

US EPA ARCHIVE DOCUMENT

SSO Summary Report: Oct 2011 - Sept 2012

District	Manhole ID #	Start Date/Time	End Date/Time	Location	Village	Sub Facility	Overflow To				Root Cause	Root Cause - Coded by EPA	Description of Incident	Pipe Size	Pipe Length Cleaned (ft)	Total Vol Spilled	Vol Recovered	Net Spill	Pipe Material	Action Taken	Additional Comments
							Storm Drain	River	Wetland	Shoreline											
Northern		01-Oct-11	02-Oct-11	Pale San Vitores	Tamuning N	Manhole	X				grease buildup	g	Manhole #1367 overflowing.	10	200	50	0	50		Contacted MTL crew for assistance. Open man hole #1363 and inserted hi-pressure hose into sewer line upstream to release heavy grease accumulation. After man hole had depleted, jetted line again several times upstream at approximately 200 ft to ensure that line was free from obstruction and to restore line to max capacity. used simple green to deodorize affected area also informed base of job completion.	At approximately 125 ft where obstruction was found.
Central		04-Oct-11	04-Oct-11	567 Roy T Diamian	Mongmong	Gov't. Clean Out					FOG	g	Found Government cleanout at high level.	4	30	10	0	10		Utilized vendor to jet 4" cleanout on Government easement and flushed 30 ft out toward mainline. Flush two times until clog is released, also open manhole ID# 6499 to verify if sewer line is normal. Found no signs of high level at this location. located between M.H.6498 and 6499	Utilized Detry due to size of line, Vactor not able to work on 4" cleanout. Ben Lujan no drivers was available.
Southern		04-Oct-11	05-Oct-11	Chalan Kanton Tasi	Merizo	Force Main					Pump Station #17 Force Main Break	fm	Break in PS #17 force main	8	N/A	80	60	20		MTL crew exposed line and made repair using an 8" circle clamp. Once the force main was repaired, it was pressure tested and backfilled. Subsequent repair of the roadway was conducted by a third party inspector.	Water removed during repair was discharged at Umatac WWTP.
Central		06-Oct-11	06-Oct-11	Roy T Damiam St.	Mongmong	Manhole					Blockage in sewer line	m	Overflow from manhole ID#6505. Notified Paul Kemp of overflow over 100 gallons.	8	131	260	150	110		Inserted hose at ID#197 and shot upstream towards ID#6505. Jetted line 2 times at approximately 131 ft. Pumped up 150 gallons of wastewater from ground or ravine.	Due to vactor under repair, Ben Lujan was utilized, also sewer water pumped from roadside had been discharged at Mongmong Toto pump station. This is all liquid no grease.
Central		07-Oct-11	07-Oct-11	Namo Yona PS	Yona	Pump - PS					Defective Electro rods	ps	Defective control rod in pump station pressure tank prevented normal operation of compressed air valve.	N/A	N/A	80	0	80		Vender depleted wetwell level and disposed of in M.H. 260. Maintenance troubleshoot and replaced electro rods controlling station operation. Station returned to normal operation.	Utilized third party vendor
Central		07-Oct-11	07-Oct-11	# 175 Manley Street	Agana Heights						FOG	g	Overflowing residential clean out. Paul Kemp was notified of SSO over 100 gallons.	4	200	220	100	120		Inserted jetter into Gov cleanout and jetted 200 feet toward id # 4330, encountered blockage at 100 feet, pumped up 5 gallons grease from cleanout, disposed at Agat TP. Informed consumer that all is back to normal and informed base upon completion. cleanout is located between id # 4330 and id # 413. 4" line used Ben Lujan to jet line. Notified Paul Kemp of overflow.	Due to size of line (4") utilized third party vendor
Central		09-Oct-11	09-Oct-11	SGT Roy T Damiam Jr	Mongmong	Manhole					Blockage from FOG	m	Manhole ID#6505 overflowing at Roy TI Damiam St. Notified Paul Kemp of overflow.	8	406	320	200	120		Open M.H. 197 and inserted jetter, shot up stream 131 feet three times towards ID#6505. Then open manhole ID#6505 And pumped out grease and debris 15 gallons of grease found 2 chunks of grease 1 x 6 x 6, also open manhole ID#6496 and pumped out grease and debris 15 gallons also inserted jetter at manhole ID# 6496 and shot down stream to manhole ID#6497 and flushed 275 feet two times. Open up manholes ID#6497,6498,6499 and verified gravity flow operation normal. Total feet jetted 943 of sewer line. Disposed at Agat TP. Informed base control upon completion. informed Paul Kemp of overflow.	Due to vactor under repair, had to utilized Ben Lujan rental.
