

Attachment 2 - Record of Defects and Repairs

Hawai'i County Sewer Defects													
OBJECT ID	Defect Type	FeatType	Basin ID	Location	Identify Date	RepairDate	AssetID	Status	FromMH	StartDist	EndDist	Comments	Last Video Date
3161	Infiltration and Inflow	Main	Papaikou-Paukaa	G Road	2018-10-05		2274	Unresolved	2271	0	159	Needs patch work - Infiltration	
2761	Crack at Joint	Main	Hilo	Kalaniana'ole St	2018-02-01		6207	Unresolved	6206	37	37	Crack at Joint	2018-02-01
2762	Infiltration and Inflow	Main	Hilo	Kalaniana'ole St	2018-02-01		6215	Unresolved	6212	204	204	Leak at Lateral	2018-02-01
1561	Crack at Joint	Main	Hilo	Puueo	2018-01-31		9710	Unresolved	9709	1	1	Crack at Joint	2018-01-31
1562	Root Intrusion	Main	Hilo	Puueo	2018-01-31		9710	Unresolved	9709	2	2	Roots at Joint	2018-01-31
1563	Root Intrusion	Main	Hilo	Puueo	2018-01-31		9710	Unresolved	9709	4	4	Roots at Joint	2018-01-31
1564	Root Intrusion	Main	Hilo	Puueo	2018-01-31		9710	Unresolved	9709	10	10	Roots at Joint	2018-01-31
1565	Offset Pipe	Main	Hilo	Keawe St	2018-01-31		9710	Unresolved	9709	36	36	Offset	2018-01-31
1566	Crack at Joint	Main	Hilo	Keawe St	2018-01-31		9710	Unresolved	9709	51	51	Crack at Joint	2018-01-31
1568	Crack at Joint	Main	Hilo	Keawe St	2018-01-31		9710	Unresolved	9709	57	57	Crack at Joint	2018-01-31
1569	Root Intrusion	Main	Hilo	Keawe St	2018-01-31		9710	Unresolved	9709	189	189	Roots at Joint	2018-01-31
1570	Crack	Main	Hilo	Keawe St	2018-01-31		9710	Unresolved	9709	192	192	Drop line pipe broken at wye	2018-01-31
2370	Infiltration and Inflow	Main	Hilo	Kalaniana'ole St	2018-01-31		6217	Unresolved	6216	186	186	Possible infiltration	2018-01-31
1961	Offset Pipe	Main	Hilo	Puueo St	2018-01-30		31775	Unresolved	3650	2	2	Offset	2018-01-30
1962	Offset Pipe	Main	Hilo	Puueo St	2018-01-30		31775	Unresolved	3650	5	5	Offset	2018-01-30
1963	Missing Pipe	Main	Hilo	Puueo St	2018-01-30		31775	Unresolved	3650	11	11	Pipe missing @ joint 1 & 7 o'clock	2018-01-30
1964	Offset Pipe	Main	Hilo	Puueo St	2018-01-30		31775	Unresolved	3650	32	32	Offset	2018-01-30
1965	Crack at Joint	Main	Hilo	Puueo St	2018-01-30		31775	Unresolved	3650	35	35	Linear crack @ joint	2018-01-30
2368	Blockage	Main	Hilo	Puueo St	2018-01-30		20230	Unresolved	20352	71	76	Debris 5 foot long object	2018-01-30
761	Blockage	Main	Hilo	Amaulu Rd	2018-01-29		21	Unresolved	3660	19	19	Debris in pipe	2018-01-29
762	Blockage	Main	Hilo	Amaulu Rd	2018-01-29		21	Unresolved	3660	25	29	Rocks and Debris in pipe	2018-01-29
1161	Missing Pipe	Main	Hilo	Ohai Street	2018-01-29		3659	Unresolved	3658	20	20	3 o'clock pipe missing	2019-01-29
1162	Offset Pipe	Main	Hilo	Ohai Street	2018-01-29		3659	Unresolved	3658	57	57	Slight offset	2019-01-29
1163	Missing Pipe	Main	Hilo	Ohai Street	2018-01-29		3659	Unresolved	3658	224	224	7 o'clock pipw missing at joint	2019-01-29
1164	Crack at Joint	Main	Hilo	Ohai Street	2018-01-29		3659	Unresolved	3658	258	258	Crack at Joint	2019-01-29
1165	Crack at Joint	Main	Hilo	Ohai Street	2018-01-29		3659	Unresolved	3658	263	263	Crack at Joint	2019-01-29
1166	Blockage	Lateral	Hilo	Ohai Street	2018-01-29		3659	Unresolved	3658	267	267	Protruding Lateral at 12 o'clock position	2019-01-29
362	Deformed	Main	Kealakehe	SMH 13716 to 13814	2017-03-21			Unresolved	13716	179	187		
360	Infiltration and Inflow	Manhole	Papaikou-Paukaa	MH 25398	2016-10-05	2016-10-20		Resolved	25398	0	0	Now Repaired - See atched file- Major infiltration during wet weather - next to small creek	
357	Sag	Main	Hilo	Near 144 Kapiolani Street	2016-03-30		1183	Unresolved	10019	117	124	Replace Pipe 1/8" sag	2016-03-30
358	Sag	Main	Hilo	Near 144 Kapiolani Street	2016-03-30		1183	Unresolved	10021	11	33	Replace Pipe 1/4" sag	2016-03-30
359	Sag	Main	Hilo	Near 144 Kapiolani Street	2016-03-30		1183	Unresolved	10021	112	125	Replace Pipe 1/4" sag	2016-03-30
