Out	2963	2932	36	CAS
2963	In	15352	2963	36	RCP
2965	Out	2965	3817	27	PVC
2965	In	1773	2965	20	CAS
2966	Out	2966	1763	27	CAS
2966	In	2526	2966	27	RCP
3016	Out	3016	2628	33	RCP
3016	In	2839	3016	33	RCP
3052	Out	3052	2839	33	RCP
3052	In	2642	3052	33	RCP
3052	In	2840	3052	8	CT
3223	Out	3223	3336	15	VCP
3223	In	984062	3223	8	CT
3223	In	15508	3223	15	VCP
3224	Out	3224	15507	10	VCP
3224	In	4810	3224	10	VCP
3336	Out	3336	15506	15	VCP
3336	In	4769	3336	8	VCP
3336	In	3223	3336	15	VCP
3811	Out	3811	4908	27	RCP
3811	In	16629	3811	27	RCP
3811	In	3812	3811	8	CP
3817	Out	3817	3818	27	RL
3817	In	3819	3817	12	PVC
3817	In	2965	3817	27	PVC
3818	Out	3818	5048	27	RL
3818	In	3817	3818	27	RL
3819	Out	3819	3817	12	PVC
3819	In	87790	3819	12	PVC
3820	Out	3820	415734	27	PVC
3820	In	16644	3820	27	RCP
3951	Out	3951	16658	8	PVC
3951	In	3952	3951	8	PVC
4072	Out	4072	4071	8	VCP
4072	In	2731	4072	8	VCP
4176	Out	4176	4177	8	CP
4176	In	4175	4176	8	CP
4177	Out	4177	5489	8	CP
4177	In	4176	4177	8	CP
4260	Out	4260	5573	15	PVC
4260	In	5569	4260	15	PVC

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MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
4261	Out	4261	5395	10	PVC
4261	In	5391	4261	10	PVC
4268	Out	4268	916962	15	CP
4268	In	902392	4268	15	CP
4268	In	396758	4268	8	CP
4768	Out	4768	5005	8	PVC
4768	In	4983	4768	8	PVC
4769	Out	4769	3336	8	VCP
4769	In	5005	4769	8	PVC
4771	Out	4771	5023	8	HDPE
4771	In	5006	4771	8	HDPE
4810	Out	4810	3224	10	VCP
4810	In	567219	4810	8	VCP
4813	Out	4813	5026	15	CP
4814	Out	4814	16629	27	RL
4814	In	5048	4814	27	RL
4900	Out	4900	5050	8	PVC
4915	Out	4915	5113	8	PVC
4915	In	15347	4915	8	PVC
4944	Out	4944	2937	10	VCP
4944	In	15507	4944	10	VCP
5005	Out	5005	4769	8	PVC
5005	In	4768	5005	8	PVC
5006	Out	5006	4771	8	HDPE
5006	In	4770	5006	8	HDPE
5026	Out	5026	567219	8	VCP
5026	In	5050	5026	8	CT
5026	In	4813	5026	15	CP
5050	Out	5050	5026	8	CT
5050	In	4900	5050	8	PVC
5050	In	16637	5050	8	PVC
5052	Out	5052	16640	8	PVC
5052	In	16638	5052	8	PVC
5053	Out	5053	16640	8	PVC
5053	In	948130	5053	8	HDPE
5053	In	16643	5053	8	VCP
5113	Out	5113	16657	8	PVC
5113	In	16716	5113	8	PVC
5113	In	4915	5113	8	PVC
5138	Out	5138	5272	8	PVC
5138	In	5271	5138	8	PVC
5142	Out	5142	5275	8	VCP
5142	In	16739	5142	8	HDPE
5143	Out	5143	5276	8	VCP
5143	In	5141	5143	8	VCP

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MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
5144	Out	5144	5278	8	VCP
5144	In	5277	5144	8	HDPE
5185	Out	5185	4989	8	PVC
5237	Out	5237	5103	24	RCP
5237	In	5104	5237	24	PVC
5237	In	16656	5237	8	PVC
5237	In	16657	5237	8	PVC
5238	Out	5238	5104	24	PVC
5238	In	16717	5238	24	PVC
5272	Out	5272	5141	8	VCP
5272	In	16732	5272	8	VCP
5272	In	5138	5272	8	PVC
5273	Out	5273	5141	8	PVC
5273	In	5140	5273	8	PVC
5275	Out	5275	5276	8	VCP
5275	In	5142	5275	8	VCP
5275	In	5278	5275	8	VCP
5276	Out	5276	2937	15	VCP
5276	In	5275	5276	8	VCP
5276	In	5143	5276	8	VCP
5276	In	4115	5276	15	VCP
5278	Out	5278	5275	8	VCP
5278	In	5144	5278	8	VCP
5315	Out	5315	902392	15	VCP
5315	In	396754	5315	8	VCP
5315	In	5451	5315	15	CP
5351	Out	5351	5490	10	PVC
5391	Out	5391	4261	10	PVC
5391	In	5490	5391	10	PVC
5391	In	5392	5391	8	VCP
5395	Out	5395	5574	10	PVC
5395	In	4261	5395	10	PVC
5396	Out	5396	5574	8	VCP
5396	In	4258	5396	8	CP
5397	Out	5397	16795	15	CP
5397	In	5574	5397	8	VCP
5397	In	5573	5397	15	PVC
5398	Out	5398	5575	15	CP
5398	In	5393	5398	8	CP
5398	In	16797	5398	15	CP
5400	Out	5400	16803	8	VCP
5400	In	5577	5400	8	CP
5401	Out	5401	16803	8	RL
5407	Out	5407	4266	15	VCP
5407	In	4267	5407	15	VCP

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MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
5407	In	375516	5407	8	VCP
5451	Out	5451	5315	15	CP
5451	In	16761	5451	15	PVC
5451	In	396753	5451	8	VCP
5486	Out	5486	16770	12	PVC
5486	In	375552	5486	12	VCP
5486	In	5348	5486	15	PVC
5489	Out	5489	16777	15	PVC
5489	In	16773	5489	15	VCP
5489	In	4177	5489	8	CP
5490	Out	5490	5391	10	PVC
5490	In	4194	5490	8	CP
5490	In	5351	5490	10	PVC
5569	Out	5569	4260	15	PVC
5569	In	5354	5569	8	VCP
5569	In	16777	5569	15	PVC
5573	Out	5573	5397	15	PVC
5573	In	4260	5573	15	PVC
5574	Out	5574	5397	8	VCP
5574	In	5395	5574	10	PVC
5574	In	5396	5574	8	VCP
5578	Out	5578	16803	15	VCP
5578	In	16799	5578	15	RL
6345	Out	6345	24169	18	RL
6345	In	464579	6345	18	RL
7392	Out	7392	23784	24	RCP
7392	In	10737	7392	15	CP
7394	Out	7394	23790	18	CP
7394	In	10924	7394	12	VCP
7472	Out	7472	10914	54	FRP
7472	In	923310	7472	54	FRP
7474	Out	7474	7475	6	VCP
7474	In	2162	7474	6	VCP
7475	Out	7475	9994	6	VCP
7475	In	7474	7475	6	VCP
7477	Out	7477	7539	18	VCP
7477	In	24586	7477	18	CP
7477	In	7478	7477	8	CT
7478	Out	7478	7477	8	CT
7478	In	7479	7478	8	PVC
7539	Out	7539	10927	18	VCP
7539	In	7477	7539	18	VCP
7539	In	1025283	7539	8	VCP
7540	Out	7540	10927	8	CT
7540	In	10039	7540	6	CT