Central		14-Oct-11	14-Oct-11	Namo Yona PS	Yona	Compressor					Failed solenoid unable to properly build ejector pressure	ps	Pump Station failure due to failed solenoid valve.	N/A	N/A	50	0	50		Vendor pumped down level in M/H # 275A to stop overflow. Electrician (A.Capacia) bled the compressor itself. Able to get compressor running and building pressure. Found solenoid needed to be replaced. Electrician replaced solenoid. Monitored cycles-normal. Rechecked station (11:45 A.M.)- M/H level normal, compressor on auto, and psi readings normal.	**Vendor was used due to Vactor truck being utilized PM in Anigua 10th street at the time.
Northern		14-Oct-11	14-Oct-11	Rojas Dr.	Agana Basin	Gravity Sewer					Heavy Rain	c	Man hole #7905 overflowing due to heavy rainfall.	N/A	N/A	80	0	80		contacted Ben Lujan for assistance. Ben Lujan arrived on site and started extracting sewage from man hole #7905. Informed base control of job completion.	Wastewater pumped out of manhole was discharged at the Mamajanao pump station.
Central		14-Oct-11	14-Oct-11	Rt 1 Marine Corp drive	Tamuning C	Gravity Sewer					heavy rain	c	Manhole #907 overflowing due to heavy rainfall. Notified Paul Kemp	N/A	N/A	500	0	500		Used vehicle to block middle lane to prevent motorist from falling into manhole id # 907, turned on hazard lights and had guys check Agana main pump station and found all 3 pumps operating on auto. Had Ben Aguan from maint to assist on traffic control. at 3:45pm was able to reset manhole cover back in place. informed Paul Kemp of overflow.	Manhole off set due to rain surge in sewer main.

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							Storm Drain	River	Wetland	Shoreline											
Central		14-Oct-11	14-Oct-11	Chalan Canton Tasi	Hagatna	Manhole					Inclement Weather	c	Manhole # 941 and 6897 offset due to rain surge. Notified Paul Kemp	N/A	N/A	400	0	400		New Chaot pump station we had to regulate pump on manual until wet pit level was back to normal. Observed pump cycles on auto. Reset manholes once we had flow under control, JBlas informed Paul Kemp about overflow.	Problem occurs during heavy rainfall. Moratorium project underway to help resolve this by smoothing out pumping at Agana Main.
Central		15-Oct-11	15-Oct-11	Alupang	Tamuning C	Manhole					Defective Selector Switch	ps	CD-24 was off line and the wet well was high with signs of overflow.	N/A	N/A	40	0	40		Pump station would not operate in Auto. Maintenance troubleshoot controls and determined that SELECTOR switches needed cleaning on the contacts. placed pumps back on auto.	Observed auto operation on the pump 3 cycles, station back to normal
Northern		19-Oct-11	19-Oct-11	Taitano Rd.	Dededo	Manhole					Obstruction of grease and tissue.	m	Received base control call concerning sewer overflow at Taitano Rd.	6	750	30	0	30		Open manhole M/H#10373 and inserted hi-pressure hose into 6inch and jetted downstream @ 580ft. Down stream line was still surcharging. Continued jetting at manhole M/H#10370 @ 170 ft. to clear obstruction of grease. Used simple green to disinfect area. Informed base control of job completion.	
Central		21-Oct-11	21-Oct-11	Chalan Canton Tasi-Rt 4	Hagatna	Manhole					Heavy Rain	c	Overflow at Manhole #941.	N/A	N/A	50	0	50		Reset manhole cover on # 941, monitored manhole to prevent any cars from running into hole, had Stuart stay up at Chaot and regulated pumps on manual until pumps was able to keep up with incoming flow at around 10:00am.	
Northern		23-Oct-11	23-Oct-11	#302 Inarajan	Inarajan	Gov't. Clean Out					Heavy Grease and Grit Build Up	m	Overflow at Gov't clean out (Inarajan Village).	4	200	50	30	20		Used third party vendor to clean out 4" lateral. Jetted approximately 50 ft. Continued jetting 150 ft at manhole 4959. Upon completion of releasing clog, Vacuum up debris and disinfected consumer's property due to a moderate sewer overflow in consumer's Yard.	NOTE: Consumer reported back to base control that Various goods and Clothing was damaged by the sewage that had overflowed inside the consumer's restroom, also consumer had to evacuate his children and grandchildren due to the unsanitary environment, and is requesting reimbursement. B. Mendiola and F. Sablan Made A visual Inspection at the residence to confirm the damages, and informed supervisor of the situation.
