

Phase 3 INSPECTION QUANTITIES

Bid Set	Gravity Main Sum Linear Feet	Manhole Count
Phase 3	128,415	613
Phase 3 Private	4,058	36

OBJECTID	Asset type	Asset ID	LS ID	Bid Set	Force Main Discharge
1661	Unknown	L009000	LS 9	Phase 3	No
40	Manhole	L009010	LS 9	Phase 3	No
41	Manhole	L009020	LS 9	Phase 3	No
39	Manhole	L009030	LS 9	Phase 3	Yes
38	Manhole	L009040	LS 9	Phase 3	No
37	Manhole	L009050	LS 9	Phase 3	No
3	Manhole	L009060	LS 9	Phase 3	Yes
4	Manhole	L009070	LS 9	Phase 3	No
952	Manhole	L009080	LS 9	Phase 3	No
953	Manhole	L009090	LS 9	Phase 3	No
34	Manhole	L009100	LS 9	Phase 3	No
35	Manhole	L009110	LS 9	Phase 3	No
36	Manhole	L009120	LS 9	Phase 3	No
42	Manhole	L009130	LS 9	Phase 3	No
43	Manhole	L009140	LS 9	Phase 3	No
44	Manhole	L009150	LS 9	Phase 3	No
45	Manhole	L009160	LS 9	Phase 3	No
46	Manhole	L009170	LS 9	Phase 3	No
48	Manhole	L009180	LS 9	Phase 3	No
47	Manhole	L009190	LS 9	Phase 3	No
1695	Unknown	L010000	LS 10	Phase 3	No
52	Manhole	L010010	LS 10	Phase 3	No
51	Manhole	L010020	LS 10	Phase 3	No
50	Manhole	L010030	LS 10	Phase 3	No
58	Manhole	L010040	LS 10	Phase 3	No
49	Manhole	L010050	LS 10	Phase 3	No
57	Manhole	L010060	LS 10	Phase 3	No
56	Manhole	L010070	LS 10	Phase 3	No
55	Manhole	L010080	LS 10	Phase 3	No
54	Manhole	L010090	LS 10	Phase 3	No
53	Manhole	L010100	LS 10	Phase 3	No
1690	Manhole	L011000	LS 11	Phase 3	No
1696	Manhole	L011010	LS 11	Phase 3	Yes
68	Manhole	L011020	LS 11	Phase 3	Yes
73	Manhole	L011030	LS 11	Phase 3	No
75	Manhole	L011040	LS 11	Phase 3	No
74	Manhole	L011050	LS 11	Phase 3	No
69	Manhole	L011060	LS 11	Phase 3	No
67	Manhole	L011070	LS 11	Phase 3	No
549	Manhole	L011080	LS 11	Phase 3	No
548	Manhole	L011090	LS 11	Phase 3	Yes
72	Manhole	L011100	LS 11	Phase 3	Yes
71	Manhole	L011110	LS 11	Phase 3	No

70	Manhole	L011120	LS 11	Phase 3	No
2104	Manhole	L011130	LS 11	Phase 3	No
2103	Manhole	L011140	LS 11	Phase 3	Yes
2105	Manhole	L011150	LS 11	Phase 3	No
1566	Unknown	L013000	LS 13	Phase 3	No
1108	Manhole	L013010	LS 13	Phase 3	No
1118	Manhole	L013020	LS 13	Phase 3	No
1111	Manhole	L013030	LS 13	Phase 3	No
1110	Manhole	L013040	LS 13	Phase 3	No
1109	Manhole	L013050	LS 13	Phase 3	No
1107	Manhole	L013060	LS 13	Phase 3	No
1106	Manhole	L013070	LS 13	Phase 3	No
1104	Manhole	L013080	LS 13	Phase 3	No
1105	Manhole	L013090	LS 13	Phase 3	No
1103	Manhole	L013100	LS 13	Phase 3	No
1094	Manhole	L013110	LS 13	Phase 3	No
1099	Manhole	L013120	LS 13	Phase 3	No
1100	Manhole	L013130	LS 13	Phase 3	No
1101	Manhole	L013140	LS 13	Phase 3	No
1102	Manhole	L013150	LS 13	Phase 3	No
1003	Manhole	L013160	LS 13	Phase 3	No
1098	Manhole	L013170	LS 13	Phase 3	No
1097	Manhole	L013180	LS 13	Phase 3	No
1096	Manhole	L013190	LS 13	Phase 3	No
1095	Manhole	L013200	LS 13	Phase 3	No
1660	Unknown	L016000	LS 16	Phase 3	No
950	Manhole	L016010	LS 16	Phase 3	No
949	Manhole	L016020	LS 16	Phase 3	No
948	Manhole	L016030	LS 16	Phase 3	No
951	Manhole	L016040	LS 16	Phase 3	No
921	Manhole	L016050	LS 16	Phase 3	No
1677	Unknown	L034000	LS 34	Phase 3	No
78	Manhole	L034010	LS 34	Phase 3	No
77	Manhole	L034020	LS 34	Phase 3	No
1525	Unknown	L034030	LS 34	Phase 3	No
76	Manhole	L034040	LS 34	Phase 3	No
1524	Unknown	L034050	LS 34	Phase 3	No
1658	Unknown	L038000	LS 38	Phase 3	No
30	Manhole	L038010	LS 38	Phase 3	No
31	Manhole	L038020	LS 38	Phase 3	No
29	Manhole	L038030	LS 38	Phase 3	No
28	Manhole	L038040	LS 38	Phase 3	No
27	Manhole	L038050	LS 38	Phase 3	No
26	Manhole	L038060	LS 38	Phase 3	No

25	Manhole	L038070	LS 38	Phase 3	No
1703	Manhole	L038071		Phase 3	No
23	Manhole	L038080	LS 38	Phase 3	No
22	Manhole	L038090	LS 38	Phase 3	No
21	Manhole	L038100	LS 38	Phase 3	No
20	Manhole	L038110	LS 38	Phase 3	No
19	Manhole	L038120	LS 38	Phase 3	No
24	Manhole	L038130	LS 38	Phase 3	No
1656	Unknown	L039000	LS 39	Phase 3	No
543	Manhole	L039010	LS 39	Phase 3	No
542	Manhole	L039020	LS 39	Phase 3	No
1568	Unknown	L048000	LS 48	Phase 3	No
1004	Manhole	L048010	LS 48	Phase 3	No
1008	Manhole	L048020	LS 48	Phase 3	No
1009	Manhole	L048030	LS 48	Phase 3	No
1567	Unknown	L049000	LS 49	Phase 3	No
447	Manhole	L049010	LS 49	Phase 3	No
448	Manhole	L049020	LS 49	Phase 3	No
449	Manhole	L049030	LS 49	Phase 3	No
452	Manhole	L049040	LS 49	Phase 3	No
451	Manhole	L049050	LS 49	Phase 3	No
450	Manhole	L049060	LS 49	Phase 3	No
456	Manhole	L049070	LS 49	Phase 3	No
454	Manhole	L049080	LS 49	Phase 3	No
453	Manhole	L049090	LS 49	Phase 3	No
455	Manhole	L049100	LS 49	Phase 3	No
101	Manhole	L049110	LS 49	Phase 3	No
457	Manhole	L049120	LS 49	Phase 3	No
459	Manhole	L049130	LS 49	Phase 3	No
458	Manhole	L049140	LS 49	Phase 3	No
460	Manhole	L049150	LS 49	Phase 3	No
466	Manhole	L049160	LS 49	Phase 3	No
461	Manhole	L049170	LS 49	Phase 3	No
462	Manhole	L049180	LS 49	Phase 3	No
465	Manhole	L049190	LS 49	Phase 3	No
464	Manhole	L049200	LS 49	Phase 3	No
463	Manhole	L049210	LS 49	Phase 3	No
1495	Manhole	L049220	LS 49	Phase 3	No
1494	Manhole	L049230	LS 49	Phase 3	No
1005	Manhole	L049240	LS 49	Phase 3	No
479	Manhole	L049250	LS 49	Phase 3	No
478	Manhole	L049260	LS 49	Phase 3	No
477	Manhole	L049270	LS 49	Phase 3	No
476	Manhole	L049280	LS 49	Phase 3	No

475	Manhole	L049290	LS 49	Phase 3	No
474	Manhole	L049300	LS 49	Phase 3	No
467	Manhole	L049310	LS 49	Phase 3	No
468	Manhole	L049320	LS 49	Phase 3	No
469	Manhole	L049330	LS 49	Phase 3	No
470	Manhole	L049340	LS 49	Phase 3	No
473	Manhole	L049350	LS 49	Phase 3	No
472	Manhole	L049360	LS 49	Phase 3	No
471	Manhole	L049370	LS 49	Phase 3	No
1645	Unknown	L050000	LS 50	Phase 3	No
1092	Manhole	L050010	LS 50	Phase 3	No
1093	Manhole	L050020	LS 50	Phase 3	No
681	Manhole	L054020	LS 54	Phase 3	No
680	Manhole	L054030	LS 54	Phase 3	No
683	Manhole	L054040	LS 54	Phase 3	No
684	Manhole	L054050	LS 54	Phase 3	No
685	Manhole	L054060	LS 54	Phase 3	No
686	Manhole	L054070	LS 54	Phase 3	No
687	Manhole	L054080	LS 54	Phase 3	No
688	Manhole	L054090	LS 54	Phase 3	No
689	Manhole	L054100	LS 54	Phase 3	No
690	Manhole	L054110	LS 54	Phase 3	No
632	Manhole	L054120	LS 54	Phase 3	No
1598	Unknown	L056000	LS 56	Phase 3	No
1459	Manhole	L056010	LS 56	Phase 3	No
1371	Manhole	L056020	LS 56	Phase 3	Yes
1458	Manhole	L056030	LS 56	Phase 3	No
1457	Manhole	L056040	LS 56	Phase 3	No
1456	Manhole	L056050	LS 56	Phase 3	No
1455	Manhole	L056060	LS 56	Phase 3	No
1625	Unknown	L057000	LS 57	Phase 3	No
1460	Manhole	L057010	LS 57	Phase 3	No
1453	Manhole	L057020	LS 57	Phase 3	No
1454	Manhole	L057030	LS 57	Phase 3	No
1461	Manhole	L057040	LS 57	Phase 3	No
1452	Manhole	L057050	LS 57	Phase 3	No
1640	Unknown	L058000	LS 58	Phase 3	No
1448	Manhole	L058010	LS 58	Phase 3	No
1447	Manhole	L058020	LS 58	Phase 3	No
1449	Manhole	L058030	LS 58	Phase 3	No
824	Manhole	L058040	LS 58	Phase 3	No
823	Manhole	L058050	LS 58	Phase 3	No
1436	Manhole	L058060	LS 58	Phase 3	No
1435	Manhole	L058070	LS 58	Phase 3	No