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MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
7540	In	15058	7540	8	CT
7541	Out	7541	7542	10	VCP
7541	In	565789	7541	10	CP
7541	In	10930	7541	8	PVC
7542	Out	7542	565519	10	CP
7542	In	7543	7542	8	CT
7542	In	7541	7542	10	VCP
7601	Out	7601	7600	12	HDPE
7601	In	23816	7601	12	HDPE
7619	Out	7619	7620	8	PVC
7619	In	11062	7619	8	PVC
7620	Out	7620	24501	8	PVC
7620	In	7619	7620	8	PVC
7664	Out	7664	11063	8	PVC
7664	In	24501	7664	8	PVC
7675	Out	7675	567173	54	RCP
7675	In	7676	7675	24	RCP
7675	In	11072	7675	48	RCP
7676	Out	7676	7675	24	RCP
7676	In	11933	7676	24	RCP
7677	Out	7677	7678	21	CP
7677	In	10898	7677	21	CP
7678	Out	7678	11074	21	CP
7678	In	7677	7678	21	CP
7808	Out	7808	7809	8	HDPE
7808	In	936368	7808	8	HDPE
7808	In	11315	7808	8	HDPE
7809	Out	7809	11318	8	HDPE
7809	In	7808	7809	8	HDPE
7810	Out	7810	7811	8	CP
7810	In	11318	7810	8	RL
7811	Out	7811	10908	8	VCP
7811	In	7810	7811	8	CP
7843	Out	7843	11353	15	PVC
7843	In	10403	7843	15	PVC
8061	Out	8061	8069	18	VCP
8061	In	10622	8061	18	VCP
8061	In	434217	8061	8	VCP
8067	Out	8067	965176	18	VCP
8067	In	8068	8067	18	VCP
8067	In	422730	8067	8	CP
8069	Out	8069	8068	18	VCP
8069	In	8061	8069	18	VCP
8470	Out	8470	8471	8	HDPE
8470	In	11943	8470	8	HDPE

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MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
8471	Out	8471	8472	8	RL
8471	In	10945	8471	8	RL
8471	In	8470	8471	8	HDPE
8472	Out	8472	8473	8	HDPE
8472	In	8471	8472	8	RL
8473	Out	8473	10912	18	VCP
8473	In	11968	8473	18	VCP
8473	In	8472	8473	8	HDPE
9623	Out	9623	30881	20	CP
9623	In	10068	9623	20	VCP
9911	Out	9911	23783	15	PVC
9911	In	23782	9911	18	VCP
9911	In	23789	9911	6	CT
9929	Out	9929	23753	24	RCP
9929	In	10777	9929	24	RCP
9930	Out	9930	9993	24	RCP
9930	In	10780	9930	24	PVC
9932	Out	9932	7435	15	VCP
9932	In	990508	9932	15	VCP
9994	Out	9994	10886	54	RCP
9994	In	7475	9994	6	VCP
9994	In	10885	9994	54	RCP
9995	Out	9995	1004075	54	RCP
9995	In	10886	9995	54	RCP
9996	Out	9996	23776	30	PVC
9996	In	10887	9996	24	RCP
10023	Out	10023	565788	10	CP
10023	In	900632	10023	8	CT
10023	In	10889	10023	8	PVC
10023	In	10040	10023	8	CT
10024	Out	10024	10780	8	VCP
10024	In	9931	10024	8	VCP
10034	Out	10034	10923	48	HDPE
10034	In	10586	10034	48	RCP
10038	Out	10038	10928	8	VCP
10039	Out	10039	7540	6	CT
10068	Out	10068	9623	20	VCP
10068	In	10932	10068	20	VCP
10081	Out	10081	472861	8	CP
10081	In	10082	10081	8	PVC
10081	In	472862	10081	8	XXX
10082	Out	10082	10081	8	PVC
10082	In	11029	10082	8	PVC
10082	In	11028	10082	8	PVC
10138	Out	10138	11064	8	PVC

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MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
10138	In	11063	10138	8	PVC
10140	Out	10140	24088	36	RCP
10140	In	11065	10140	36	RCP
10140	In	23819	10140	36	RCP
10141	Out	10141	10468	30	DIP
10141	In	11066	10141	30	RCP
10280	Out	10280	7890	12	CP
10280	In	901633	10280	12	CP
10283	Out	10283	986154	8	HDPE
10283	In	10285	10283	8	CP
10283	In	7765	10283	8	CP
10300	Out	10300	7840	8	HDPE
10300	In	24162	10300	8	PVC
10396	Out	10396	11347	8	CP
10400	Out	10400	11352	8	HDPE
10400	In	10909	10400	8	HDPE
10401	Out	10401	11462	15	PVC
10401	In	11352	10401	15	PVC
10403	Out	10403	7843	15	PVC
10403	In	7890	10403	15	PVC
10403	In	24177	10403	8	CP
10468	Out	10468	11065	36	RCP
10468	Out	10468	23819	36	RCP
10468	In	24074	10468	36	RCP
10468	In	10141	10468	30	DIP
10586	Out	10586	10034	48	RCP
10586	In	1483	10586	48	HDPE
10621	Out	10621	11636	18	VCP
10621	In	11635	10621	18	VCP
10622	Out	10622	8061	18	VCP
10622	In	11636	10622	18	VCP
10737	Out	10737	7392	15	CP
10737	In	23783	10737	15	PVC
10778	Out	10778	23754	54	RCP
10778	In	9928	10778	54	RCP
10779	Out	10779	10883	54	RCP
10779	In	23756	10779	54	RCP
10780	Out	10780	9930	24	PVC
10780	In	10024	10780	8	VCP
10780	In	10781	10780	18	VCP
10780	In	921936	10780	24	RCP
10781	Out	10781	10780	18	VCP
10781	In	9977	10781	18	VCP
10799	Out	10799	538455	12	PVC
10799	In	13664	10799	12	DIP

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MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
10800	Out	10800	13824	8	VCP
10800	In	13004	10800	8	DIP
10818	Out	10818	13132	8	CT
10818	In	10817	10818	8	RL
10884	Out	10884	923310	24	PVC
10884	In	9993	10884	24	RCP
10885	Out	10885	9994	54	RCP
10885	In	959977	10885	54	RCP
10886	Out	10886	9995	54	RCP
10886	In	9994	10886	54	RCP
10887	Out	10887	9996	24	RCP
10887	In	498967	10887	24	RCP
10889	Out	10889	10023	8	PVC
10889	In	10022	10889	8	PVC
10898	Out	10898	7677	21	CP
10898	In	10899	10898	21	CP
10899	Out	10899	10898	21	CP
10899	In	24626	10899	21	CP
10908	Out	10908	24163	15	RL
10908	In	24640	10908	15	RL
10908	In	7811	10908	8	VCP
10909	Out	10909	10400	8	HDPE
10909	In	11942	10909	8	HDPE
10909	In	8476	10909	8	PVC
10910	Out	10910	11967	18	PVC
10910	In	10912	10910	18	VCP
10911	Out	10911	24639	18	PVC
10911	In	24638	10911	18	PVC
10911	In	11967	10911	18	PVC
10912	Out	10912	10910	18	VCP
10912	Out	10912	24638	18	PVC
10912	In	8473	10912	18	VCP
10914	Out	10914	959977	42	FRP
10914	Out	10914	959977	42	FRP
10914	In	7472	10914	54	FRP
10917	Out	10917	10028	24	VCP
10917	In	7484	10917	8	VCP
10917	In	23784	10917	24	BR
10918	Out	10918	7485	54	RCP
10918	In	23781	10918	54	RCP
10920	Out	10920	10030	18	VCP
10920	In	10031	10920	18	VCP
10924	Out	10924	7394	12	VCP
10927	Out	10927	10928	18	VCP
10927	In	7540	10927	8	CT