Northern		25-Oct-11	25-Oct-11	Ch. Fago	Dededo	Gravity Sewer					Grease Buildup	g	Overflow at Manhole #2893	8	20	50	30	20		Inserted Hi-pressure hose into incoming line of wet well toward the upstream manhole#2893, jetted approximately 20 to release heavy grease build up causing blockage. Recovered @ 30 gallons of sewage, cleaned up area and secured.	
Northern		28-Oct-11	28-Oct-11	Rojas Dr.	Agana Basin	Manhole					Heavy rain	c (ps)	Heavy rainfall resulted in residential backup, high level at PS and manhole overflow.	8	N/A	400	0	400		Utilized vendor to maintain wetwell level during rain event. Necessary to leave site in order to respond to other overflow events in Northern District. Verified normal station operation and wetwell level after rain event. Notified Paul Kemp of overflow. Disinfected area with Simple Green.	Heavy rainfall overcomes capacity of pump station.
Northern		28-Oct-11	28-Oct-11	#126 Agatelang St.	Dededo	Manhole					Heavy Grease Sedimentation	m	Residential backup and clean out spill.	8	200	80	10	70		Open manhole M/H#4699 and inserted hi-pressure hose about 200ft. to release heavy grease sedimentation which was causing sewer line to plug-up. Inserted hi-pressure hose once more to restore sewer line to max capacity. Pumped up about 10gals. Of tissue and over spilled around the clean out. and disinfected area. Informed consumer and base control upon completion of project.	Upon arrival consumers had already cleaned overspill inside his restroom. Consumer (Loyd Paule) did not have any damage items.
Northern		28-Oct-11	28-Oct-11	#160D Agatelang St.	Dededo	Manhole					Heavy Grease Sedimentation	m	Residential backup and clean out spill (same root cause as spill above)	8	200	80	10	70		Open manhole M/H#4699 and inserted hi-pressure hose about 200ft. to release heavy grease sedimentation which was causing sewer line to plug-up. Inserted hi-pressure hose once more to restore sewer line to max capacity. Pumped up about 10gals. Of tissue and over spilled around the clean outs. Informed consumer and base control upon completion of project.	Upon arrival consumers had already cleaned overspill inside the home and took photos of miscellaneous damage items and will peruse a claim with the AG's office. Insisted to consumer (Noel Tan) that we remove damaged debris out and dispose of it, however the consumer refused and stated to leave it he will take care of it.

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							Storm Drain	River	Wetland	Shoreline											
Southern		31-Oct-11	31-Oct-11	Tipalao PS	Agat	Pump Room					Power Fluctuation	ps	Routine inspection identified high wet pit level.	N/A	N/A	1500	1500	0		During routine PS inspection identified @ 1,500 gallons of water in pump room. Further investigation noted one of the cut off fuses disconnected. Contacted supervision and GPA. Activated emergency generator and depleted wet pit and used sump pump to deplete water in pump room. Used pumper truck to assist in removal of pump room water and cleaned up station floor. GPA restored cut out fuse and maintenance electrician meggered pump before restart. Pump #2 had a low reading and was tagged out of service. Station was returned to service and monitored for normal operation.	GPA identified brown tree snake as cause of cut off fuse failure.
Southern		31-Oct-11	31-Oct-11	Chalan Pale San Vitorres lagoon	Sta. Rita	Gravity Sewer					Heavy Grease and Grit Build up in line	m	Residential backup due to constriction at manhole #55989.	8	200	110	90	20		Opened M/H # 5598 and jetted main line @ 200ft. Upon completion of jetting assisted customer in clean up residential spill. Team used the Vactor truck to suck up water and debris, and also Mopped and disinfected affected areas. Used Simple Green and chlorox to clean residence.	No damage of goods in residence was reported.
Central		10-Nov-11	10-Nov-11	Purple Heart Memorial Highway- Rt 8	Barrigada	Gov't. Lateral					Sewer Blockage	m	Identified cleanout overflowing at back of building.	6	400	45	0	0		Jetted from M.H. 2200 upstream approximately 250ft to #2199. Extracted approximately 5 gals of grit. Jetted upstream approximately 150ft to M.H. 2241. Flow restored to normal.	
Southern		14-Nov-11	14-Nov-11	Layon Rt 4	Inarajan	Gravity Sewer			X		VFD POWER CONTROL FAILURE	ps	Rovers responded to a sewer back up in the Chalan Katon Tasi route-4 Malojo area.	8	0	80	0	0		Rovers identified failure of Layon PS #4. Troubleshooting restored #1 pump, contacted Core-Tech/Winzler & Kelly (irwin & Paul Baron for troubleshooting assistance (station still under warranty). Upon resetting of VFD, #2 pump restored to service. Observed operation function back to normal operation. Secured all crew on site.	