1434	Manhole	L058080	LS 58	Phase 3	No
822	Manhole	L058090	LS 58	Phase 3	No
1446	Manhole	L058100	LS 58	Phase 3	No
1445	Manhole	L058110	LS 58	Phase 3	No
821	Manhole	L058120	LS 58	Phase 3	No
1437	Manhole	L058130	LS 58	Phase 3	No
1438	Manhole	L058140	LS 58	Phase 3	No
1440	Manhole	L058150	LS 58	Phase 3	No
1439	Manhole	L058160	LS 58	Phase 3	No
1411	Manhole	L058170	LS 58	Phase 3	No
1462	Manhole	L058180	LS 58	Phase 3	No
1450	Manhole	L058190	LS 58	Phase 3	No
1451	Manhole	L058200	LS 58	Phase 3	No
1621	Unknown	L059000	LS 59	Phase 3	No
537	Manhole	L059010	LS 59	Phase 3	No
536	Manhole	L059020	LS 59	Phase 3	No
541	Manhole	L059030	LS 59	Phase 3	No
540	Manhole	L059040	LS 59	Phase 3	No
539	Manhole	L059050	LS 59	Phase 3	No
538	Manhole	L059060	LS 59	Phase 3	No
1646	Unknown	L073000	LS 73	Phase 3	No
1647	Manhole	L073010	LS 73	Phase 3	Yes
81	Manhole	L073020	LS 73	Phase 3	No
1672	Unknown	L075000	LS 75	Phase 3	No
802	Manhole	L075010	LS 75	Phase 3	No
830	Manhole	L075020	LS 75	Phase 3	No
837	Manhole	L075030	LS 75	Phase 3	No
836	Manhole	L075040	LS 75	Phase 3	No
835	Manhole	L075050	LS 75	Phase 3	No
834	Manhole	L075060	LS 75	Phase 3	No
808	Manhole	L075070	LS 75	Phase 3	No
831	Manhole	L075080	LS 75	Phase 3	No
832	Manhole	L075090	LS 75	Phase 3	No
827	Manhole	L075100	LS 75	Phase 3	No
828	Manhole	L075110	LS 75	Phase 3	No
829	Manhole	L075120	LS 75	Phase 3	No
806	Manhole	L075130	LS 75	Phase 3	No
803	Manhole	L075140	LS 75	Phase 3	No
804	Manhole	L075150	LS 75	Phase 3	No
805	Manhole	L075160	LS 75	Phase 3	No
801	Manhole	L075170	LS 75	Phase 3	Yes
1626	Unknown	L076000	LS 76	Phase 3	No
1350	Manhole	L076010	LS 76	Phase 3	No
842	Manhole	L076020	LS 76	Phase 3	No

843	Manhole	L076030	LS 76	Phase 3	No
844	Manhole	L076040	LS 76	Phase 3	No
838	Manhole	L076050	LS 76	Phase 3	No
839	Manhole	L076060	LS 76	Phase 3	No
840	Manhole	L076070	LS 76	Phase 3	No
841	Manhole	L076080	LS 76	Phase 3	No
807	Manhole	L076090	LS 76	Phase 3	No
833	Manhole	L076100	LS 76	Phase 3	No
1355	Manhole	L076110	LS 76	Phase 3	No
1312	Manhole	L076120	LS 76	Phase 3	No
845	Manhole	L076130	LS 76	Phase 3	No
1343	Manhole	L076140	LS 76	Phase 3	No
1344	Manhole	L076150	LS 76	Phase 3	No
1345	Manhole	L076160	LS 76	Phase 3	No
1346	Manhole	L076170	LS 76	Phase 3	No
1342	Manhole	L076180	LS 76	Phase 3	No
1341	Manhole	L076190	LS 76	Phase 3	No
1340	Manhole	L076200	LS 76	Phase 3	No
809	Manhole	L076210	LS 76	Phase 3	No
1351	Manhole	L076220	LS 76	Phase 3	No
1352	Manhole	L076230	LS 76	Phase 3	No
1353	Manhole	L076240	LS 76	Phase 3	No
1354	Manhole	L076250	LS 76	Phase 3	No
1349	Manhole	L076260	LS 76	Phase 3	No
1348	Manhole	L076270	LS 76	Phase 3	No
1347	Manhole	L076280	LS 76	Phase 3	No
810	Manhole	L076290	LS 76	Phase 3	No
1624	Unknown	L077000	LS 77	Phase 3	No
1315	Manhole	L077010	LS 77	Phase 3	No
1316	Manhole	L077020	LS 77	Phase 3	No
1319	Manhole	L077030	LS 77	Phase 3	No
1318	Manhole	L077040	LS 77	Phase 3	No
1313	Manhole	L077050	LS 77	Phase 3	No
1314	Manhole	L077060	LS 77	Phase 3	No
846	Manhole	L077070	LS 77	Phase 3	No
1356	Manhole	L077080	LS 77	Phase 3	No
1357	Manhole	L077090	LS 77	Phase 3	No
820	Manhole	L077100	LS 77	Phase 3	No
818	Manhole	L077110	LS 77	Phase 3	No
1317	Manhole	L077120	LS 77	Phase 3	No
1320	Manhole	L077130	LS 77	Phase 3	No
1321	Manhole	L077140	LS 77	Phase 3	No
1326	Manhole	L077150	LS 77	Phase 3	No
1322	Manhole	L077160	LS 77	Phase 3	No

1325	Manhole	L077170	LS 77	Phase 3	No
1324	Manhole	L077180	LS 77	Phase 3	No
1323	Manhole	L077190	LS 77	Phase 3	No
1327	Manhole	L077200	LS 77	Phase 3	No
1329	Manhole	L077210	LS 77	Phase 3	No
1328	Manhole	L077220	LS 77	Phase 3	No
817	Manhole	L077230	LS 77	Phase 3	No
1335	Manhole	L077240	LS 77	Phase 3	No
1334	Manhole	L077250	LS 77	Phase 3	No
1333	Manhole	L077260	LS 77	Phase 3	No
1332	Manhole	L077270	LS 77	Phase 3	No
1331	Manhole	L077280	LS 77	Phase 3	No
1330	Manhole	L077290	LS 77	Phase 3	No
812	Manhole	L077300	LS 77	Phase 3	No
1337	Manhole	L077310	LS 77	Phase 3	No
1336	Manhole	L077320	LS 77	Phase 3	No
813	Manhole	L077330	LS 77	Phase 3	No
1338	Manhole	L077340	LS 77	Phase 3	No
1339	Manhole	L077350	LS 77	Phase 3	No
811	Manhole	L077360	LS 77	Phase 3	No
1694	Unknown	L078000	LS 78	Phase 3	No
826	Manhole	L078010	LS 78	Phase 3	No
814	Manhole	L078020	LS 78	Phase 3	No
825	Manhole	L078030	LS 78	Phase 3	No
815	Manhole	L078040	LS 78	Phase 3	No
1369	Manhole	L078050	LS 78	Phase 3	No
1368	Manhole	L078060	LS 78	Phase 3	No
1370	Manhole	L078070	LS 78	Phase 3	No
816	Manhole	L078080	LS 78	Phase 3	No
1443	Manhole	L078090	LS 78	Phase 3	No
1444	Manhole	L078100	LS 78	Phase 3	No
1358	Manhole	L078110	LS 78	Phase 3	No
819	Manhole	L078120	LS 78	Phase 3	No
1442	Manhole	L078130	LS 78	Phase 3	No
1441	Manhole	L078140	LS 78	Phase 3	No
1643	Unknown	L079000	LS 79	Phase 3	No
1416	Manhole	L079010	LS 79	Phase 3	No
1415	Manhole	L079020	LS 79	Phase 3	No
1414	Manhole	L079030	LS 79	Phase 3	No
1413	Manhole	L079040	LS 79	Phase 3	No
1412	Manhole	L079050	LS 79	Phase 3	No
1419	Manhole	L079060	LS 79	Phase 3	No
1420	Manhole	L079070	LS 79	Phase 3	No
1421	Manhole	L079080	LS 79	Phase 3	No