*SAWS does not guarantee the accuracy of this table

**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
10927	In	7539	10927	18	VCP
10928	Out	10928	23797	18	VCP
10928	In	10038	10928	8	VCP
10928	In	10927	10928	18	VCP
10929	Out	10929	11017	18	VCP
10929	In	918320	10929	6	CT
10929	In	23797	10929	18	VCP
10931	Out	10931	10932	18	VCP
10931	In	11017	10931	18	VCP
10932	Out	10932	10068	20	VCP
10932	In	10931	10932	18	VCP
10945	Out	10945	8471	8	RL
10945	In	11973	10945	8	VCP
10945	In	8478	10945	8	CT
11017	Out	11017	10931	18	VCP
11017	In	10929	11017	18	VCP
11028	Out	11028	10082	8	PVC
11028	In	7606	11028	8	PVC
11062	Out	11062	7619	8	PVC
11063	Out	11063	10138	8	PVC
11063	In	7664	11063	8	PVC
11063	In	7665	11063	8	CP
11064	Out	11064	10139	36	RCP
11064	In	10138	11064	8	PVC
11064	In	24087	11064	36	RCP
11065	Out	11065	10140	36	RCP
11065	In	10468	11065	36	RCP
11066	Out	11066	10141	30	RCP
11066	In	11349	11066	30	RCP
11072	Out	11072	7675	48	RCP
11072	In	24094	11072	48	RCP
11074	Out	11074	563925	21	CP
11074	In	7678	11074	21	CP
11225	Out	11225	24113	8	CP
11225	In	10189	11225	8	CP
11275	Out	11275	11276	8	CT
11275	In	14220	11275	8	CT
11276	Out	11276	13534	21	PVC
11276	In	11275	11276	8	CT
11280	Out	11280	11279	10	CP
11280	In	11281	11280	10	VCP
11281	Out	11281	11280	10	VCP
11281	In	14000	11281	10	CP
11318	Out	11318	7810	8	RL
11318	In	10389	11318	8	CP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
11318	In	7809	11318	8	HDPE
11350	Out	11350	462247	8	PVC
11350	In	11351	11350	8	PVC
11352	Out	11352	10401	15	PVC
11352	In	10400	11352	8	HDPE
11352	In	11355	11352	15	PVC
11352	In	1543	11352	8	PVC
11355	Out	11355	11352	15	PVC
11408	Out	11408	14267	8	PVC
11408	In	548683	11408	8	PVC
11408	In	11409	11408	8	PVC
11409	Out	11409	11408	8	PVC
11409	In	11848	11409	8	CT
11409	In	11410	11409	8	PVC
11420	In	30392	11420	8	CP
11420	In	11422	11420	8	CP
11422	Out	11422	14303	24	PVC
11422	Out	11422	11420	8	CP
11422	In	13542	11422	24	PVC
11422	In	13992	11422	8	PVC
11444	Out	11444	13775	30	RL
11444	In	13686	11444	27	PVC
11461	Out	11461	24085	36	RCP
11461	In	2262	11461	36	CAS
11469	Out	11469	13748	30	RL
11469	In	11446	11469	30	RL
11470	Out	11470	13691	8	CAS
11470	In	13690	11470	8	CT
11600	Out	11600	15972	36	RL
11600	In	14419	11600	36	RL
11601	Out	11601	11664	30	RCP
11601	In	13775	11601	30	RCP
11603	Out	11603	16002	33	RCP
11603	In	11602	11603	33	RCP
11609	Out	11609	32258	8	PVC
11610	Out	11610	945283	8	CP
11614	Out	11614	30051	36	HDPE
11614	In	13095	11614	36	DIP
11635	Out	11635	10621	18	VCP
11635	In	24570	11635	18	VCP
11636	Out	11636	10622	18	VCP
11636	In	10621	11636	18	VCP
11664	Out	11664	13813	30	RCP
11664	In	11601	11664	30	RCP
11933	Out	11933	7676	24	RCP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
11933	In	24625	11933	24	RCP
11942	Out	11942	10909	8	HDPE
11967	Out	11967	10911	18	PVC
11967	In	10910	11967	18	PVC
11967	In	2266	11967	18	PVC
11968	Out	11968	8473	18	VCP
11968	In	11970	11968	18	VCP
11968	In	10913	11968	8	CP
11970	Out	11970	11968	18	VCP
11970	In	10948	11970	18	VCP
11970	In	10946	11970	8	HDPE
11990	Out	11990	559205	8	CT
11990	In	32197	11990	8	CT
12004	Out	12004	499663	8	CT
12004	In	14084	12004	8	CT
12005	Out	12005	14251	8	PVC
13093	Out	13093	10647	8	CAS
13093	In	13689	13093	8	RL
13094	Out	13094	11446	30	RL
13094	In	13667	13094	8	CAS
13094	In	11445	13094	30	RCP
13132	Out	13132	14703	15	VCP
13132	In	10818	13132	8	CT
13133	Out	13133	14704	33	RCP
13133	In	13766	13133	33	RCP
13133	In	13767	13133	8	CT
13534	Out	13534	28842	21	PVC
13534	In	14221	13534	8	CT
13534	In	11276	13534	21	PVC
13577	Out	13577	14265	8	PVC
13577	In	28851	13577	8	PVC
13577	In	12355	13577	8	PVC
13580	Out	13580	11847	8	PVC
13580	In	14267	13580	8	PVC
13617	Out	13617	29535	27	RCP
13617	In	920407	13617	27	VCP
13628	Out	13628		8	XXX
13628	In	14314	13628	8	XXX
13635	Out	13635	29552	27	PVC
13635	In	14342	13635	27	PVC
13636	Out	13636	10801	8	VCP
13636	In	11430	13636	8	PVC
13637	Out	13637	13749	30	RCP
13637	Out	13637	29557	27	RCP
13637	In	566449	13637	27	RCP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
13637	In	29555	13637	30	RCP
13682	Out	13682	13686	21	VCP
13682	In	25157	13682	21	CP
13682	In	14345	13682	8	PVC
13684	Out	13684	29558	8	PVC
13684	In	13685	13684	8	PVC
13684	In	14346	13684	8	CP
13685	Out	13685	13684	8	PVC
13685	Out	13685	14348	8	PVC
13685	In	13683	13685	8	CT
13686	Out	13686	11444	27	PVC
13686	In	14348	13686	8	PVC
13686	In	13682	13686	21	VCP
13686	In	14347	13686	27	RCP
13689	Out	13689	13093	8	RL
13689	In	14352	13689	8	PVC
13689	In	14351	13689	8	PVC
13748	Out	13748	10739	30	DIP
13748	In	11469	13748	30	RL
13749	Out	13749	29556	30	RCP
13749	In	13032	13749	8	DIP
13749	In	13637	13749	30	RCP
13765	Out	13765	1803	8	CT
13765	In	10814	13765	8	CT
13767	Out	13767	13133	8	CT
13767	In	14153	13767	8	CT
13775	Out	13775	11601	30	RCP
13775	In	11444	13775	30	RL
13784	Out	13784	29966	8	PVC
13784	In	14428	13784	8	PVC
13785	Out	13785	29968	8	CP
13785	In	13812	13785	8	CT
13787	Out	13787	13788	33	RL
13787	In	30051	13787	33	PVC
13855	Out	13855	16024	8	HDPE
13855	In	14379	13855	8	HDPE
13860	Out	13860	13861	21	PVC
13860	Out	13860	29998	8	PVC
13860	In	14460	13860	21	PVC
13862	Out	13862	14463	8	PVC
13862	In	30001	13862	8	PVC
13950	Out	13950	11847	8	PVC
13950	In	29521	13950	8	PVC
13990	Out	13990	29967	36	RL
13990	In	14523	13990	36	RL