Central		15-Nov-11	15-Nov-11	Mongmong Toto PS	Mongmong						Tangled Float controls	ps	Identified overflow at M.H. 6500. Attempted to restart pumps without success. Contacted supervision for support.	N/A	N/A	60	6	4		Upon arrival electrician Roger Mercado did troubleshooting controls and found all in good working order. Established traffic barriers and used Vactor truck to pump down wetwell and check floats. Found debris had tangled floats switches causing pump to air lock. cleaned off debris and floatables from wetwell and restored service. Watch pump station for several cycles to establish normal operation and secured.	
Central		15-Nov-11	15-Nov-11	Tan Chong Sablan Street	Tamuning C						Gallon Plastic Jug in line	d	Govt clean out spilling, upstream and downstream manhole both flowing normal. Requested support.	6	25	10	6	4		Inserted jetter into 6 inch government stub out and encountered obstruction at 5 feet from entrance, while jetting plastic gallon flew out of stub out, jetted line @ 25ft. Cleaned up area and secured.	
Central		20-Nov-11	20-Nov-11	Hs. # 174 Mendiola Street	Sinajana	Gravity Sewer					FOG, grit	m	Identified Govt cleanout #6301 overflowing. Inspected manhole 4330, found sluggish. Contacted supervision.	6	325	50	40	10		Inserted jet hose into manhole #4330 and jetted upstream to manhole #4329. Hit blockage at 176 ft. jetted line another 149 ft.. Noted large amount of rocks and grit. Restored normal flow and cleaned up and disinfected area. Attempted to notify consumer, but no one was home, notified base control to inform consumer via telephone.	Recommend area be CCTV for potential line issue.
Northern		26-Nov-11	26-Nov-11	Buena Vista	Dededo	Gravity Sewer					grease buildup	m	Man hole #4054 overflowing.	8	500	80	0	0		Jetted from man hole #4054a downstream and inserted hi-pressure toward man hole #4054. to release heavy grease blockagesedimentation which was causing sewer line to plug up. Disinfected area where spill had occurred and also informed base control of job completion.	*note: responded to northern rovers sewer backup in dededo.
Central		30-Nov-11	30-Nov-11	Tiyan PS	Barrigada	Pump - PS					Power Outage	ps	Inspected Tiyan pump station operation, found that station had no power, requested for an electrician to diagnose problem and requested for vactor to maintain flow.	8	300	5	0	5		Electrician trouble shot control panel and breakers. Identified two fuses had blown on the incoming circuit breaker to the station. Replaced fuses and returned station to normal operation. Used vactor to maintain flow and also pumped grease from wetwell and flushed wetwell, Inserted jetter in manhole 8139 and jetted line @300 ft to Pump Station. Informed base control and attempted to contact customer (not home)	
Northern		04-Dec-11	04-Dec-11	chn santa anita	Dededo	Manhole					grease buildup	m	Inspected manhole ID #6713 and found overflowing	8	250	50	0	50		Open manhole #6720 and inserted hi-pressure hose into sewer line upstream about 40ft to release heavy grease sedimentation which was causing sewer line to plug-up. Continued jetting of line for 250 ft. Standby and monitor depletion. Flushed and disinfected with simple green.	
Central		04-Dec-11	04-Dec-11	Hs.#243 E. San Carlos	Asan	Manhole					FOG/GRIT	m	Inspected manhole ID #1408 and found overflowing	6	53	25	20	5		MTL jetted line from ID 1404 upstream to break grease blockage	Recommend placing on Hot Spot List due to volume and frequency of FOG accumulaiton.

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							Storm Drain	River	Wet and	Shoreline												
Central		19-Dec-11	19-Dec-11	Dairy Road PS	Chalan Pago	Wet Pit					Obstruction in discharge line	m (ps)								Electrician tested both pumps and had low amp reading indicating restriction in lines, traffic control was set up, MTL and Ben Lujan took care of incoming flow, discharging at Leyang PS. Maint and rovers opened up chk valve # 2 to jet 8 inch line, jetted @ 200' in order to clear obstruction.	Collection system management is evaluating feasibility of installing a pressure clean out in order to facilitate regular cleaning.	
Northern		21-Dec-11	21-Dec-11	Carnation Rd.	Mangilao N	Force Main					Damaged force main	fm								Assisted MTL crew to isolate force main line by shutting down Double Trouble and Latte Plantation pump station enable M.T.L crew to make repair's to the 8" force main line. Utilized Ben Lujan and the vactor truck and extracted sewage from trench. Completed repairs and restored PS service. Repair required replacement of 4' of line.	All charges related to this work were recorded and turned into GWA Accounting for reimbursement by the contractor. Contractor accepted responsibility and agrees to pay repair charges.	