1422	Manhole	L079090	LS 79	Phase 3	No
1423	Manhole	L079100	LS 79	Phase 3	Yes
1417	Manhole	L079110	LS 79	Phase 3	No
1418	Manhole	L079120	LS 79	Phase 3	Yes
1680	Unknown	L080000	LS 80	Phase 3	No
1367	Manhole	L080010	LS 80	Phase 3	No
1363	Manhole	L080020	LS 80	Phase 3	No
1362	Manhole	L080030	LS 80	Phase 3	No
1361	Manhole	L080040	LS 80	Phase 3	No
1360	Manhole	L080050	LS 80	Phase 3	No
1359	Manhole	L080060	LS 80	Phase 3	No
566	Manhole	L080070	LS 80	Phase 3	No
1365	Manhole	L080080	LS 80	Phase 3	No
1366	Manhole	L080090	LS 80	Phase 3	No
1364	Manhole	L080100	LS 80	Phase 3	No
567	Manhole	L080110	LS 80	Phase 3	No
1425	Manhole	L080120	LS 80	Phase 3	No
1424	Manhole	L080130	LS 80	Phase 3	No
1623	Unknown	L082000	LS 82	Phase 3	No
1429	Manhole	L082010	LS 82	Phase 3	No
1427	Manhole	L082020	LS 82	Phase 3	No
1428	Manhole	L082030	LS 82	Phase 3	No
1426	Manhole	L082040	LS 82	Phase 3	No
1433	Manhole	L082050	LS 82	Phase 3	No
1430	Manhole	L082060	LS 82	Phase 3	No
1431	Manhole	L082070	LS 82	Phase 3	No
1432	Manhole	L082080	LS 82	Phase 3	No
1373	Manhole	L082090	LS 82	Phase 3	No
1374	Manhole	L082100	LS 82	Phase 3	No
1372	Manhole	L082110	LS 82	Phase 3	No
1666	Unknown	L083000	LS 83	Phase 3	No
1382	Manhole	L083010	LS 83	Phase 3	No
1383	Manhole	L083020	LS 83	Phase 3	No
1384	Manhole	L083030	LS 83	Phase 3	No
1385	Manhole	L083040	LS 83	Phase 3	No
1386	Manhole	L083050	LS 83	Phase 3	No
1387	Manhole	L083060	LS 83	Phase 3	No
1388	Manhole	L083070	LS 83	Phase 3	No
1377	Manhole	L083080	LS 83	Phase 3	No
1381	Manhole	L083090	LS 83	Phase 3	No
1380	Manhole	L083100	LS 83	Phase 3	No
1379	Manhole	L083110	LS 83	Phase 3	No
1378	Manhole	L083120	LS 83	Phase 3	No
1691	Unknown	L085000	LS 85	Phase 3	No

1697	Manhole	L085010	LS 85	Phase 3	No
1086	Manhole	L085020	LS 85	Phase 3	No
1087	Manhole	L085030	LS 85	Phase 3	No
1090	Manhole	L085040	LS 85	Phase 3	No
1091	Manhole	L085050	LS 85	Phase 3	No
1692	Manhole	L085060	LS 85	Phase 3	Yes
1089	Manhole	L085070	LS 85	Phase 3	No
1088	Manhole	L085080	LS 85	Phase 3	No
1612	Unknown	L087000	LS 87	Phase 3	No
766	Manhole	L087010	LS 087	Phase 3	No
758	Manhole	L087020	LS 087	Phase 3	No
757	Manhole	L087030	LS 087	Phase 3	No
762	Manhole	L087040	LS 087	Phase 3	No
761	Manhole	L087050	LS 087	Phase 3	No
756	Manhole	L087060	LS 087	Phase 3	No
752	Manhole	L087070	LS 087	Phase 3	No
763	Manhole	L087080	LS 087	Phase 3	No
759	Manhole	L087090	LS 087	Phase 3	No
755	Manhole	L087100	LS 087	Phase 3	No
753	Manhole	L087110	LS 087	Phase 3	No
765	Manhole	L087120	LS 087	Phase 3	No
764	Manhole	L087130	LS 087	Phase 3	No
760	Manhole	L087140	LS 087	Phase 3	No
767	Manhole	L087150	LS 087	Phase 3	No
768	Manhole	L087160	LS 087	Phase 3	No
754	Manhole	L087170	LS 087	Phase 3	No
1615	Unknown	L094000	LS 94	Phase 3	No
646	Manhole	L094010	LS 94	Phase 3	No
647	Manhole	L094020	LS 94	Phase 3	No
648	Manhole	L094030	LS 94	Phase 3	No
649	Manhole	L094040	LS 94	Phase 3	No
650	Manhole	L094050	LS 94	Phase 3	No
651	Manhole	L094060	LS 94	Phase 3	No
652	Manhole	L094070	LS 94	Phase 3	No
653	Manhole	L094080	LS 94	Phase 3	No
654	Manhole	L094090	LS 94	Phase 3	No
620	Manhole	L094100	LS 94	Phase 3	No
672	Manhole	L094110	LS 94	Phase 3	No
673	Manhole	L094120	LS 94	Phase 3	No
674	Manhole	L094130	LS 94	Phase 3	No
675	Manhole	L094140	LS 94	Phase 3	No
676	Manhole	L094150	LS 94	Phase 3	No
622	Manhole	L094160		Phase 3	No
621	Manhole	L094170		Phase 3	No

658	Manhole	L094180		Phase 3	No
655	Manhole	L094190		Phase 3	No
656	Manhole	L094200		Phase 3	No
657	Manhole	L094210		Phase 3	No
1606	Manhole	L094220		Phase 3	Yes
1678	Unknown	L095000	LS 95	Phase 3	No
60	Manhole	L095010	LS 95	Phase 3	No
61	Manhole	L095020	LS 95	Phase 3	No
63	Manhole	L095030	LS 95	Phase 3	No
62	Manhole	L095040	LS 95	Phase 3	No
64	Manhole	L095050	LS 95	Phase 3	No
65	Manhole	L095060	LS 95	Phase 3	No
66	Manhole	L095070	LS 95	Phase 3	No
59	Manhole	L095080	LS 95	Phase 3	No
1613	Unknown	L096000	LS 96	Phase 3	No
797	Manhole	L096010	LS 96	Phase 3	No
800	Manhole	L096020	LS 96	Phase 3	No
799	Manhole	L096030	LS 96	Phase 3	No
798	Manhole	L096040	LS 96	Phase 3	No
1701	Unknown	L098000	LS 98	Phase 3	No
1278	Manhole	L098010	LS 98	Phase 3	No
1277	Manhole	L098020	LS 98	Phase 3	No
1276	Manhole	L098030	LS 98	Phase 3	No
1279	Manhole	L098040	LS 98	Phase 3	No
1280	Manhole	L098050	LS 98	Phase 3	No
1281	Manhole	L098060	LS 98	Phase 3	No
1282	Manhole	L098070	LS 98	Phase 3	No
1673	Unknown	L099000	LS 99	Phase 3	No
480	Manhole	L099010	LS 99	Phase 3	No
1264	Manhole	L099020	LS 99	Phase 3	No
1265	Manhole	L099030	LS 99	Phase 3	No
1266	Manhole	L099040	LS 99	Phase 3	No
1267	Manhole	L099050	LS 99	Phase 3	No
1268	Manhole	L099060	LS 99	Phase 3	No
1269	Manhole	L099070	LS 99	Phase 3	No
1270	Manhole	L099080	LS 99	Phase 3	No
1275	Manhole	L099090	LS 99	Phase 3	No
1274	Manhole	L099100	LS 99	Phase 3	No
1273	Manhole	L099110	LS 99	Phase 3	No
1272	Manhole	L099120	LS 99	Phase 3	No
1271	Manhole	L099130	LS 99	Phase 3	No
1263	Manhole	L099140	LS 99	Phase 3	No
1262	Manhole	L099150	LS 99	Phase 3	No
1261	Manhole	L099160	LS 99	Phase 3	No

1260	Manhole	L099170	LS 99	Phase 3	No
1259	Manhole	L099180	LS 99	Phase 3	No
1258	Manhole	L099190	LS 99	Phase 3	No
1509	Unknown	L099200	LS 99	Phase 3	No
1609	Unknown	L100000	LS 100	Phase 3	No
992	Unknown	L100010	LS 100	Phase 3	No
991	Unknown	L100020	LS 100	Phase 3	No
990	Unknown	L100030	LS 100	Phase 3	No
989	Unknown	L100040	LS 100	Phase 3	No
1675	Unknown	L101000	LS 101	Phase 3	No
988	Manhole	L101010	LS 101	Phase 3	No
636	Manhole	L101020	LS 101	Phase 3	No
635	Manhole	L101030	LS 101	Phase 3	No
634	Manhole	L101040	LS 101	Phase 3	No
633	Manhole	L101050	LS 101	Phase 3	No
982	Manhole	L101060	LS 101	Phase 3	No
981	Manhole	L101070	LS 101	Phase 3	No
980	Manhole	L101080	LS 101	Phase 3	No
986	Manhole	L101090	LS 101	Phase 3	No
985	Manhole	L101100	LS 101	Phase 3	No
984	Manhole	L101110	LS 101	Phase 3	No
983	Manhole	L101120	LS 101	Phase 3	No
987	Manhole	L101130	LS 101	Phase 3	No
966	Manhole	L101140	LS 101	Phase 3	No
1582	Unknown	L102000	LS 102	Phase 3	No
979	Manhole	L102010	LS 102	Phase 3	No
978	Manhole	L102020	LS 102	Phase 3	No
972	Manhole	L102030	LS 102	Phase 3	No
971	Manhole	L102040	LS 102	Phase 3	No
970	Manhole	L102050	LS 102	Phase 3	No
969	Manhole	L102060	LS 102	Phase 3	No
968	Manhole	L102070	LS 102	Phase 3	No
962	Manhole	L102080	LS 102	Phase 3	No
973	Manhole	L102090	LS 102	Phase 3	No
974	Manhole	L102100	LS 102	Phase 3	No
975	Manhole	L102110	LS 102	Phase 3	No
963	Manhole	L102120	LS 102	Phase 3	No
976	Manhole	L102130	LS 102	Phase 3	No
977	Manhole	L102140	LS 102	Phase 3	No
965	Manhole	L102150	LS 102	Phase 3	No
964	Manhole	L102160	LS 102	Phase 3	No
1585	Unknown	L103000	LS 103	Phase 3	No
581	Manhole	L103010	LS 103	Phase 3	No
582	Manhole	L103020	LS 103	Phase 3	No