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
14050	Out	14050	14560	8	CT
14050	In	11992	14050	8	CT
14050	In	11991	14050	8	CP
14076	Out	14076	14077	8	PVC
14076	In	13092	14076	8	VCP
14084	Out	14084	12004	8	CT
14084	In	14574	14084	8	CT
14146	Out	14146	14634	8	VCP
14146	In	31910	14146	10	CP
14153	Out	14153	13767	8	CT
14153	In	14641	14153	8	CT
14214	Out	14214	14216	18	PVC
14214	In	10812	14214	18	VCP
14214	In	13526	14214	8	VCP
14214	In	26893	14214	8	CT
14220	Out	14220	11275	8	CT
14220	In	13533	14220	8	PVC
14221	Out	14221	13534	8	CT
14221	In	11278	14221	8	CT
14223	Out	14223	14224	21	CP
14223	In	28842	14223	21	CP
14226	Out	14226	28842	8	PVC
14226	In	13539	14226	8	PVC
14239	Out	14239	32089	8	CP
14239	In	14703	14239	8	CP
14242	Out	14242	14707	8	CT
14242	In	900248	14242	8	CT
14246	Out	14246	14712	8	CT
14246	In	14713	14246	8	PVC
14246	In	14896	14246	8	PVC
14248	Out	14248	14714	8	CT
14248	In	32100	14248	8	CT
14248	In	14271	14248	8	CT
14251	Out	14251	13542	8	PVC
14251	In	12005	14251	8	PVC
14265	Out	14265	13583	8	VCP
14265	In	13577	14265	8	PVC
14271	Out	14271	14248	8	CT
14271	In	14712	14271	8	PVC
14304	Out	14304	11433	27	RCP
14304	In	14106	14304	27	RL
14307	Out	14307	29539	8	PVC
14307	In	13620	14307	8	PVC
14308	Out	14308	29539	8	PVC
14308	In	13621	14308	8	CP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
14314	Out	14314	13628	8	XXX
14314	In	29550	14314	8	VCP
14314	In	13627	14314	8	CP
14341	Out	14341	29537	8	CP
14341	In	13634	14341	8	VCP
14342	Out	14342	13635	27	PVC
14342	In	26204	14342	27	RCP
14347	Out	14347	13686	27	RCP
14347	In	29557	14347	27	RCP
14348	Out	14348	13686	8	PVC
14348	In	13685	14348	8	PVC
14349	Out	14349	14419	36	RL
14349	In	16027	14349	8	PVC
14349	In	13687	14349	36	RL
14351	Out	14351	13689	8	PVC
14351	In	11599	14351	8	PVC
14351	In	29561	14351	8	PVC
14352	Out	14352	13689	8	PVC
14352	In	29953	14352	8	PVC
14355	Out	14355	13691	8	CT
14355	In	13694	14355	8	CP
14419	Out	14419	11600	36	RL
14419	In	16029	14419	8	CT
14419	In	14349	14419	36	RL
14427	Out	14427	13783	8	PVC
14427	In	11612	14427	8	PVC
14428	Out	14428	13784	8	PVC
14432	Out	14432	29969	8	CT
14460	Out	14460	13860	21	PVC
14460	In	13858	14460	21	PVC
14500	Out	14500	26203	8	PVC
14500	In	30039	14500	8	PVC
14523	Out	14523	13990	36	RL
14523	In	15972	14523	36	RL
14524	Out	14524	30392	8	PVC
14524	In	25994	14524	8	VCP
14525	Out	14525	30442	24	RCP
14525	In	25992	14525	24	VCP
14562	Out	14562	30427	8	CT
14562	In	12349	14562	8	CT
14562	In	30429	14562	8	CT
14635	Out	14635	14823	8	CT
14635	In	14147	14635	8	CP
14641	Out	14641	14153	8	CT
14641	In	9810	14641	8	CT

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
14690	Out	14690	30391	8	CT
14690	In	14880	14690	8	CT
14709	Out	14709	32096	8	CT
14709	In	558039	14709	8	CT
14709	In	14244	14709	8	PVC
14897	Out	14897	14711	8	PVC
14897	In	14898	14897	8	CP
15267	Out	15267	2040	12	PVC
15267	In	2041	15267	12	RL
15267	In	15268	15267	8	PVC
15271	Out	15271	15272	27	PVC
15271	In	2242	15271	24	PVC
15271	In	15275	15271	27	PVC
15272	Out	15272	2240	27	PVC
15272	In	15271	15272	27	PVC
15272	In	2528	15272	15	PVC
15346	Out	15346	15347	8	PVC
15346	In	2934	15346	8	PVC
15347	Out	15347	4915	8	PVC
15347	In	15346	15347	8	PVC
15350	Out	15350	15351	27	RCP
15350	In	2757	15350	27	RCP
15351	Out	15351	15352	27	RCP
15351	In	15350	15351	27	RCP
15351	In	2961	15351	21	VCP
15352	Out	15352	2963	36	RCP
15352	In	15351	15352	27	RCP
15352	In	2960	15352	15	VCP
15377	Out	15377	15378	8	CP
15377	In	15376	15377	10	VCP
15400	Out	15400	3056	8	CAS
15400	In	15399	15400	8	CAS
15506	Out	15506	4766	15	VCP
15506	In	3336	15506	15	VCP
15536	Out	15536	2605	12	PVC
15536	In	15537	15536	12	PVC
15537	Out	15537	15536	12	PVC
15537	In	2553	15537	12	PVC
15537	In	3294	15537	8	PVC
15965	Out	15965	16024	8	HDPE
15965	In	15838	15965	8	HDPE
15966	Out	15966	32248	8	HDPE
15966	In	15824	15966	8	HDPE
15971	Out	15971	15972	8	CP
15971	In	16030	15971	8	CP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
15972	Out	15972	14523	36	RL
15972	In	11600	15972	36	RL
15972	In	11665	15972	8	PVC
15972	In	15971	15972	8	CP
15973	Out	15973	16031	36	PVC
15973	In	29968	15973	36	RCP
15973	In	30048	15973	33	PVC
15975	Out	15975	32255	33	RL
15975	In	462267	15975	8	HDPE
15975	In	16032	15975	36	RL
15975	In	16031	15975	36	DIP
15977	Out	15977	26206	48	RL
15977	In	30050	15977	36	RL
16002	Out	16002	16003	33	RCP
16002	In	11603	16002	33	RCP
16003	Out	16003	16004	33	PVC
16003	In	16002	16003	33	RCP
16004	Out	16004	16005	33	PVC
16004	In	16003	16004	33	PVC
16005	Out	16005	30048	33	RCP
16005	In	16004	16005	33	PVC
16024	Out	16024	32248	8	HDPE
16024	In	13855	16024	8	HDPE
16024	In	15965	16024	8	HDPE
16027	Out	16027	14349	8	PVC
16027	In	15970	16027	8	PVC
16029	Out	16029	14419	8	CT
16030	Out	16030	15971	8	CP
16031	Out	16031	15975	36	DIP
16031	In	15973	16031	36	PVC
16032	Out	16032	15975	36	RL
16032	Out	16032	32258	36	RL
16032	In	30049	16032	33	RL
16033	Out	16033	30050	36	RL
16033	In	11611	16033	8	PVC
16033	In	945283	16033	36	RL
16629	Out	16629	3811	27	RCP
16629	In	4814	16629	27	RL
16629	In	16630	16629	8	VCP
16630	Out	16630	16629	8	VCP
16632	Out	16632	5048	15	PVC
16632	In	16633	16632	15	PVC
16637	Out	16637	5050	8	PVC
16637	In	16639	16637	8	PVC
16638	Out	16638	5052	8	PVC