Northern		22-Dec-11	22-Dec-11	Chln. A Abang	Dededo	Gov't. Clean Out					obstruction of grease	g								Jetted 4inch. Clean out about 10ft. Three times to clear obstruction.	Vendor used due to size of line (4")	
Northern	3691Dede	1/2/12 9:30 AM	1/4/12 12:00 PM	Astumbo #1 PS	Dededo	Pump - PS					pump failure	ps								Manhole overflow at ID# 3191. Pump station operational but not pumping at full capacity.	Electrician arrived LOTO controls also utilized Ben Lujan to pump wet well to deplete to enable crew to pick up pump for inspection. During inspection found no obstruction on Impeller. Pump unit was determined burnt. Pumped up overspill from manhole and restored pump operability.	Astumbo #1&2 have been submitted for Capital Upgrade of pumps, controls and electrical systems. CIP active.
Northern	3332A	1/2/12 1:52 PM	1/3/12 9:30 AM	Route 16	Dededo	Gov't. Clean Out					FOG and debris	m								Surcharge between manhole ID # 3338 & 693	Open C/O and inserted hi-pressure hose into sewer line to release heavy grease sedimentation. Pumped up about 10gals of debris and cleaned area with simple green to deodorizer	In the event of future problems with this sewer line, the line will be placed on in the Hot Spot Cleaning program per standing SOP. Problem is not expected to repeat.
Central	2192Mang	1/3/12 3:35 PM	1/3/12 5:45 PM	#351B Corten Torres	Mangilao C	Gov't. Clean Out					Debris Buildup	d								Gov't cleanout overflowing	Jetted @ 25 ft of sewer line and removed 30 gallons of debris. Restored service and clean up area, notified supervisor.	In the event of future problems with this sewer line, the line will be placed on in the Hot Spot Cleaning program per standing SOP. Problem is not expected to repeat.
Central	Dairy Road PS	1/6/12 7:00 AM	1/6/12 8:30 AM	Dairy Road PS	Chalan Pago	Wet Pit					FOG,Rags Gravel	m (ps)								Pump #1 not keeping up with flow and station wet well was overflowing.	Maintenance was called and inspected pump and electrical system. Backwashed pump and restored pump operation. Electrician performed megger reading of pump. Paul Kemp informed of overflow at station wet well.	Second pump is at JMI for rebuild and will be installed as a operational priority.
Central	8299Barr	1/12/12 10:30 AM	1/12/12 4:00 PM	Sunset Blvd	Barrigada	Manhole					FOG, rocks	m								Manhole ID # 8299 overflow.	Jetted from Manhole ID # 8299 to Manhole ID# 8316. Found obstruction at 15 ft, flow resumed and observed sewer line operation.	Potential line collapse, email to Collection System Superintendent to request CCTV inspection
Central	250Yona	1/14/12 10:00 PM	1/14/12 11:30 PM	Sis Mary Eucharita	Yona	Manhole					Rocks & Gravel	d								Manhole ID #250 spilling slowly.	Jetted from Manhole ID #249 towards Manhole ID#256. Cleaned approximately 300 ft. Noticed rocks & gravel settling in MH#249. Pumped out about 10 gallons of solids. Monitored flow and reported.	This line needs to have a CCTV inspection for potential line damage. Operations Manager has forwarded request to CCTV team for inspection as resources become
Central	308Yona	1/17/12 4:20 PM	1/17/12 11:00 PM	S. Antonio Toves Ct.	Yona	Manhole					FOG and Rag Buildup	m								Manhole ID # 256, 259,260, 264, 265, 304, 305 and 306 surcharging.	Jetted from Manhole ID # 308 towards Manhole ID# 256. Jetted line numerous times until MH#'s 264, 265, 259, 260, & 304 were depleted. Observed normal operation and reported to supervisor & base control.	Recommend that sewer line on Chn. Canton Tasi have Preventive Maintenance performed As Soon As Possible, due to accumulated FOG buildup.
Northern	5247Agat	1/24/12 3:00 PM	1/24/12 6:00 PM	NORTH PERINO	AGAT	Gravity Sewer					MAIN BREAK	fm								Force main from PS #17 found to have pin hole leakage.	Identified force main break and contacted MTL for support. Used pumper trucks to control flow, dug up line and replace bad section with PVC. Restored pump station service, observed proper operation and reported to base control. DWP permit obtained next working day. Waiting for contractor to inspect roadway and provide bid to fix blacktop. Area disinfected with Simple Green	This line is noted for a number of previous repairs. It has been added to a CIP list for future replacement as funds become available.