583	Manhole	L103030	LS 103	Phase 3	No
584	Manhole	L103040	LS 103	Phase 3	No
587	Manhole	L103050	LS 103	Phase 3	No
588	Manhole	L103060	LS 103	Phase 3	No
590	Manhole	L103070	LS 103	Phase 3	No
589	Manhole	L103080	LS 103	Phase 3	No
585	Manhole	L103090	LS 103	Phase 3	No
586	Manhole	L103100	LS 103	Phase 3	No
580	Manhole	L103110	LS 103	Phase 3	No
579	Manhole	L103120	LS 103	Phase 3	No
1700	Unknown	L115000	LS 115	Phase 3	No
611	Manhole	L115010	LS 115	Phase 3	No
614	Manhole	L115020	LS 115	Phase 3	No
612	Manhole	L115030	LS 115	Phase 3	No
610	Manhole	L115040	LS 115	Phase 3	No
679	Manhole	L115050	LS 115	Phase 3	No
678	Manhole	L115060	LS 115	Phase 3	No
677	Manhole	L115070	LS 115	Phase 3	No
613	Manhole	L115080	LS 115	Phase 3	No
615	Manhole	L115090	LS 115	Phase 3	No
609	Manhole	L115100	LS 115	Phase 3	No
603	Manhole	L115110	LS 115	Phase 3	No
623	Manhole	L115120	LS 115	Phase 3	No
624	Manhole	L115130	LS 115	Phase 3	No
601	Manhole	L115140	LS 115	Phase 3	No
607	Manhole	L115150	LS 115	Phase 3	No
619	Manhole	L115160	LS 115	Phase 3	No
618	Manhole	L115170	LS 115	Phase 3	No
617	Manhole	L115180	LS 115	Phase 3	No
616	Manhole	L115190	LS 115	Phase 3	No
641	Manhole	L115200	LS 115	Phase 3	No
642	Manhole	L115210	LS 115	Phase 3	No
643	Manhole	L115220	LS 115	Phase 3	No
644	Manhole	L115230	LS 115	Phase 3	No
645	Manhole	L115240	LS 115	Phase 3	No
606	Manhole	L115250	LS 115	Phase 3	No
631	Manhole	L115260	LS 115	Phase 3	No
600	Manhole	L115270	LS 115	Phase 3	No
637	Manhole	L115280	LS 115	Phase 3	No
638	Manhole	L115290	LS 115	Phase 3	No
593	Manhole	L115300	LS 115	Phase 3	No
595	Manhole	L115310	LS 115	Phase 3	No
592	Manhole	L115320	LS 115	Phase 3	No
591	Manhole	L115330	LS 115	Phase 3	No

596	Manhole	L115340	LS 115	Phase 3	No
597	Manhole	L115350	LS 115	Phase 3	No
598	Manhole	L115360	LS 115	Phase 3	No
605	Manhole	L115370	LS 115	Phase 3	No
594	Manhole	L115380	LS 115	Phase 3	No
630	Manhole	L115400	LS 115	Phase 3	No
604	Manhole	L115410	LS 115	Phase 3	No
629	Manhole	L115420	LS 115	Phase 3	No
628	Manhole	L115430	LS 115	Phase 3	No
627	Manhole	L115440	LS 115	Phase 3	No
626	Manhole	L115460	LS 115	Phase 3	No
625	Manhole	L115470	LS 115	Phase 3	Yes
599	Manhole	L115480	LS 115	Phase 3	No
602	Manhole	L115490	LS 115	Phase 3	No
639	Manhole	L115500	LS 115	Phase 3	No
640	Manhole	L115510	LS 115	Phase 3	No
1608	Unknown	L117000	LS 117	Phase 3	No
572	Manhole	L117010	LS 117	Phase 3	No
573	Manhole	L117020	LS 117	Phase 3	No
574	Manhole	L117030	LS 117	Phase 3	No
575	Manhole	L117040	LS 117	Phase 3	No
578	Manhole	L117050	LS 117	Phase 3	No
577	Manhole	L117060	LS 117	Phase 3	No
576	Manhole	L117070	LS 117	Phase 3	No
571	Manhole	L117080	LS 117	Phase 3	No
570	Manhole	L117090	LS 117	Phase 3	No
569	Manhole	L117100	LS 117	Phase 3	No
1584	Manhole	L117110	LS 117	Phase 3	Yes
558	Unknown	L118000	LS 118	Phase 3	No
556	Manhole	L118010	LS 118	Phase 3	No
559	Manhole	L118020	LS 118	Phase 3	No
560	Manhole	L118030	LS 118	Phase 3	No
561	Manhole	L118040	LS 118	Phase 3	No
562	Manhole	L118050	LS 118	Phase 3	No
563	Manhole	L118060	LS 118	Phase 3	No
564	Manhole	L118070	LS 118	Phase 3	No
557	Manhole	L118080	LS 118	Phase 3	No
555	Manhole	L118090	LS 118	Phase 3	No
554	Manhole	L118100	LS 118	Phase 3	No
553	Manhole	L118110	LS 118	Phase 3	No
552	Manhole	L118120	LS 118	Phase 3	No
1489	Manhole	L118130	LS 11	Phase 3	No
1655	Unknown	L119000	LS 119	Phase 3	No
1298	Manhole	L119010	LS 119	Phase 3	No

1299	Manhole	L119020	LS 119	Phase 3	No
1300	Manhole	L119030	LS 119	Phase 3	No
1301	Manhole	L119040	LS 119	Phase 3	No
1302	Manhole	L119050	LS 119	Phase 3	No
1485	Unknown	L119060	LS 119	Phase 3	No
1303	Manhole	L119070	LS 119	Phase 3	No
1484	Unknown	L119080	LS 119	Phase 3	No
1297	Manhole	L119090	LS 119	Phase 3	No
1296	Manhole	L119100	LS 119	Phase 3	No
1293	Manhole	L119110	LS 119	Phase 3	No
1291	Manhole	L119120	LS 119	Phase 3	Yes
1481	Manhole	L119130	LS 119	Phase 3	Yes
1295	Manhole	L119140	LS 119	Phase 3	No
1294	Manhole	L119150	LS 119	Phase 3	No
1292	Manhole	L119160	LS 119	Phase 3	No
1480	Unknown	L119170	LS 119	Phase 3	No
1610	Unknown	L120000	LS 120	Phase 3	No
1309	Manhole	L120010	LS 120	Phase 3	No
1308	Manhole	L120020	LS 120	Phase 3	No
1307	Manhole	L120030	LS 120	Phase 3	No
1306	Manhole	L120040	LS 120	Phase 3	No
1305	Manhole	L120050	LS 120	Phase 3	No
1304	Manhole	L120060	LS 120	Phase 3	No
1483	Unknown	L120070	LS 120	Phase 3	No
1311	Manhole	L120080	LS 120	Phase 3	No
551	Manhole	L120090	LS 120	Phase 3	No
550	Manhole	L120100	LS 120	Phase 3	No
1310	Manhole	L120110	LS 120	Phase 3	No
1486	Unknown	L120120	LS 120	Phase 3	No
1287	Unknown	L121000	LS 129	Phase 3	No
1286	Manhole	L121020	LS 129	Phase 3	No
1288	Manhole	L121030	LS 129	Phase 3	No
1289	Manhole	L121040	LS 129	Phase 3	No
1290	Manhole	L121050	LS 129	Phase 3	No
1285	Manhole	L121070	LS 129	Phase 3	No
1283	Manhole	L121080	LS 129	Phase 3	No
1284	Manhole	L121090	LS 129	Phase 3	No
1607	Unknown	L126000	LS 126	Phase 3	No
1482	Unknown	L129060	LS 129	Phase 3	No
1676	Unknown	L131000	LS 131	Phase 3	No
547	Manhole	L131010	LS 131	Phase 3	No
1496	Manhole	L131020	LS 131	Phase 3	No

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OBJECTID	Asset type	Asset ID	LS ID	Bid Set	Force Main Discharge
1410	Unknown	P001000	PLS 001	Phase 3 Private	No
1409	Manhole	P001010	PLS 001	Phase 3 Private	No
1376	Manhole	P001020	PLS 001	Phase 3 Private	No
1408	Manhole	P001030	PLS 001	Phase 3 Private	No
1375	Manhole	P001040	PLS 001	Phase 3 Private	No
1389	Unknown	P006000	PLS 6	Phase 3 Private	No
1390	Manhole	P006010	PLS 6	Phase 3 Private	No
1391	Manhole	P006020	PLS 6	Phase 3 Private	No
1392	Manhole	P006030	PLS 6	Phase 3 Private	No
1393	Manhole	P006040	PLS 6	Phase 3 Private	Yes
1667	Unknown	P017000	PLS 017	Phase 3 Private	No
5	Manhole	P017010	PLS 017	Phase 3 Private	No
6	Manhole	P017020	PLS 017	Phase 3 Private	No
7	Manhole	P017030	PLS 017	Phase 3 Private	No
8	Manhole	P017040	PLS 017	Phase 3 Private	No
9	Manhole	P017050	PLS 017	Phase 3 Private	No
10	Manhole	P017060	PLS 017	Phase 3 Private	No
1617	Unknown	P024000	PLS 024	Phase 3 Private	No
1618	Unknown	P024010	PLS 024	Phase 3 Private	No
532	Manhole	P024020	PLS 024	Phase 3 Private	No
533	Manhole	P024030	PLS 024	Phase 3 Private	No
535	Manhole	P024040	PLS 024	Phase 3 Private	No
534	Manhole	P024050	PLS 024	Phase 3 Private	No
12	Unknown	P025000	LS 25	Phase 3 Private	No
11	Manhole	P025010	LS 25	Phase 3 Private	No
13	Manhole	P025020	LS 25	Phase 3 Private	No
14	Manhole	P025030	LS 25	Phase 3 Private	No
1616	Manhole	P025050	PLS 6	Phase 3 Private	No
1669	Unknown	P029000	PLS 029	Phase 3 Private	No
33	Manhole	P029010	PLS 029	Phase 3 Private	No
32	Manhole	P029020	PLS 029	Phase 3 Private	No
80	Unknown	P050000	PLS 050	Phase 3 Private	No
1464	Manhole	P050010	PLS 050	Phase 3 Private	No
79	Manhole	P050020	PLS 050	Phase 3 Private	No
1463	Manhole	P050030	PLS 050	Phase 3 Private	No
1465	Manhole	P050040	PLS 050	Phase 3 Private	No

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Owned By	Maintained By	Symbol Rotation
Private	Private	0
Private	Private	0
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Private	Private	0
Our Agency	Our Agency	0
Our Agency	Our Agency	0
Our Agency	Our Agency	0
Our Agency	Our Agency	0
Our Agency	Our Agency	0