356	Crack	Manhole	Papaikou-Paukaa	Hole in pipe, back of property near fence	2016-01-15		4177	Unresolved					
279	Root Intrusion	Manhole	Hilo	MH 27126	2015-12-17	2015-03-30	27219	Resolved	27126	0	0	Grass growing over a portion of the concrete structure at grade	2015-12-17
274	Paint Coating	Manhole	Hilo	MH 20260	2015-12-16	2015-04-02	20261	Resolved	20260	0	0	Asphaltic paint coating starting to peel off on manhole frame interior.	2015-12-16
275	Root Intrusion	Manhole	Hilo	MH 20262	2015-12-16	2015-04-02	20265	Resolved	20262	0	0	Minor root intrusion occurring between manhole cover and frame.	2015-12-16
276	Root Intrusion	Manhole	Hilo	MH 25350	2015-12-16	2015-04-02	20266	Resolved	25350	0	0	Minor root intrusion occurring between manhole cover and frame.	2015-12-16
277	Root Intrusion	Manhole	Hilo	MH 19096	2015-12-16	2015-04-02	19862	Resolved	19096	0	0	Minor root intrusion occurring between manhole cover and frame.	2015-12-16
278	Paint Coating	Manhole	Hilo	MH 23583	2015-12-16	2015-04-02	19682	Resolved	23583	0	0	Manhole frame paint coating peeling off.	2015-12-16
272	Paint Coating	Manhole	Hilo	MH 31074	2015-12-15	2015-04-21	3924	Resolved	31074	0	0	Asphaltic paint coating starting to peel off on manhole frame interior near wall joint.	2015-12-15
273	Crack	Manhole	Hilo	MH 20250	2015-12-15	2015-04-09	20269	Resolved	20250	0	0	Minor longitudinal crack approximately 6 inches long in manhole wall.	2015-12-15
345	Blockage	Lateral	Hilo	Lauae Yung Ave 2-1-021-007	2015-11-04		19599	Unresolved				Replaced broken 4" cap. Rocks in lateral	
346	Blockage	Lateral	Hilo	Lauae Yung Ave 2-1-021-069	2015-11-04		19594	Unresolved				Replaced broken 4" cap. Rocks in lateral	
347	Blockage	Lateral	Hilo	Nahale-A Ave 2-1-021-089	2015-11-04		19371	Unresolved				Installed 4" Mech. Plug. Need to repair fitting	
348	Blockage	Lateral	Hilo	Nahale-A Ave 2-1-021-098	2015-11-04	2015-11-04	19406	Resolved				Replaced broken 4" cap.	
349	Blockage	Lateral	Hilo	Nahale-A Ave 2-1-020-096	2015-11-04		20544	Unresolved				Replaced broken 4" cap. Rocks in lateral	
355	Blockage	Lateral	Hilo	Pakele Ln 2-1-020-074	2015-11-04	2015-11-04	16479	Resolved				Replaced broken 4" cap.	
327	Blockage	Lateral	Hilo	Lauae Yung Ave 2-1-021-070	2015-11-02		19533	Unresolved				Replaced broken 4" cap. Rocks in lateral	
344	Blockage	Lateral	Hilo	Lauae Yung Ave 2-1-023-134	2015-11-02		19596	Unresolved				Replaced broken 4" cap. Rocks in lateral	
284	Sag	Main	Hilo	SMH # 10243 to SMH # 10245 by Kukuau St	2015-08-31		10246	Unresolved	10243	36	43	Sag in line	2015-08-31
285	Sag	Main	Hilo	SMH # 10243 to SMH # 10245 by Kukuau St	2015-08-31		10246	Unresolved	10243	133	185	Sag in line	2015-08-31
286	Offset Pipe	Main	Hilo	Kapiolani St	2015-08-26		24296	Unresolved	10257	0	481	Offset	2015-08-26
287	Sag	Main	Hilo	Kuawa Street - Soccer Field	2015-07-28		7921	Unresolved	7919	2	9	Sag starts	2015-07-28
288	Crack	Main	Hilo	Kuawa Street - Soccer Field	2015-07-28		7921	Unresolved	7919	9	9	Crack at 3 o'clock	2015-07-28
289	Crack	Main	Hilo	Kuawa Street - Soccer Field	2015-07-28		7921	Unresolved	7919	14	14	Crack at 7 o'clock	2015-07-28
290	Unknown Defect	Main	Hilo	Kuawa Street - Soccer Field	2015-07-28		7921	Unresolved	7919	44	44	Defect in Link Sleeve	2015-07-28
315	Root Intrusion	Main	Hilo	Kuawa Street - Soccer Field	2015-07-21		32169	Unresolved	32168	0	1	Light Roots	2015-07-21
319	Offset Pipe	Main	Hilo	Kuawa Street - Soccer Field	2015-07-21		32169	Unresolved	32168	141	141	Slight Offset	2015-07-21
320	Sag	Main	Hilo	Kuawa Street - Soccer Field	2015-07-21		32169	Unresolved	32168	142	191	Sag	2015-07-21
280	Infiltration and Inflow	Main	Hilo	29 feet from MH 10655 on Waiuanueue Av	2015-07-20		10657	Unresolved	10655	29	29	Light Infiltration	2015-07-20
271	Blockage	Main	Hilo	30 Waihau Ln, Hilo, HI	2015-03-04	2015-03-04	7458	Unresolved	3660	0	0	2nd time back-up, on private line, not a county line	1900-01-01

ATTACHMENT 2