Northern	6178Yigo	1/25/12 3:45 PM	1/25/12 4:30 PM	CHN. Nanalao	Yigo	Manhole					Damaged Bubbler Tube	ps								Pump Station failure due to bubbler tube corrosion.	Pump Station failure due to bubbler level control resulted in air lock of pump. Electrician restored bubbler control and station was returned to service. Paul Kemp informed of overflow.	Initial overflow observed by responding collection system crew was latter amended based on observation for engineers who had previously been to the PS and recorded spill rates which were not present upon later inspection. The entire bubbler line was replaced in order to ensure proper pump operation.

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Southern	4997Uma	1/31/12 7:00 AM	1/31/12 7:00 PM	Chalan Kanton Tasi	Umatac	Force Main					Force Main Break	fm			30	0	30	DI	Identified potential forcemain break. Secured PS 12 and used pumper trucks to maintain wet well level. Collection system personnel repaired line with clamp. Restored PS #12 and clean area.	Completed repair of the line same day.	
Central	638Tam	1/31/12 10:00 AM	1/31/12 3:00 PM	#20 Belmont Avenue	Tamuning C	Gov't. Lateral					FOG and rocks	m		610	10	5	5	ACP	Jetted from Manhole ID # 639 toward Manhole ID #638 300ft. Jetted toward Manhole ID # 640 310 ft. Removed debris and observed normal operation. Disinfected with simple green and reported to base control.	Unique incident, problem not expected to reoccur at this location.	
Northern	8697Mang	1/31/12 9:40 PM	1/31/12 9:50 PM	ML Flores St	Mangilao N	Gravity Sewer	X				Pumps #1 and #2 Tripped	ps			80	0	80	N/A	Pump #1 and #2 breakers tripped. Reset both breakers and pump #1 activated on auto mode. Monitored wet well level until depleted. Stand by and monitored flow level in wet pit until flow depletes down. Monitored pump operation. Pump #2 identified	Installed spare pump in station. Fully operational. Overflow to storm drain leading to catch basin behind station. GIS map attached for reference.	
Northern	6178Yigo	2/1/12 1:27 PM	2/1/12 1:40 PM	Chln. Nanalao	Yigo	Manhole					Defective compressor on bubbler level detector	ps			585	0	585	N/A	Place pump #3 on hand to deplete wet pit. Electrician found defective bubbler level controller compressor caused overflow. Replaced compressor and placed station back in auto operation. Disinfected area with simple green also informed base of job completion.	Notified Asst. GM Safety and Compliance of spill. Estimate of overflow based on manhole overflow rate and visible wastewater in area.	
Northern	8697Mang	2/2/12 9:20 AM	2/2/12 9:30 AM	ML Flores St.	Mangilao	Gravity Sewer	X				pump #1 airlock	ps			20	0	20	N/A	Backwash and bleed pump to release air block. Place pump in auto and observed normal operation. Pump station operating normally, reported to base control and supervisor.	Inspected float controls and found that one of the float controls had dropped to the bottom of the wet pit. Secured float controls in proper position and resumed normal station operation. Overflow to storm drain leading to catch basin behind station. GIS map attached for reference.	
Central	14Asan	2/8/12 8:00 AM	2/8/12 9:00 AM	# 366 Marine Corp drive	Asan	Gov't. Clean Out					Surge line on Rt1	d		50	10	5	5	ACP	Jetted government cleanout 50 feet, line depleted. Cleaned up spill and disinfected with simple green. Spoke to consumer and base control that all is back to normal. government cleanout located between manhole14A and 15A.	Previously installed backflow preventer in service line to Rt. 1. The sewer main in this section along Marine Corp Drive is severely degraded. CIP for capital improvement submitted.	
Northern	6705Dede	2/10/12 5:25 PM	2/10/12 9:30 PM	#135 Chln. SanJuan	Dededo	Manhole					Obstruction of grease and tissue	m		130	20	0	20	PVC	Jetted from Manhole ID #6705 approximately 130 ft to release FOG blockage. Normal operation resumed, cleaned up and disinfected. Contacted customer and base control.	In the event of future problems with this sewer line, the line will be placed on in the Hot Spot Cleaning program per standing SOP. Problem is not expected to repeat.	
Northern	1346E	2/13/12 1:08 AM	2/13/11 11:30 AM	Frank H Cushing	Tamuning N	Manhole					Grease Buildup	g		500	30	20	10	ACP	Jetted Manhole #1339 upstream approximately 200 ft and encountered obstruction at 200 ft. Monitored flow until manhole depleted then jetted upstream from Manhole 1340 toward 1339 300 ft. Restored normal operation, informed customer and base control.	Requested MTL to place this on the the hot spot cleaning list.	