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
16638	In	1424	16638	8	PVC
16639	Out	16639	16637	8	PVC
16639	In	16640	16639	8	PVC
16640	Out	16640	16639	8	PVC
16640	In	5052	16640	8	PVC
16640	In	5053	16640	8	PVC
16644	Out	16644	3820	27	RCP
16644	In	2910	16644	27	RCP
16658	Out	16658	2934	8	PVC
16658	In	3951	16658	8	PVC
16717	Out	16717	5238	24	PVC
16717	In	5182	16717	24	PVC
16761	Out	16761	5451	15	PVC
16761	In	4162	16761	15	PVC
16761	In	396760	16761	8	VCP
16770	Out	16770	16771	12	VCP
16770	In	5486	16770	12	PVC
16771	Out	16771	16772	15	CP
16771	In	16770	16771	12	VCP
16771	In	16774	16771	8	RL
16772	Out	16772	16773	15	CP
16772	In	5350	16772	8	RL
16772	In	16771	16772	15	CP
16773	Out	16773	5489	15	VCP
16773	In	16772	16773	15	CP
16776	Out	16776	16777	8	VCP
16776	In	16775	16776	8	CP
16795	Out	16795	16796	15	VCP
16795	In	5397	16795	15	CP
16796	Out	16796	16797	15	CP
16796	In	16795	16796	15	VCP
16797	Out	16797	5398	15	CP
16797	In	16796	16797	15	CP
16797	In	4263	16797	8	CP
16797	In	16798	16797	8	VCP
16799	Out	16799	5578	15	RL
16799	In	16800	16799	15	RL
16800	Out	16800	16799	15	RL
16800	In	16801	16800	15	RL
16800	In	5399	16800	8	CP
16801	Out	16801	16800	15	RL
16801	In	16802	16801	8	CAS
16801	In	5575	16801	15	CP
16802	Out	16802	16801	8	CAS
16802	In	9393	16802	8	HDPE

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
16803	Out	16803	62432	18	RL
16803	In	5401	16803	8	RL
16803	In	5578	16803	15	VCP
16803	In	5400	16803	8	VCP
22211	Out	22211	9977	18	VCP
22211	In	15025	22211	24	DIP
22212	Out	22212	23756	54	RCP
22212	In	2222	22212	54	CAS
22253	Out	22253	23146	8	PVC
22253	In	22279	22253	8	PVC
23129	Out	23129	25447	8	VCP
23129	In	23210	23129	8	CT
23145	Out	23145	25774	8	PVC
23145	In	23269	23145	8	PVC
23145	In	23146	23145	8	PVC
23146	Out	23146	23145	8	PVC
23146	In	22253	23146	8	PVC
23149	Out	23149	23151	8	CT
23149	In	25521	23149	8	VCP
23149	In	25520	23149	8	CT
23149	In	23148	23149	8	CP
23150	Out	23150	38156	42	RCP
23150	In	23230	23150	42	RCP
23151	Out	23151	23267	42	PVC
23151	In	23149	23151	8	CT
23151	In	23270	23151	42	PVC
23153	Out	23153	23270	42	RL
23153	In	23237	23153	42	RL
23153	In	38270	23153	8	CT
23154	Out	23154	23230	42	DIP
23154	In	23343	23154	42	RL
23155	Out	23155	23231	8	VCP
23155	In	23340	23155	8	VCP
23155	In	23234	23155	8	CT
23156	Out	23156	23340	8	VCP
23156	In	23157	23156	8	VCP
23184	Out	23184	25774	8	PVC
23184	In	38159	23184	8	VCP
23230	Out	23230	23150	42	RCP
23230	In	23154	23230	42	DIP
23231	Out	23231	38159	8	VCP
23231	In	23155	23231	8	VCP
23234	Out	23234	23155	8	CT
23237	Out	23237	23153	42	RL
23237	In	23390	23237	42	RL

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
23240	Out	23240	23345	42	RCP
23240	In	23392	23240	42	RCP
23270	Out	23270	23151	42	PVC
23270	In	488504	23270	8	CT
23270	In	23153	23270	42	RL
23289	Out	23289	38306	8	VCP
23289	In	23288	23289	8	CT
23290	Out	23290	38306	8	VCP
23290	In	23482	23290	8	VCP
23291	Out	23291	38308	33	RL
23291	In	38307	23291	33	RL
23292	Out	23292	38212	42	RL
23292	In	38307	23292	42	RL
23294	Out	23294	23317	36	RL
23294	In	25449	23294	36	RL
23317	Out	23317	23636	36	RCP
23317	In	23294	23317	36	RL
23322	Out	23322	981525	8	CT
23340	Out	23340	23155	8	VCP
23340	In	23156	23340	8	VCP
23341	Out	23341	38160	12	CP
23341	In	23235	23341	8	VCP
23341	In	505733	23341	12	CP
23343	Out	23343	23154	42	RL
23343	In	23238	23343	42	RCP
23345	Out	23345	23238	42	RCP
23345	In	23240	23345	42	RCP
23391	Out	23391	23392	42	RL
23391	In	99997	23391	42	RL
23392	Out	23392	23390	42	RL
23392	Out	23392	23240	42	RCP
23392	In	23391	23392	42	RL
23392	In	38211	23392	33	RCP
23482	Out	23482	23290	8	VCP
23482	In	38218	23482	8	PVC
23484	Out	23484	25451	12	VCP
23484	In	23320	23484	8	PVC
23484	In	25450	23484	12	VCP
23485	Out	23485	38219	18	RCP
23485	Out	23485	23483	33	RL
23485	In	25454	23485	33	PVC
23487	Out	23487	38227	8	PVC
23487	Out	23487	25453	10	PVC
23488	Out	23488	485567	36	RCP
23488	In	980020	23488	36	RL

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
23489	Out	23489	38225	8	CT
23572	Out	23572	25521	8	CP
23572	In	26774	23572	8	VCP
23572	In	25517	23572	8	PVC
23635	Out	23635	13014	8	DIP
23635	In	29966	23635	8	PVC
23635	In	38227	23635	8	PVC
23753	Out	23753	23755	24	RCP
23753	In	9929	23753	24	RCP
23754	Out	23754	10585	54	RCP
23754	In	10778	23754	54	RCP
23774	Out	23774	23773	24	RCP
23774	In	23775	23774	30	PVC
23775	Out	23775	23774	30	PVC
23775	In	23776	23775	30	PVC
23778	Out	23778	23777	8	PVC
23781	Out	23781	10918	54	RCP
23781	In	10027	23781	54	RCP
23782	Out	23782	9911	18	VCP
23782	In	953227	23782	18	VCP
23784	Out	23784	10917	24	BR
23784	In	7392	23784	24	RCP
23790	Out	23790	23786	18	VCP
23790	In	7394	23790	18	CP
23794	Out	23794	23795	8	CT
23794	In	10890	23794	8	PVC
23795	Out	23795	999464	8	VCP
23795	In	23794	23795	8	CT
23797	Out	23797	10929	18	VCP
23797	In	10928	23797	18	VCP
23801	Out	23801	7547	8	VCP
23802	Out	23802	417125	10	PVC
23802	In	1295	23802	8	PVC
23802	In	10067	23802	10	PVC
23819	Out	23819	10140	36	RCP
23819	In	10468	23819	36	RCP
24074	Out	24074	10468	36	RCP
24074	In	24075	24074	24	RCP
24074	In	24075	24074	24	RCP
24075	Out	24075	24074	24	RCP
24075	Out	24075	24074	24	RCP
24075	In	24076	24075	36	RCP
24085	Out	24085	24628	24	RCP
24085	Out	24085	24086	24	VCP
24085	In	11461	24085	36	RCP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
24086	Out	24086	10900	21	CP
24086	In	24085	24086	24	VCP
24087	Out	24087	11064	36	RCP
24087	In	24088	24087	36	RCP
24088	Out	24088	24087	36	RCP
24088	In	10140	24088	36	RCP
24165	Out	24165	24166	8	HDPE
24169	Out	24169	24170	18	RL
24169	In	6345	24169	18	RL
24172	Out	24172	980553	8	PVC
24172	In	980554	24172	8	PVC
24501	Out	24501	7664	8	PVC
24501	In	7620	24501	8	PVC
24582	Out	24582	1004075	24	RL
24582	In	990841	24582	24	CP
24586	Out	24586	7477	18	CP
24586	In	11712	24586	18	CP
24586	In	24587	24586	8	CT
24625	Out	24625	11933	24	RCP
24625	In	24628	24625	24	RCP
24626	Out	24626	10899	21	CP
24626	In	24627	24626	21	CP
24627	Out	24627	24626	21	CP
24627	In	10900	24627	21	CP
24628	Out	24628	24625	24	RCP
24628	In	24085	24628	24	RCP
25446	Out	25446	23636	8	CT
25446	In	25447	25446	8	HDPE
25446	In	23481	25446	8	CT
25447	Out	25447	25446	8	HDPE
25447	In	23129	25447	8	VCP
25451	Out	25451	504320	12	VCP
25451	In	23484	25451	12	VCP
25453	Out	25453	25450	10	VCP
25453	In	23486	25453	8	PVC
25453	In	23487	25453	10	PVC
25454	Out	25454	23485	33	PVC
25454	In	13788	25454	33	RL
25455	Out	25455	38220	30	RCP
25455	In	29970	25455	30	RCP
25456	Out	25456	980020	36	RL
25456	In	29969	25456	36	RL
25456	In	548684	25456	8	PVC
25456	In	548686	25456	10	PVC
25520	Out	25520	23149	8	CT