[illegible]

objectid	Asset type	Asset ID	LS ID
8	Collector Gravity Main	L049140-L049000	LS 49
12	Collector Gravity Main	L013120-L013000	LS 13
13	Collector Gravity Main	L013010-L013000	LS 13
14	Collector Gravity Main	L013180-L013170	LS 13
15	Collector Gravity Main	L013170-L013120	LS 13
26	Collector Gravity Main	L013160-L013150	LS 13
27	Collector Gravity Main	L013140-L013130	LS 13
28	Collector Gravity Main	L013150-L013140	LS 13
29	Collector Gravity Main	L013030-L013020	LS 13
30	Collector Gravity Main	L013130-L013120	LS 13
31	Collector Gravity Main	L013040-L013030	LS 13
82	Collector Gravity Main	L013050-L013040	LS 13
85	Collector Gravity Main	L095050-L095010	LS 95
86	Collector Gravity Main	L131010-L131000	LS 131
88	Collector Gravity Main	L095010-L095000	LS 95
98	Collector Gravity Main	L013070-L013060	LS 13
99	Collector Gravity Main	L013200-L013190	LS 13
100	Collector Gravity Main	L013090-L013080	LS 13
101	Collector Gravity Main	L013110-L013090	LS 13
102	Collector Gravity Main	L013080-L013070	LS 13
103	Collector Gravity Main	L117010-L117000	LS 117
104	Collector Gravity Main	L013190-L013180	LS 13
105	Collector Gravity Main	L013060-L013010	LS 13
106	Collector Gravity Main	L013020-L013010	LS 13
174	Collector Gravity Main	L009070-L009060	LS 09
186	Collector Gravity Main	L009080-L009070	LS 09
223	Collector Gravity Main	L038090-L038080	LS 38
224	Collector Gravity Main	L038040-L038050	LS 38
225	Collector Gravity Main	L038020-L038010	LS 38
226	Collector Gravity Main	L038080-L038000	LS 38
228	Collector Gravity Main	L059060-L059050	LS 59
229	Collector Gravity Main	L059030-L059010	LS 59
295	Collector Gravity Main	L048020-L048030	LS 48
296	Collector Gravity Main	L049110-L049140	LS 49
297	Collector Gravity Main	L049020-L049030	LS 49
298	Collector Gravity Main	L049080-L049090	LS 49
299	Collector Gravity Main	L049100-L049110	LS 49
300	Collector Gravity Main	L049120-L049110	LS 49
301	Collector Gravity Main	L049150-L049140	LS 49
302	Collector Gravity Main	L049130-L049140	LS 49
303	Collector Gravity Main	L049180-L049170	LS 49
304	Collector Gravity Main	L049350-L049340	LS 49
305	Collector Gravity Main	L049330-L049320	LS 49

306	Collector Gravity Main	L049370-L049310	LS 49
307	Collector Gravity Main	L049160-L049170	LS 49
308	Collector Gravity Main	L049230-L049220	LS 49
309	Collector Gravity Main	L049240-L049230	LS 49
310	Collector Gravity Main	L049200-L049190	LS 49
311	Collector Gravity Main	L049300-L049310	LS 49
312	Collector Gravity Main	L049280-L049300	LS 49
313	Collector Gravity Main	L049250-L049260	LS 49
314	Collector Gravity Main	L049290-L049300	LS 49
403	Collector Gravity Main	L085040-L085020	LS 85
404	Collector Gravity Main	L085080-L085070	LS 85
405	Collector Gravity Main	L078100-L078090	LS 78
415	Collector Gravity Main	L083070-L083060	LS 83
416	Collector Gravity Main	L083010-L083000	LS 83
417	Collector Gravity Main	L082050-L082040	LS 82
418	Collector Gravity Main	L082100-L082080	LS 82
419	Collector Gravity Main	L082110-L082010	LS 82
420	Collector Gravity Main	L079040-L079030	LS 79
421	Collector Gravity Main	L079110-L079060	LS 79
422	Collector Gravity Main	L080130-L080120	LS 80
423	Collector Gravity Main	L080110-L080100	LS 80
426	Collector Gravity Main	L079070-L079060	LS 79
427	Collector Gravity Main	L080020-L080010	LS 80
429	Collector Gravity Main	L058090-L058080	LS 58
430	Collector Gravity Main	L058120-L058110	LS 58
431	Collector Gravity Main	L058050-L058020	LS 58
453	Collector Gravity Main	L009190-L009170	LS 09
454	Collector Gravity Main	L009180-L009160	LS 09
455	Collector Gravity Main	L009160-L009150	LS 09
456	Collector Gravity Main	L009100-L009060	LS 09
457	Collector Gravity Main	L009040-L009030	LS 09
459	Collector Gravity Main	L009000-L009010	LS 09
461	Collector Gravity Main	L009150-L009000	LS 09
462	Collector Gravity Main	L010080-L010090	LS 10
463	Collector Gravity Main	L010020-L010030	LS 10
465	Collector Gravity Main	L010030-L010040	LS 10
466	Collector Gravity Main	L010040-L010050	LS 10
468	Collector Gravity Main	L095060-L095050	LS 95
469	Collector Gravity Main	L095030-L095020	LS 95
471	Collector Gravity Main	L011060-L011020	LS 11
472	Collector Gravity Main	L011030-L011020	LS 11
473	Collector Gravity Main	L011070-L011020	LS 11
480	Collector Gravity Main	L050010-L050020	LS 50
481	Collector Gravity Main	L129040-L129030	LS 129

482	Collector Gravity Main	L129030-L129020	LS 129
483	Collector Gravity Main	L129070-L129020	LS 129
484	Collector Gravity Main	L129080-L129070	LS 129
485	Collector Gravity Main	L129090-L129080	LS 129
486	Collector Gravity Main	L119070-L119040	LS 119
488	Collector Gravity Main	L119040-L119030	LS 119
489	Collector Gravity Main	L119050-L119040	LS 119
490	Collector Gravity Main	L119020-L119010	LS 119
491	Collector Gravity Main	L119090-L119010	LS 119
492	Collector Gravity Main	L119010-L119000	LS 119
493	Collector Gravity Main	L119030-L119020	LS 119
494	Collector Gravity Main	L119140-L119100	LS 119
495	Collector Gravity Main	L119150-L119140	LS 119
496	Collector Gravity Main	L119100-L119090	LS 119
497	Collector Gravity Main	L119110-L119100	LS 119
498	Collector Gravity Main	L119120-L119110	LS 119
499	Collector Gravity Main	L119160-L119150	LS 119
500	Collector Gravity Main	L129050-L129040	LS 129
501	Collector Gravity Main	L117040-L117030	LS 117
502	Collector Gravity Main	L117050-L117040	LS 117
503	Collector Gravity Main	L117060-L117050	LS 117
504	Collector Gravity Main	L117070-L117060	LS 117
505	Collector Gravity Main	L117030-L117020	LS 117
506	Collector Gravity Main	L117020-L117010	LS 117
507	Collector Gravity Main	L117080-L117010	LS 117
508	Collector Gravity Main	L117090-L117080	LS 117
509	Collector Gravity Main	L117100-L117090	LS 117
510	Collector Gravity Main	L117110-L117100	LS 117
511	Collector Gravity Main	L118070-L118060	LS 118
512	Collector Gravity Main	L118060-L118050	LS 118
513	Collector Gravity Main	L118050-L118040	LS 118
514	Collector Gravity Main	L118040-L118030	LS 118
515	Collector Gravity Main	L118030-L118020	LS 118
516	Collector Gravity Main	L118020-L118010	LS 118
517	Collector Gravity Main	L118080-L118010	LS 118
518	Collector Gravity Main	L118010-L118000	LS 118
519	Collector Gravity Main	L118090-L118080	LS 118
520	Collector Gravity Main	L118100-L118090	LS 118
521	Collector Gravity Main	L118110-L118100	LS 118
522	Collector Gravity Main	L118120-L118110	LS 118
524	Collector Gravity Main	L120050-L120040	LS 120
525	Collector Gravity Main	L120040-L120030	LS 120
526	Collector Gravity Main	L120030-L120020	LS 120
527	Collector Gravity Main	L120110-L120000	LS 120

528	Collector Gravity Main	L120020-L120000	LS 120
529	Collector Gravity Main	L120080-L120010	LS 120
530	Collector Gravity Main	L120090-L120080	LS 120
531	Collector Gravity Main	L120100-L120090	LS 120
575	Collector Gravity Main	L129020-L129000	LS 129
610	Collector Gravity Main	L010090-L010100	LS 10
611	Collector Gravity Main	L010100-L010010	LS 10
612	Collector Gravity Main	L010010-L010020	LS 10
626	Collector Gravity Main	L058190-L058010	LS 58
627	Collector Gravity Main	L057020-L057010	LS 57
628	Collector Gravity Main	L057010-L057000	LS 57
629	Collector Gravity Main	L056030-L056010	LS 56
631	Collector Gravity Main	L058010-L058000	LS 58
646	Collector Gravity Main	L058180-L058010	LS 58
647	Collector Gravity Main	L058020-L058010	LS 58
648	Collector Gravity Main	L058030-L058020	LS 58
649	Collector Gravity Main	L058040-L058030	LS 58
650	Collector Gravity Main	L075150-L075140	LS 75
651	Collector Gravity Main	L075100-L075090	LS 75
652	Collector Gravity Main	L075040-L075030	LS 75
653	Collector Gravity Main	L076100-L076050	LS 76
654	Collector Gravity Main	L076030-L076020	LS 76
655	Collector Gravity Main	L076220-L076130	LS 76
656	Collector Gravity Main	L076200-L076190	LS 76
657	Collector Gravity Main	L076120-L076110	LS 76
658	Collector Gravity Main	L077030-L077020	LS 77
659	Collector Gravity Main	L077240-L077200	LS 77
660	Collector Gravity Main	L077330-L077320	LS 77
661	Collector Gravity Main	L077280-L077270	LS 77
662	Collector Gravity Main	L077230-L077220	LS 77
663	Collector Gravity Main	L077170-L077130	LS 77
664	Collector Gravity Main	L077140-L077130	LS 77
665	Collector Gravity Main	L077100-L077090	LS 77
666	Collector Gravity Main	L077110-L077040	LS 77
745	Collector Gravity Main	L054040-L054030	LS 54
746	Collector Gravity Main	L054050-L054040	LS 54
747	Collector Gravity Main	L054060-L054050	LS 54
748	Collector Gravity Main	L054070-L054060	LS 54
749	Collector Gravity Main	L054080-L054070	LS 54
750	Collector Gravity Main	L054090-L054080	LS 54
751	Collector Gravity Main	L054100-L054090	LS 54
752	Collector Gravity Main	L054110-L054100	LS 54
753	Collector Gravity Main	L054120-L054110	LS 54
767	Collector Gravity Main	L094050-L094040	LS 94