Northern	2559Mer	2/13/12 7:00 AM	2/13/12 9:00 PM	Chalan Kanton Tasi	Merizo	Force Main					Emergency repair Force Main Break	fm			500	200	300	DI	Secured pump station #17 to prevent further discharge of wastewater. Utilized third party vendor to control wet well level. Established safety zone and progress with digging up break area. Located damaged area of pipe and repaired with compression clamp. Restored pump station operation, restored base fill in roadway and contacted third party vendor to provide black top. Notified management and base control when repair was completed. Contacted DPW for encroachment permit following day.	Root cause was cathodic corrosion of DI force main. This main has a number of repair clamps. CIP application for replacement issued.	
Central	564Tam	2/14/12 11:30 AM	2/14/12 3:30 PM	Tun Jesus Crisostomo	Tamuning C	Manhole					FOG	g		300	20	10	10	ACP	Jetted from manhole ID # 565 toward #564. Encountered blockage at 20 ft. Continued on with jetting for 300 ft total and restored normal operation. Cleaned up spill, disinfected and contacted customer and base control.	Utilized third party vendor.	
Central	2330Mang	2/27/12 12:00 PM	2/27/12 4:00 PM	Mangilao PS	Mangilao C	Wet Pit					Rags, Gravel	m (ps)			50	30	20	PVC	Backwashed pump #2 and cleared debris. Retored station to normal operation. Recovered debris and sewage from around restroom. Cleaned and sanitized restroom and surrounding area. Contacted Mayors office and base control.	Division is currently working on securing a permit to push a road in along the service line in order to facilitate routine line cleaning. Wet land area requiring Fish & Wildlife approval. Presently on enhance inspection schedule. NOTE: Station Wet Well floatables and debris removed by pumper truck.	

US EPA ARCHIVE DOCUMENT

District	Manhole ID #	Start Date/Time	End Date/Time	Location	Village	Sub Facility	Overflow To				Root Cause	Root Cause - Coded by EPA	Description of Incident	Pipe Size	Pipe Length Cleaned (ft)	Total Vol Spilled	Vol Recovered	Net Spill	Pipe Material	Action Taken	Additional Comments
							Storm Drain	River	Wet and	Shoreline											
Northern	6178Yigo	3/4/12 4:45 PM	3/4/12 6:20 PM	Chn. NANALAO	Yigo	Manhole					Defective Compressor	ps	Inspection found Manhole ID #6178 overflowing and wet well was high level	0	0	1000	0	1000	N/A	Activated pump 3 to deplete wet pit and to discontinue overflow. Activated pump station in Auto and verified operational cycles. Informed supervisor and base control of job completion.	Paul Kemp was informed of the spill. Overflow was to heavily jungled area and not recoverable. Replaced bubbler system to resolve repeated problem.
Central	47Tam	3/13/12 10:00 AM	3/13/12 12:00 PM	Trenton	Tamuning C	Manhole					Rocks in line	d	Inspection found Manhole ID # 47 overflowing and Manhole ID # 48 dry.	8	150	40	0	40	ACP	Jetted from Manhole ID # 48 jet towards# 47. At approximately 150 feet encountered obstruction (mostly rocks). Jetted 3 times but not able to penetrate obstruction, level depleted slowly. Pumped 300 gallons from Manhole (5 gallons rocks 295 liquid), disposed at Agat TP. Informed customer and supervision.	Second SSO in this section of pipe, notified CCTV to perform inspection on ASAP basis. Subsequent inspection determined severe pipe degradation (asbestos concrete). Crew replace 20 length of pipe on 3-31-2012
Central	1930Barr	3/13/12 10:00 PM	3/13/12 11:00 PM	Barrigada PS	Barrigada	Wet Pit					string tangle float control	d	Inspection found Manhole ID # 1930 overflowing.	0	0	25	0	25	N/A	Activated pumps on manual and depleted wet well. Inspection found debris obstructing operation of floats. Removed debris and placed station in Auto operation, observed three cycles of normal operation notified base control. No wastewater debris requiring clean up was identified from overflow.	Routine inspection is completed at PS. Debris fouling of float switches is normally monitored during inspection.
Central	567Tam	3/14/12 9:30 AM	3/14/12 12:30 PM	Tun Teodoro Dungca	Tamuning C	Manhole					FOG	g	Inspection found Manhole ID # 567 overflowing. Manhole ID #568 was dry.	8	220	15	10	5	UNK	Jetted from Manhole ID # 568 upstream to Manhole ID #567. Hit obstruction at 135 feet and continued jetting for 220 ft, Removed 5 gallons of grease from line and 10 gallons from ground surrounding spill. Disinfected area and reported to base control.	Unique incident, problem not expected to reoccur at this location.