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
25520	In	956324	25520	8	CT
25521	Out	25521	23149	8	VCP
25521	In	23572	25521	8	CP
25669	Out	25669	548686	10	VCP
25669	In	9772	25669	8	DIP
25670	Out	25670	9798	36	DIP
25670	Out	25670	23636	30	CP
25670	In	23480	25670	30	RCP
25670	In	23293	25670	33	RL
26203	Out	26203	13666	8	DIP
26203	In	14500	26203	8	PVC
26203	In	29541	26203	8	VCP
26204	Out	26204	14342	27	RCP
26204	In	29537	26204	8	VCP
26204	In	29536	26204	27	RCP
26204	In	13031	26204	8	DIP
26206	Out	26206	11046	36	DIP
26206	In	15977	26206	48	RL
28841	Out	28841	28842	8	PVC
28841	In	26903	28841	8	PVC
28842	Out	28842	14223	21	CP
28842	In	28841	28842	8	PVC
28842	In	13534	28842	21	PVC
28842	In	14226	28842	8	PVC
28860	Out	28860	13578	8	PVC
28860	In	13024	28860	8	PVC
29521	Out	29521	13950	8	PVC
29521	In	28862	29521	8	PVC
29535	Out	29535	29536	27	RCP
29535	In	13617	29535	27	RCP
29535	In	11434	29535	8	PVC
29536	Out	29536	26204	27	RCP
29536	In	29535	29536	27	RCP
29537	Out	29537	26204	8	VCP
29537	In	14341	29537	8	CP
29539	Out	29539	30039	8	PVC
29539	In	14307	29539	8	PVC
29539	In	14308	29539	8	PVC
29541	Out	29541	26203	8	VCP
29541	In	29540	29541	8	PVC
29541	In	29542	29541	8	PVC
29556	Out	29556	29558	30	RCP
29556	In	13749	29556	30	RCP
29558	Out	29558	11445	30	RCP
29558	In	13684	29558	8	PVC