768	Collector Gravity Main	L094040-L094030	LS 94
769	Collector Gravity Main	L094030-L094020	LS 94
770	Collector Gravity Main	L094020-L094010	LS 94
771	Collector Gravity Main	L094120-L094110	LS 94
773	Collector Gravity Main	L094130-L094120	LS 94
774	Collector Gravity Main	L094140-L094130	LS 94
775	Collector Gravity Main	L094150-L094140	LS 94
776	Collector Gravity Main	L075060-L075050	LS 75
777	Collector Gravity Main	L075030-L075020	LS 75
778	Collector Gravity Main	L076280-L076270	LS 76
795	Collector Gravity Main	L099150-L099140	LS 99
796	Collector Gravity Main	L099160-L099150	LS 99
797	Collector Gravity Main	L099170-L099160	LS 99
798	Collector Gravity Main	L099180-L099170	LS 99
799	Collector Gravity Main	L099190-L099180	LS 99
800	Collector Gravity Main	L099020-L099010	LS 99
801	Collector Gravity Main	L099030-L099020	LS 99
802	Collector Gravity Main	L099040-L099030	LS 99
803	Collector Gravity Main	L099050-L099040	LS 99
804	Collector Gravity Main	L099060-L099050	LS 99
805	Collector Gravity Main	L099070-L099060	LS 99
806	Collector Gravity Main	L099080-L099070	LS 99
807	Collector Gravity Main	L099090-L099080	LS 99
808	Collector Gravity Main	L099100-L099090	LS 99
809	Collector Gravity Main	L099110-L099100	LS 99
810	Collector Gravity Main	L099120-L099110	LS 99
811	Collector Gravity Main	L099130-L099120	LS 99
812	Collector Gravity Main	L098070-L098060	LS 98
813	Collector Gravity Main	L098060-L098050	LS 98
814	Collector Gravity Main	L102020-L102010	LS 102
815	Collector Gravity Main	L098050-L098040	LS 98
816	Collector Gravity Main	L102010-L102000	LS 102
817	Collector Gravity Main	L098040-L098030	LS 98
818	Collector Gravity Main	L102030-L102020	LS 102
819	Collector Gravity Main	L098030-L098020	LS 98
821	Collector Gravity Main	L098020-L098010	LS 98
831	Collector Gravity Main	L102080-L102070	LS 102
841	Collector Gravity Main	L102070-L102060	LS 102
851	Collector Gravity Main	L102060-L102050	LS 102
857	Collector Gravity Main	L102050-L102040	LS 102
863	Collector Gravity Main	L102040-L102030	LS 102
871	Collector Gravity Main	L102090-L102010	LS 102
895	Collector Gravity Main	L102100-L102090	LS 102
906	Collector Gravity Main	L102130-L102100	LS 102

909	Collector Gravity Main	L102140-L102130	LS 102
911	Collector Gravity Main	L102150-L102140	LS 102
912	Collector Gravity Main	L102110-L102100	LS 102
913	Collector Gravity Main	L102160-L102110	LS 102
914	Collector Gravity Main	L102120-L102110	LS 102
917	Collector Gravity Main	L103120-L103110	LS 103
918	Collector Gravity Main	L103110-L103010	LS 103
919	Collector Gravity Main	L103010-L103000	LS 103
920	Collector Gravity Main	L103010-L103020	LS 103
921	Collector Gravity Main	L103020-L103030	LS 103
922	Collector Gravity Main	L103030-L103040	LS 103
923	Collector Gravity Main	L103090-L103040	LS 103
924	Collector Gravity Main	L103100-L103090	LS 103
925	Collector Gravity Main	L103080-L103070	LS 103
926	Collector Gravity Main	L103070-L103060	LS 103
927	Collector Gravity Main	L103060-L103050	LS 103
928	Collector Gravity Main	L103050-L103040	LS 103
929	Collector Gravity Main	L100010-L100000	LS 100
931	Collector Gravity Main	L100040-L100030	LS 100
932	Collector Gravity Main	L100030-L100020	LS 100
933	Collector Gravity Main	L100020-L100010	LS 100
934	Collector Gravity Main	L101140-L101130	LS 101
935	Collector Gravity Main	L101130-L101010	LS 101
936	Collector Gravity Main	L101090-L101010	LS 101
937	Collector Gravity Main	L101100-L101090	LS 101
938	Collector Gravity Main	L101110-L101100	LS 101
939	Collector Gravity Main	L101120-L101110	LS 101
940	Collector Gravity Main	L101080-L101070	LS 101
941	Collector Gravity Main	L101070-L101060	LS 101
942	Collector Gravity Main	L101060-L101050	LS 101
943	Collector Gravity Main	L101050-L101040	LS 101
944	Collector Gravity Main	L101040-L101030	LS 101
945	Collector Gravity Main	L101030-L101020	LS 101
946	Collector Gravity Main	L101020-L101010	LS 101
947	Collector Gravity Main	L101010-L101000	LS 101
953	Collector Gravity Main	L094060-L094050	LS 94
957	Collector Gravity Main	L094070-L094060	LS 94
958	Collector Gravity Main	L094080-L094070	LS 94
959	Collector Gravity Main	L094090-L094080	LS 94
960	Collector Gravity Main	L094100-L094090	LS 94
970	Collector Gravity Main	L054030-L054020	LS 54
971	Collector Gravity Main	L054020-L054010	LS 54
1012	Collector Gravity Main	L054010-L054000	LS 54
1013	Collector Gravity Main	L094010-L094000	LS 94

1014	Collector Gravity Main	L094110-L094000	LS 94
1017	Collector Gravity Main	L118130-L118090	LS 118
1018	Collector Gravity Main	L096030-L096000	LS 96
1019	Collector Gravity Main	L096020-L096030	LS 96
1021	Collector Gravity Main	L096040-L096030	LS 96
1027	Collector Gravity Main	L011040-L011030	LS 11
1028	Collector Gravity Main	L011050-L011030	LS 11
1134	Collector Gravity Main	L078060-L078050	LS 78
1135	Collector Gravity Main	L078070-L078060	LS 78
1136	Collector Gravity Main	L078080-L078070	LS 78
1137	Collector Gravity Main	L078120-L078110	LS 78
1138	Collector Gravity Main	L078040-L078030	LS 78
1139	Collector Gravity Main	L078030-L078010	LS 78
1168	Collector Gravity Main	L098010-L098000	LS 98
1199	Collector Gravity Main	L009030-L009010	LS 09
1205	Collector Gravity Main	L049090-L049110	LS 49
1384	Collector Gravity Main	L049050-L049060	LS 49
1385	Collector Gravity Main	L049030-L049060	LS 49
1386	Collector Gravity Main	L049010-L049020	LS 49
1387	Collector Gravity Main	L049040-L049050	LS 49
1388	Collector Gravity Main	L049060-L049090	LS 49
1389	Collector Gravity Main	L049070-L049080	LS 49
1391	Collector Gravity Main	L049190-L049170	LS 49
1392	Collector Gravity Main	L049170-L049140	LS 49
1393	Collector Gravity Main	L049210-L049200	LS 49
1394	Collector Gravity Main	L049310-L049160	LS 49
1395	Collector Gravity Main	L049360-L049340	LS 49
1396	Collector Gravity Main	L049320-L049310	LS 49
1397	Collector Gravity Main	L049340-L049330	LS 49
1398	Collector Gravity Main	L049270-L049280	LS 49
1399	Collector Gravity Main	L049260-L049270	LS 49
1439	Collector Gravity Main	L059010-L059020	LS 59
1440	Collector Gravity Main	L059050-L059040	LS 59
1441	Collector Gravity Main	L059040-L059030	LS 59
1442	Collector Gravity Main	L059010-L059000	LS 59
1447	Collector Gravity Main	L038130-L038080	LS 38
1448	Collector Gravity Main	L038110-L038100	LS 38
1449	Collector Gravity Main	L038120-L038110	LS 38
1450	Collector Gravity Main	L038100-L038090	LS 38
1451	Collector Gravity Main	L038071-L038080	LS 38
1452	Collector Gravity Main	L038060-L038070	LS 38
1453	Collector Gravity Main	L038050-L038060	LS 38
1454	Collector Gravity Main	L038030-L038040	LS 38
1455	Collector Gravity Main	L038010-L038030	LS 38