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
29558	In	29556	29558	30	RCP
29565	Out	29565	29563	8	CT
29565	In	13695	29565	8	CT
29567	Out	29567	29566	8	PVC
29568	Out	29568	11439	8	PVC
29568	In	29569	29568	8	PVC
29965	Out	29965	38227	8	PVC
29966	Out	29966	23635	8	PVC
29966	In	13784	29966	8	PVC
29988	Out	29988	16276	8	PVC
29989	Out	29989	14449	8	PVC
29995	Out	29995	29994	8	HDPE
29998	Out	29998	29999	8	PVC
29998	In	13860	29998	8	PVC
30000	Out	30000	29999	8	PVC
30000	In	30002	30000	8	PVC
30001	Out	30001	13862	8	PVC
30001	In	29999	30001	8	PVC
30039	Out	30039	14500	8	PVC
30039	In	29539	30039	8	PVC
30046	Out	30046	548683	8	CP
30048	Out	30048	483400	20	DIP
30048	Out	30048	15973	33	PVC
30048	In	16005	30048	33	RCP
30049	Out	30049	16032	33	RL
30049	In	483401	30049	20	DIP
30050	Out	30050	10741	24	DIP
30050	Out	30050	15977	36	RL
30050	In	16033	30050	36	RL
30050	In	32255	30050	33	RL
30094	Out	30094	30119	12	PVC
30094	In	30108	30094	8	PVC
30094	In	30118	30094	12	PVC
30129	Out	30129	30145	24	RCP
30144	Out	30144	30206	8	CT
30144	In	901379	30144	8	CT
30145	Out	30145	30920	24	RCP
30145	In	30129	30145	24	RCP
30184	Out	30184	30185	60	RCP
30184	In	986005	30184	60	RCP
30207	Out	30207	30296	24	RCP
30207	In	30293	30207	8	CT
30207	In	45394	30207	24	RCP
30210	Out	30210	30295	24	RCP
30210	In	13403	30210	24	RCP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
30287	Out	30287	30288	8	CP
30287	In	26841	30287	8	CT
30288	Out	30288	30202	8	CP
30288	In	30287	30288	8	CP
30290	Out	30290	986002	8	PVC
30390	Out	30390	25993	8	VCP
30390	In	30391	30390	8	CT
30391	Out	30391	30390	8	CT
30391	In	14690	30391	8	CT
30392	Out	30392	11420	8	CP
30392	In	14524	30392	8	PVC
30392	In	11421	30392	8	CP
30393	Out	30393	25991	24	VCP
30393	In	30428	30393	24	RCP
30428	Out	30428	30393	24	RCP
30428	In	30427	30428	24	VCP
30432	Out	30432	30433	8	PVC
30433	Out	30433	499650	8	PVC
30433	In	30432	30433	8	PVC
30442	Out	30442	14086	24	VCP
30442	In	14525	30442	24	RCP
30592	Out	30592	30636	24	VCP
30592	In	30067	30592	24	VCP
30598	Out	30598	30643	12	PVC
30598	In	30124	30598	12	PVC
30635	Out	30635	30636	15	VCP
30635	In	30590	30635	12	CT
30820	Out	30820	30208	15	PVC
30820	In	45395	30820	15	PVC
30869	Out	30869	30982	10	VCP
30869	In	30914	30869	10	VCP
30869	In	14059	30869	8	CT
30870	Out	30870	30936	10	CP
30870	In	23804	30870	10	VCP
30870	In	45798	30870	8	HDPE
30879	Out	30879	30942	12	VCP
30879	In	1015470	30879	12	VCP
30880	Out	30880	1015470	12	VCP
30880	In	30936	30880	12	VCP
30880	In	45796	30880	8	HDPE
30881	Out	30881	30882	20	CP
30881	In	9623	30881	20	CP
30882	Out	30882	30255	20	CP
30882	In	30881	30882	20	CP
30914	Out	30914	30869	10	VCP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
30914	In	417125	30914	10	VCP
30920	Out	30920	1056	15	DIP
30920	Out	30920	13435	21	DIP
30920	In	30145	30920	24	RCP
30936	Out	30936	30880	12	VCP
30936	In	30870	30936	10	CP
30940	Out	30940	30983	10	VCP
30940	In	14058	30940	8	CT
30940	In	30982	30940	10	VCP
30942	Out	30942	45817	10	VCP
30942	In	45801	30942	8	CT
30942	In	30879	30942	12	VCP
30955	Out	30955	45394	8	PVC
30955	In	45812	30955	8	PVC
30982	Out	30982	30940	10	VCP
30982	In	30869	30982	10	VCP
32090	Out	32090	32089	8	PVC
32090	In	32091	32090	8	PVC
32091	Out	32091	32090	8	PVC
32091	In	14585	32091	8	VCP
32093	Out	32093	14708	8	CT
32093	In	14586	32093	8	CT
32100	Out	32100	14248	8	CT
32100	In	32099	32100	8	PVC
32248	Out	32248	13724	8	HDPE
32248	In	16024	32248	8	HDPE
32248	In	15966	32248	8	HDPE
32249	Out	32249	32250	8	PVC
32249	In	32195	32249	8	PVC
32255	Out	32255	30050	33	RL
32255	In	15975	32255	33	RL
32257	Out	32257	32258	8	PVC
32257	In	16006	32257	8	CP
32257	In	32256	32257	8	PVC
32258	Out	32258	945283	36	RL
32258	In	32257	32258	8	PVC
32258	In	16032	32258	36	RL
32258	In	11609	32258	8	PVC
36769	Out	36769	65345	48	RL
36769	In	500954	36769	42	RL
38170	Out	38170	38171	8	VCP
38170	In	38169	38170	8	VCP
38171	Out	38171	38172	8	VCP
38171	In	38170	38171	8	VCP
38211	Out	38211	23392	33	RCP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
38211	In	38308	38211	33	RCP
38219	Out	38219	25449	36	RCP
38219	In	23485	38219	18	RCP
38219	In	485567	38219	36	RCP
38220	Out	38220	38222	30	RCP
38220	In	25455	38220	30	RCP
38221	Out	38221	23214	10	CP
38221	In	12341	38221	8	CT
38221	In	38225	38221	10	CP
38222	Out	38222	23480	30	RCP
38222	In	38220	38222	30	RCP
38225	Out	38225	38221	10	CP
38225	In	23490	38225	8	RCP
38225	In	23489	38225	8	CT
38225	In	23217	38225	8	CP
38227	Out	38227	23635	8	PVC
38227	In	23487	38227	8	PVC
38227	In	29965	38227	8	PVC
38227	In	13783	38227	8	PVC
38270	Out	38270	23153	8	CT
38270	In	38269	38270	8	CT
38306	Out	38306	38307	42	RL
38306	In	23290	38306	8	VCP
38306	In	23636	38306	36	DIP
38306	In	23289	38306	8	VCP
38307	Out	38307	23292	42	RL
38307	Out	38307	23291	33	RL
38307	In	38306	38307	42	RL
38307	In	13015	38307	36	RCP
38308	Out	38308	99997	42	RL
38308	Out	38308	38211	33	RCP
38308	In	38212	38308	42	RCP
38308	In	23291	38308	33	RL
45355	Out	45355	45356	24	RCP
45355	In	30921	45355	24	RCP
45381	Out	45381	30173	18	RL
45381	In	30193	45381	8	PVC
45381	In	45382	45381	10	CAS
45382	Out	45382	45381	10	CAS
45382	In	45383	45382	10	PVC
45392	Out	45392	45393	8	CT
45392	In	30206	45392	8	PVC
45393	Out	45393	45395	15	VCP
45393	In	45392	45393	8	CT
45393	In	30146	45393	15	VCP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
45395	Out	45395	30820	15	PVC
45395	In	45393	45395	15	VCP
45473	Out	45473	30643	8	PVC
45473	In	45472	45473	8	PVC
45798	Out	45798	30870	8	HDPE
45798	In	26853	45798	8	CT
45817	Out	45817	30883	12	VCP
45817	In	14061	45817	10	CAS
45817	In	30942	45817	10	VCP
46665	Out	46665	14464	8	PVC
46665	In	14533	46665	8	PVC
62415	Out	62415	62432	8	HDPE
62415	In	4242	62415	8	HDPE
62432	Out	62432	464579	18	RL
62432	In	16803	62432	18	RL
62432	In	62415	62432	8	HDPE
87683	Out	87683	87682	8	VCP
87683	In	87714	87683	8	VCP
87693	Out	87693	87790	12	CP
87693	In	96727	87693	12	PVC
87693	In	87694	87693	8	CP
87695	Out	87695	87790	12	PVC
87695	In	87696	87695	12	PVC
87696	Out	87696	87695	12	PVC
87696	In	87762	87696	12	PVC
87715	Out	87715	87748	8	PVC
87720	Out	87720	96730	12	PVC
87720	In	2040	87720	12	PVC
87720	In	96731	87720	8	PVC
87757	Out	87757	87852	12	PVC
87757	In	87758	87757	8	PVC
87757	In	96730	87757	12	PVC
87757	In	87787	87757	8	PVC
87758	Out	87758	87757	8	PVC
87758	In	96729	87758	8	PVC
87761	Out	87761	87762	8	PVC
87761	In	87792	87761	8	PVC
87762	Out	87762	87696	12	PVC
87762	In	87852	87762	12	PVC
87762	In	96732	87762	8	PVC
87762	In	87761	87762	8	PVC
87787	Out	87787	87757	8	PVC
87790	Out	87790	3819	12	PVC
87790	In	87695	87790	12	PVC
87790	In	87693	87790	12	CP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
87792	Out	87792	87761	8	PVC
87793	Out	87793	87851	8	CP
87794	Out	87794	87852	8	PVC
87794	In	87691	87794	8	CT
87816	Out	87816	87817	8	VCP
87816	In	88062	87816	8	CP
87817	Out	87817	87818	30	RCP
87817	In	87816	87817	8	VCP
87817	In	459750	87817	30	PVC
87851	Out	87851	87852	8	PVC
87851	In	87793	87851	8	CP
87852	Out	87852	87762	12	PVC
87852	In	87851	87852	8	PVC
87852	In	87794	87852	8	PVC
87852	In	87757	87852	12	PVC
87938	Out	87938	11349	30	RCP
87938	In	87818	87938	30	RCP
87938	In	87819	87938	10	VCP
87938	In	88059	87938	10	HDPE
88053	Out	88053	96782	8	CP
88053	In	87810	88053	8	CP
88054	Out	88054	87809	21	VCP
88054	In	87908	88054	21	VCP
88059	Out	88059	87938	10	HDPE
88059	Out	88059	87912	10	HDPE
88059	In	96787	88059	10	HDPE
88062	Out	88062	87816	8	CP
88062	In	87915	88062	8	VCP
88067	Out	88067	87942	12	PVC
88067	In	96792	88067	12	PVC
96729	Out	96729	87758	8	PVC
96729	In	87853	96729	8	CT
96730	Out	96730	87757	12	PVC
96730	In	87720	96730	12	PVC
96731	Out	96731	87720	8	PVC
96731	In	87759	96731	8	PVC
96732	Out	96732	87762	8	PVC
96732	In	96733	96732	8	PVC
96733	Out	96733	96732	8	PVC
96733	In	96734	96733	8	PVC
96782	Out	96782	88052	10	CP
96782	In	88053	96782	8	CP
96787	Out	96787	88059	10	HDPE
96787	In	88060	96787	8	HDPE
99997	Out	99997	23391	42	RL