1458	Collector Gravity Main	L011110-L011120	LS 11
1459	Collector Gravity Main	L011120-L011060	LS 11
1460	Collector Gravity Main	L095080-L095010	LS 95
1461	Collector Gravity Main	L095040-L095030	LS 95
1462	Collector Gravity Main	L095020-L095010	LS 95
1463	Collector Gravity Main	L095070-L095060	LS 95
1467	Collector Gravity Main	L075170-L075160	LS 75
1468	Collector Gravity Main	L075160-L075150	LS 75
1469	Collector Gravity Main	L075140-L075010	LS 75
1470	Collector Gravity Main	L075010-L075000	LS 75
1471	Collector Gravity Main	L075130-L075120	LS 75
1472	Collector Gravity Main	L075120-L075110	LS 75
1473	Collector Gravity Main	L075110-L075100	LS 75
1474	Collector Gravity Main	L075080-L075020	LS 75
1475	Collector Gravity Main	L075090-L075080	LS 75
1476	Collector Gravity Main	L075010-L075020	LS 75
1477	Collector Gravity Main	L075050-L075040	LS 75
1478	Collector Gravity Main	L075070-L075060	LS 75
1479	Collector Gravity Main	L076090-L076080	LS 76
1480	Collector Gravity Main	L076080-L076070	LS 76
1481	Collector Gravity Main	L076070-L076060	LS 76
1482	Collector Gravity Main	L076060-L076050	LS 76
1483	Collector Gravity Main	L076050-L076040	LS 76
1484	Collector Gravity Main	L076040-L076030	LS 76
1485	Collector Gravity Main	L076020-L076010	LS 76
1486	Collector Gravity Main	L077070-L077060	LS 77
1487	Collector Gravity Main	L077060-L077050	LS 77
1488	Collector Gravity Main	L077050-L077040	LS 77
1489	Collector Gravity Main	L077040-L077030	LS 77
1490	Collector Gravity Main	L077020-L077010	LS 77
1491	Collector Gravity Main	L077010-L077000	LS 77
1492	Collector Gravity Main	L077120-L077030	LS 77
1493	Collector Gravity Main	L077130-L077120	LS 77
1494	Collector Gravity Main	L077190-L077180	LS 77
1495	Collector Gravity Main	L077180-L077170	LS 77
1496	Collector Gravity Main	L077160-L077150	LS 77
1497	Collector Gravity Main	L077150-L077140	LS 77
1498	Collector Gravity Main	L077360-L077350	LS 77
1499	Collector Gravity Main	L077350-L077340	LS 77
1500	Collector Gravity Main	L077340-L077310	LS 77
1501	Collector Gravity Main	L077310-L077240	LS 77
1502	Collector Gravity Main	L077200-L077010	LS 77
1503	Collector Gravity Main	L077210-L077200	LS 77
1504	Collector Gravity Main	L077220-L077210	LS 77

1505	Collector Gravity Main	L077250-L077240	LS 77
1506	Collector Gravity Main	L077260-L077250	LS 77
1507	Collector Gravity Main	L077270-L077260	LS 77
1508	Collector Gravity Main	L077300-L077290	LS 77
1509	Collector Gravity Main	L077290-L077280	LS 77
1510	Collector Gravity Main	L077320-L077310	LS 77
1511	Collector Gravity Main	L076140-L076130	LS 76
1512	Collector Gravity Main	L076150-L076140	LS 76
1513	Collector Gravity Main	L076160-L076150	LS 76
1514	Collector Gravity Main	L076170-L076160	LS 76
1515	Collector Gravity Main	L076180-L076170	LS 76
1516	Collector Gravity Main	L076190-L076180	LS 76
1517	Collector Gravity Main	L076210-L076200	LS 76
1518	Collector Gravity Main	L076270-L076260	LS 76
1519	Collector Gravity Main	L076290-L076280	LS 76
1520	Collector Gravity Main	L076260-L076250	LS 76
1521	Collector Gravity Main	L076250-L076240	LS 76
1522	Collector Gravity Main	L076240-L076230	LS 76
1523	Collector Gravity Main	L076230-L076220	LS 76
1524	Collector Gravity Main	L076010-L076130	LS 76
1525	Collector Gravity Main	L076110-L076020	LS 76
1526	Collector Gravity Main	L077080-L077050	LS 77
1527	Collector Gravity Main	L077090-L077080	LS 77
1528	Collector Gravity Main	L078130-L078110	LS 78
1529	Collector Gravity Main	L080070-L080060	LS 80
1530	Collector Gravity Main	L080060-L080050	LS 80
1531	Collector Gravity Main	L080050-L080040	LS 80
1532	Collector Gravity Main	L080040-L080030	LS 80
1533	Collector Gravity Main	L080030-L080020	LS 80
1534	Collector Gravity Main	L080090-L080010	LS 80
1535	Collector Gravity Main	L080080-L080090	LS 80
1536	Collector Gravity Main	L080100-L080080	LS 80
1537	Collector Gravity Main	L078020-L078010	LS 78
1538	Collector Gravity Main	L083120-L083110	LS 83
1539	Collector Gravity Main	L083110-L083100	LS 83
1540	Collector Gravity Main	L083100-L083090	LS 83
1541	Collector Gravity Main	L083090-L083010	LS 83
1542	Collector Gravity Main	L083020-L083010	LS 83
1543	Collector Gravity Main	L083030-L083020	LS 83
1544	Collector Gravity Main	L083040-L083030	LS 83
1545	Collector Gravity Main	L083050-L083040	LS 83
1546	Collector Gravity Main	L083060-L083050	LS 83
1547	Collector Gravity Main	L083080-L083070	LS 83
1562	Collector Gravity Main	L079100-L079090	LS 79

1563	Collector Gravity Main	L079090-L079080	LS 79
1564	Collector Gravity Main	L079080-L079070	LS 79
1565	Collector Gravity Main	L079060-L079010	LS 79
1566	Collector Gravity Main	L079120-L079110	LS 79
1567	Collector Gravity Main	L079010-L079000	LS 79
1568	Collector Gravity Main	L079020-L079010	LS 79
1569	Collector Gravity Main	L079030-L079020	LS 79
1570	Collector Gravity Main	L079050-L079040	LS 79
1571	Collector Gravity Main	L080120-L080010	LS 80
1572	Collector Gravity Main	L082090-L082080	LS 82
1573	Collector Gravity Main	L082080-L082070	LS 82
1574	Collector Gravity Main	L082070-L082060	LS 82
1575	Collector Gravity Main	L082060-L082010	LS 82
1576	Collector Gravity Main	L082020-L082010	LS 82
1577	Collector Gravity Main	L082030-L082020	LS 82
1578	Collector Gravity Main	L082040-L082030	LS 82
1579	Collector Gravity Main	L058170-L058160	LS 58
1580	Collector Gravity Main	L058160-L058150	LS 58
1581	Collector Gravity Main	L058150-L058140	LS 58
1582	Collector Gravity Main	L058130-L058140	LS 58
1583	Collector Gravity Main	L058060-L058130	LS 58
1584	Collector Gravity Main	L058070-L058060	LS 58
1585	Collector Gravity Main	L058080-L058070	LS 58
1586	Collector Gravity Main	L058100-L058060	LS 58
1587	Collector Gravity Main	L058110-L058100	LS 58
1588	Collector Gravity Main	L078140-L078130	LS 78
1589	Collector Gravity Main	L078110-L078100	LS 78
1590	Collector Gravity Main	L078090-L078050	LS 78
1591	Collector Gravity Main	L058200-L058190	LS 58
1592	Collector Gravity Main	L057050-L057040	LS 57
1593	Collector Gravity Main	L057040-L057010	LS 57
1594	Collector Gravity Main	L057030-L057020	LS 57
1595	Collector Gravity Main	L056060-L056050	LS 56
1596	Collector Gravity Main	L056050-L056040	LS 56
1597	Collector Gravity Main	L056040-L056030	LS 56
1599	Collector Gravity Main	L058140-L058180	LS 58
1608	Collector Gravity Main	L049220-L049190	LS 49
1624	Collector Gravity Main	L009170-L009180	LS 09
1626	Collector Gravity Main	L009050-L009040	LS 09
1627	Collector Gravity Main	L009060-L009050	LS 09
1632	Collector Gravity Main	L010060-L010070	LS 10
1633	Collector Gravity Main	L010070-L010080	LS 10
1639	Collector Gravity Main	L078050-L078010	LS 78
1649	Collector Gravity Main	L082000-L082010	LS 82

1650	Collector Gravity Main	L076010-L076000	LS 76
1653	Collector Gravity Main	L034010-L034000	LS 34
1662	Collector Gravity Main	L120010-L120000	LS 120
1665	Collector Gravity Main	L080010-L080000	LS 80
1676	Collector Gravity Main	L038070-L038071	LS 38
1842	Collector Gravity Main	L048010-L048020	LS 48
1843	Collector Gravity Main	L048030-L048000	LS 48
1882	Collector Gravity Main	L085060-L085050	LS 85
1883	Collector Gravity Main	L085050-L085040	LS 85
1884	Collector Gravity Main	L085030-L085020	LS 85
1885	Collector Gravity Main	L085070-L085030	LS 85
1886	Collector Gravity Main	L050020-L050000	LS 50
1887	Collector Gravity Main	L013100-L013090	LS 13
470	Collector Gravity Main	L011100-L011110	LS 11
1456	Collector Gravity Main	L011080-L011090	LS 11
1457	Collector Gravity Main	L011090-L011100	LS 11
2354	Collector Gravity Main	L011150-L011140	LS 11
630	Collector Gravity Main	L056010-L056000	LS 56
667	Collector Gravity Main	L087170-L087160	LS 87
668	Collector Gravity Main	L087160-L087150	LS 87
669	Collector Gravity Main	L087150-L087140	LS 87
670	Collector Gravity Main	L087140-L087130	LS 87
671	Collector Gravity Main	L087130-L087120	LS 87
672	Collector Gravity Main	L087120-L087010	LS 87
673	Collector Gravity Main	L087010-L087000	LS 87
674	Collector Gravity Main	L087100-L087090	LS 87
675	Collector Gravity Main	L087090-L087080	LS 87
676	Collector Gravity Main	L087080-L087020	LS 87
677	Collector Gravity Main	L087110-L087020	LS 87
678	Collector Gravity Main	L087060-L087050	LS 87
679	Collector Gravity Main	L087050-L087040	LS 87
680	Collector Gravity Main	L087040-L087030	LS 87
681	Collector Gravity Main	L087030-L087020	LS 87
682	Collector Gravity Main	L087020-L087010	LS 87
794	Collector Gravity Main	L099140-L099010	LS 99
951	Collector Gravity Main	L087070-L087030	LS 87
1160	Collector Gravity Main	L099010-L099000	LS 99
1598	Collector Gravity Main	L056020-L056010	LS 56
2355	Collector Gravity Main	L011140-L011090	LS 11
2356	Collector Gravity Main	L011130-L011090	LS 11
2256	Collector Gravity Main	L094190-L094200	L094
2257	Collector Gravity Main	L094200-L094210	L094
2258	Collector Gravity Main	L094180-L094210	L094
2259	Collector Gravity Main	L094170-L094180	L094

2260	Collector Gravity Main	L094160-L094180	L094
2261	Collector Gravity Main	L094210-L094220	L094
2268	Collector Gravity Main	L073020-L073010	L073
2308	Collector Gravity Main	L096010-L096020	L096
2309	Collector Gravity Main	L073000-L073020	L073
2310	Collector Gravity Main	L009110-L009120	L 9
2311	Collector Gravity Main	L009100-L009110	L 9
2318	Collector Gravity Main	L131020-L131010	L131
2323	Collector Gravity Main	L009090-L009080	L 9
2329	Collector Gravity Main	L009020-L009010	L 9
2330	Collector Gravity Main	L016050-L016040	L 16
2331	Collector Gravity Main	L034020-L034010	L034
2332	Collector Gravity Main	L034020-L034040	L034
2337	Collector Gravity Main	L009130-L009140	L 9
2338	Collector Gravity Main	L009010-L009130	L 9
2347	Collector Gravity Main	L016010-L016000	L 16
2348	Collector Gravity Main	L016020-L016010	L 16
2349	Collector Gravity Main	L016030-L016020	L 16
2350	Collector Gravity Main	L016040-L016030	L 16
523	Collector Gravity Main	L120060-L120050	LS 120
2304	Collector Gravity Main	L039020-L039010	LS 39
2305	Collector Gravity Main	L039010-L039000	LS 39
532	Collector Gravity Main	L115250-L115240	LS 115
533	Collector Gravity Main	L115240-L115230	LS 115
534	Collector Gravity Main	L115230-L115220	LS 115
535	Collector Gravity Main	L115220-L115210	LS 115
536	Collector Gravity Main	L115210-L115200	LS 115
537	Collector Gravity Main	L115200-L115130	LS 115
538	Collector Gravity Main	L115130-L115120	LS 115
539	Collector Gravity Main	L115120-L115090	LS 115
540	Collector Gravity Main	L115280-L115260	LS 115
541	Collector Gravity Main	L115290-L115280	LS 115
542	Collector Gravity Main	L115500-L115290	LS 115
543	Collector Gravity Main	L115510-L115500	LS 115
544	Collector Gravity Main	L115370-L115280	LS 115
545	Collector Gravity Main	L115200-L115260	LS 115
546	Collector Gravity Main	L115260-L115400	LS 115
547	Collector Gravity Main	L115400-L115420	LS 115
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549	Collector Gravity Main	L115460-L115440	LS 115
550	Collector Gravity Main	L115440-L115430	LS 115
551	Collector Gravity Main	L115430-L115420	LS 115
552	Collector Gravity Main	L115180-L115190	LS 115
553	Collector Gravity Main	L115190-L115090	LS 115

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556	Collector Gravity Main	L115010-L115030	LS 115
557	Collector Gravity Main	L115100-L115040	LS 115
558	Collector Gravity Main	L115110-L115100	LS 115
559	Collector Gravity Main	L115020-L115010	LS 115
560	Collector Gravity Main	L115140-L115050	LS 115
561	Collector Gravity Main	L115050-L115060	LS 115
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571	Collector Gravity Main	L115380-L115480	LS 115
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574	Collector Gravity Main	L115480-L115360	LS 115
576	Collector Gravity Main	L115160-L115490	LS 115
577	Collector Gravity Main	L115150-L115160	LS 115
578	Collector Gravity Main	L115170-L115180	LS 115
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L087150	L087140	324.5705468
L087140	L087130	304.544578
L087130	L087120	284.0619873
L087120	L087010	93.80319832
L087010	L087000	15.71572077
L087100	L087090	328.7890807
L087090	L087080	330.0269684
L087080	L087020	329.6690575
L087110	L087020	133.6379828
L087060	L087050	353.5137756
L087050	L087040	398.8989088
L087040	L087030	392.1183483
L087030	L087020	262.1094156
L087020	L087010	148.8057047
L099140	L099010	145.2508321
L087070	L087030	317.4657242
L099010	L099000	4.007038643
L056020	L056010	139.6355135
L011130	L011090	164.8666121
L011150	L011090	54.97821646
L094190	L094200	191.5375956
L094200	L094210	133.1928567
L094180	L094210	141.2084917
L094170	L094180	130.6438069

L094160	L094180	191.3022975
L094210	L094220	33.7908981
L073020	L073010	108.7707136
L096010	L096020	264.5189977
L073000	L073020	170.1949705
L009110	L009120	80.04306285
L009100	L009110	74.48556445
L131020	L131010	165.4462502
L009090	L009080	109.5924975
L009020	L009010	121.8372781
L016050	L016040	245.4917296
L034020	L034010	68.64538796
L034020	L034040	101.6103751
L009130	L009140	150.0002357
L009010	L009130	106.0662806
L016010	L016000	91.13233147
L016020	L016010	87.62316617
L016030	L016020	100.139248
L016040	L016030	181.9450435
L120060	L120050	88.25432207
L039020	L039010	60.75865499
L039010	L039000	32.29566237
L115250	L115240	261.5909334
L115240	L115230	273.5109629
L115230	L115220	284.5701141
L115220	L115210	209.9920409
L115210	L115200	111.9034153
L115200	L115130	368.8313467
L115130	L115120	218.7038751
L115120	L115090	296.5883467
L115280	L115260	340.7638458
L115290	L115280	326.7269426
L115500	L115290	277.8413389
L115510	L115500	264.7675601
L115370	L115280	300.5368406
L115200	L115260	239.9984028
L115260	L115400	289.3091703
L115400	L115420	209.7335
L115470	L115460	213.7951664
L115460	L115440	208.4188926
L115440	L115430	120.6095162
L115430	L115420	135.0977904
L115180	L115190	305.1113246
L115190	L115090	275.9213634

L115080	L115090	239.0513582
L115030	L115080	149.2907373
L115010	L115030	166.4844035
L115100	L115040	387.6924068
L115110	L115100	404.8398297
L115020	L115010	327.1169107
L115140	L115050	490.5425783
L115050	L115060	418.8947299
L115060	L115070	254.7553628
L115070	L115080	281.2554764
L115350	L115050	321.361922
L115330	L115320	124.6018386
L115300	L115310	203.5619125
L115310	L115320	283.8031031
L115320	L115340	212.0646437
L115340	L115350	316.7104186
L115270	L115480	392.4740705
L115380	L115480	471.4344727
L115360	L115350	287.9525887
L115480	L115360	193.7742842
L115160	L115490	177.4184995
L115150	L115160	388.1973792
L115170	L115180	313.7052529
L115040	L115010	155.0032661
L115160	L115170	252.4851045
L115410	L115400	176.1717963

objectid	Asset type	Asset ID	LS ID
2286	Collector Gravity Main	P025030-P025020	PLS 025
2287	Collector Gravity Main	P025020-P025010	PLS 025
2302	Collector Gravity Main	P025010-P025000	PLS 025
2269	Collector Gravity Main	P001020-P001000	P001
2270	Collector Gravity Main	P001040-P001030	P001
2271	Collector Gravity Main	P001030-P001010	P001
2272	Collector Gravity Main	P001010-P001000	P001
2282	Collector Gravity Main	P006040-P006030	P006
2283	Collector Gravity Main	P006030-P006020	P006
2284	Collector Gravity Main	P006010-P006000	P006
2285	Collector Gravity Main	P025050-P006000	P025
2288	Collector Gravity Main	P029010-P029020	P029
2289	Collector Gravity Main	P029010-P029000	P029
2290	Collector Gravity Main	P006020-P006010	P006
2292	Collector Gravity Main	P017050-P017040	P017
2293	Collector Gravity Main	P017040-P017030	P017
2294	Collector Gravity Main	P017030-P017020	P017
2295	Collector Gravity Main	P017020-P017010	P017
2296	Collector Gravity Main	P017010-P017000	P017
2297	Unknown	P017060 - P017020	P017
2298	Collector Gravity Main	P024050-P024040	P024
2299	Collector Gravity Main	P024030-P024020	P024
2300	Collector Gravity Main	P024040-P024010	P024
2301	Collector Gravity Main	P024020-P024010	P024
2264	Unknown	P050020-P050000	P050
2265	Unknown	P050000-P050010	P050
2266	Unknown	P050020-P050030	P050
2267	Unknown	P050020-P050040	P050

Bid Set	Install Date	Diameter	Owned By	Notes
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Private	Restore to Grade
Phase 3 Private		Unknown	Our Agency	Restore to Grade
Phase 3 Private		Unknown	Our Agency	Restore to Grade
Phase 3 Private		Unknown	Our Agency	Restore to Grade
Phase 3 Private		Unknown	Our Agency	Restore to Grade

Upstream Manhole ID	Downstream Manhole ID	SHAPE.STLength()
P025030	P025020	141.1195047
P025020	P025010	71.01855129
P025010	P025000	28.58442536
P001020	P001000	191.16866
P001040	P001030	161.4934595
P001030	P001010	178.2824518
P001010	P001000	97.36785646
P006040	P006030	114.7735073
P006030	P006020	76.11043707
P006010	P006000	68.39730886
P025050	P006000	282.3266716
P029010	P029020	655.9078627
P029010	P029000	18.02324657
P006020	P006010	17.60001985
P017050	P017040	36.47766716
P017040	P017030	222.364182
P017030	P017020	30.58756697
P017020	P017010	143.9102016
P017010	P017000	134.6244135
P017060	P017020	218.1553847
P024050	P024040	145.0824479
P024030	P024020	154.0414143
P024040	P024010	139.3786875
P024020	P024010	87.5791264
P050020	P050000	173.0403314
P050000	P050010	162.9504798
P050020	P050030	155.6873483
P050020	P050040	152.3362447