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
99997	In	38308	99997	42	RL
375574	Out	375574	4267	15	VCP
375574	In	916962	375574	15	HDPE
375574	In	375577	375574	8	VCP
408570	Out	408570	10916	54	RCP
408570	In	1029197	408570	54	FRP
408570	In	408569	408570	48	FRP
415734	Out	415734	2761	27	RCP
415734	In	3820	415734	27	PVC
434211	Out	434211	434212	27	PVC
434211	In	23773	434211	24	PVC
434212	Out	434212	434213	27	PVC
434212	In	434211	434212	27	PVC
434213	Out	434213	986032	12	PVC
434213	In	434212	434213	27	PVC
434217	Out	434217	8061	8	VCP
434217	In	422725	434217	8	VCP
434217	In	422723	434217	10	CP
462242	Out	462242	11351	8	VCP
462266	Out	462266	462267	8	HDPE
462266	In	15974	462266	8	HDPE
462267	Out	462267	15975	8	HDPE
462267	In	462266	462267	8	HDPE
464579	Out	464579	6345	18	RL
464579	In	62432	464579	18	RL
488504	Out	488504	23270	8	CT
488504	In	488505	488504	8	PVC
498967	Out	498967	10887	24	RCP
498967	In	498969	498967	24	PVC
498968	Out	498968	498969	24	PVC
498968	In	949034	498968	24	RL
498969	Out	498969	498967	24	PVC
498969	In	498968	498969	24	PVC
499647	Out	499647	499638	24	RL
499647	In	499661	499647	8	RL
499647	In	499648	499647	24	RL
499648	Out	499648	499647	24	RL
499648	In	14081	499648	8	CT
499648	In	499649	499648	24	RL
499649	Out	499649	499648	24	RL
499649	In	499650	499649	24	RL
499649	In	11999	499649	8	CP
499661	Out	499661	499647	8	RL
499661	In	499637	499661	8	RL
499663	Out	499663	13003	24	DIP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
499663	In	12004	499663	8	CT
499663	In	499638	499663	24	RL
505734	Out	505734	505733	8	PVC
538370	Out	538370	538372	8	PVC
538371	Out	538371	538375	8	PVC
538371	In	538372	538371	8	PVC
538371	In	538373	538371	8	PVC
538372	Out	538372	538371	8	PVC
538372	In	538368	538372	8	PVC
538372	In	538370	538372	8	PVC
538422	Out	538422	538432	8	PVC
538429	Out	538429	13747	15	CP
538429	In	538434	538429	8	PVC
538429	In	538419	538429	12	PVC
538455	Out	538455	538454	12	PVC
538455	In	10799	538455	12	PVC
541240	Out	541240	541232	6	HDPE
541240	Out	541240	541233	6	HDPE
541240	In	38098	541240	8	CT
548683	Out	548683	11408	8	PVC
548683	In	30046	548683	8	CP
548686	Out	548686	25456	10	PVC
548686	In	25669	548686	10	VCP
558039	Out	558039	14709	8	CT
558039	In	14243	558039	8	PVC
563925	Out	563925	10172	21	CP
563925	In	11074	563925	21	CP
565519	Out	565519	7544	10	VCP
565519	In	7542	565519	10	CP
565788	Out	565788	565789	10	CP
565788	In	10023	565788	10	CP
565789	Out	565789	7541	10	CP
565789	In	565788	565789	10	CP
566449	Out	566449	13637	27	RCP
566449	In	561679	566449	27	RCP
567173	Out	567173	10172	54	RCP
567173	In	7675	567173	54	RCP
567219	Out	567219	4810	8	VCP
567219	In	5026	567219	8	VCP
900631	Out	900631	900632	8	CT
900631	In	999464	900631	8	VCP
900632	Out	900632	10023	8	CT
900632	In	900631	900632	8	CT
901379	Out	901379	30144	8	CT
901379	In	11141	901379	8	CT

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
901633	Out	901633	10280	12	CP
901633	In	24645	901633	12	CP
902392	Out	902392	4268	15	CP
902392	In	5315	902392	15	VCP
916962	Out	916962	375574	15	HDPE
916962	In	4268	916962	15	CP
918319	Out	918319	918320	6	CT
918319	In	919074	918319	6	CT
918320	Out	918320	10929	6	CT
918320	In	918321	918320	6	CT
918320	In	918319	918320	6	CT
920407	Out	920407	13617	27	VCP
920407	In	14303	920407	27	RCP
923310	Out	923310	7472	54	FRP
923310	In	10883	923310	54	RCP
923310	In	10884	923310	24	PVC
927230	Out	927230	990825	24	RCP
927230	In	24581	927230	24	RCP
936368	Out	936368	7808	8	HDPE
945283	Out	945283	16033	36	RL
945283	In	11610	945283	8	CP
945283	In	32258	945283	36	RL
953227	Out	953227	23782	18	VCP
953227	In	983899	953227	10	PVC
953227	In	10891	953227	18	PVC
959977	Out	959977	10885	54	RCP
959977	In	10914	959977	42	FRP
959977	In	10914	959977	42	FRP
975052	Out	975052	11852	8	CAS
975052	In	975051	975052	8	PVC
981525	Out	981525	980020	8	CT
981525	In	23322	981525	8	CT
981764	In	981761	981764	8	PVC
983899	Out	983899	953227	10	PVC
983899	In	983896	983899	10	PVC
984062	Out	984062	3223	8	CT
985173	Out	985173	29574	8	CP
985173	In	11844	985173	8	CP
986004	Out	986004	986003	66	FRP
986004	In	986005	986004	66	FRP
986006	Out	986006	986005	66	FRP
986006	In	986007	986006	66	FRP
986007	Out	986007	986006	66	FRP
986007	In	986008	986007	66	FRP
986008	Out	986008	986007	66	FRP

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**Manhole Inflow Remediation Package 2 - Martinez/Olmos Creek
Mains Connected to Manholes**

MANHOLE UNITID	PIPE FLOW	PIPE UPSTREAM UNITID	PIPE DOWNSTREAM UNITID	PIPE DIAMETER	PIPE TYPE
986008	In	986009	986008	66	FRP
986009	Out	986009	986008	66	FRP
986009	In	986010	986009	66	FRP
986010	Out	986010	986009	66	FRP
986010	In	999796	986010	8	PVC
986010	In	986011	986010	66	FRP
986011	Out	986011	986010	66	FRP
986011	In	986012	986011	66	FRP
986012	Out	986012	986011	66	FRP
986012	In	985974	986012	24	FRP
986012	In	986019	986012	66	FRP
986013	Out	986013	986020	66	FRP
986013	In	986014	986013	66	FRP
986014	Out	986014	986013	66	FRP
986014	In	986022	986014	66	FRP
986015	Out	986015	986023	66	FRP
986015	In	45795	986015	60	RCP
986015	In	986024	986015	60	FRP
986016	Out	986016	986003	8	PVC
986016	In	986017	986016	8	PVC
986017	Out	986017	986016	8	PVC
986018	Out	986018	986005	8	PVC
986019	Out	986019	986012	66	FRP
986019	In	985984	986019	48	FRP
986019	In	986020	986019	24	HDPE
986019	In	986021	986019	12	PVC
986019	In	985991	986019	48	FRP
986020	Out	986020	985988	48	FRP
986020	Out	986020	986019	24	HDPE
986020	Out	986020	985987	48	FRP
986020	In	986013	986020	66	FRP
986021	Out	986021	986019	12	PVC
986021	In	30883	986021	12	VCP
986022	Out	986022	986014	66	FRP
986022	In	986023	986022	66	FRP
986023	Out	986023	986022	66	FRP
986023	In	986015	986023	66	FRP
986034	Out	986034	986035	54	FRP
986034	In	986036	986034	54	FRP
988858	Out	988858	7534	48	RCP
988858	In	7490	988858	48	RCP
990508	Out	990508	9932	15	VCP

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