Central	10303Haga	3/15/12 8:30 AM	3/15/12 12:00 PM	Trenton st.	Tamuning C	Manhole					rocks and possible collapse line	gp	Inspection found Manhole ID #48 overflowing, Manhole ID #47 dry.	8	220	20	0	20	ACP	Jetted from Manhole ID #48 upstream to Manhole ID #47 and encountered blockage at 150 feet. Continued jetting for 220 feet. Removed 10 gallons of rocks. Sewage flowing slowly but depleting.	Recurring problem, crew replaced 20' of damaged sewer line on 3-31-2012.
Central	556Tam	3/15/12 9:00 AM	3/15/12 11:00 AM	Marine Corp drive	Hagatna	Manhole					FOG	g	Inspection found Manhole ID #10303 overflowing.	8	80	30	0	30	ACP	Inserted jetter into Manhole ID # 10303. Hit obstruction at 20 feet, flow started to deplete, jetted total 80 feet toward Jbox. Grease identified as reason for overflow, removed debris and disinfected. Normal flow restored, reported to base control.	In the event of future problems with this sewer line, the line will be placed on in the Hot Spot Cleaning program per standing SOP. Problem is not expected to repeat.
Central	47Tam	3/15/12 12:00 PM	3/15/12 2:00 PM	Alupang st.	Tamuning C	Manhole					FOG AND ROCKS IN LINE	m	Inspection found Manhole #556 overflowing and Manhole ID 10267 dry.	8	180	30	0	30	ACP	Vendor inserted hose into Manhole ID# 10267and jetted upstream towards Manhole ID #556. Encountered blockage at 100 feet, continued to jet for 200 feet. Removed 4 gallons of grease and rocks from line, normal flow restored. Notified customer and base control.	Sewers in this area have evidence of significant deterioration. CIP application submitted for main along Marine Corp Drive however this entire basin will require a SSES in order to determine extent of damage to infrastructure.
Central	556Tam	3/23/12 10:00 AM	3/23/12 11:30 AM	Alupang st.	Tamuning C	Manhole					FOG	g	Inspection found Manhole #556 overflowing and Manhole ID 10267 dry.	8	180	5	0	5	ACP	Vendor inserted hose into mh oid# 10267and jetted 200 ft upstream towards mh oid#556, hit blockage at 70 feet, notice fog in line. observe flow back to normal. Upon completion informed base and consumer.	This area has previously been identified as an area of concern. However use of the jetter for other than emergency cleaning is not advised due to damage caused to the sewer line. A comprehensive SSES will be required in order to assess the condition of this basins sewer infrastructure and CIP funding will be necessary to effect repairs.
Central	2330Mang	3/27/12 9:00 AM	3/27/12 10:00 AM	Mangilao PS	Mangilao C	Wet Pit					rags and graese stuck to float	m (ps)	Inspection found baseball field restroom overflowing. Checked Mangilao Pump station found pumps did not activate on auto.	0	0	60	0	60	N/A	Manually drained wetwell, cleaned off the floats and placed the station in AUTO operation. Verified operation of PS, cleaned and disinfected restroom facility.	Emphasis on routine inspection being placed on this station. Operations Manager has requested a report from the Superintendent of Collection Systems concerning any physical problems with the station and has requested enhanced inspection of the station.
Central	47Tam	3/28/12 9:00 AM	3/28/12 10:00 AM	Trenton st.	Tamuning C	Manhole					rocks due to collapse line	gp	Manhole ID #47 overflowing, Manhole ID #48 dry.	8	200	20	0	20	ACP	Jetted from Manhole ID # 48 upstream towards Manhole ID #47. Encountered blockage at 100 feet, continued jetting for 200 total. Flowing but slowly, reported to base control.	This was a recurring problem due to deteriorated sewer line and partial collapse. A 20' section of pipe was installed by crews on 3-31-2012
Central	41A	3/28/12 3:00 PM	3/28/12 4:00 PM	Cuscaho	Tamuning C	Manhole					FOG	g	Inspection found Manhole ID # 41A overflowing.	8	515	30	0	30	ACP	Jetted from Manhole ID# 41A upstream to Manhole ID # 41. Encountered blockage at 50 feet, continued jetting to 209 feet. Jetted downstream from Manhole ID 42 for 306 feet. Removed debris, notified base control.	In the event of future problems with this sewer line, the line will be placed on in the Hot Spot Cleaning program per standing SOP. Problem is not expected to repeat.

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District	Manhole ID #	Start Date/Time	End Date/Time	Location	Village	Sub Facility	Overflow To				Root Cause	Root Cause - Coded by EPA	Description of Incident	Pipe Size	Pipe Length Cleaned (ft)	Total Vol Spilled	Vol Recovered	Net Spill	Pipe Material	Action Taken	Additional Comments
							Storm Drain	River	Wetland	Shoreline											
Southern		4/3/12 2:00 PM	4/3/12 4:30 PM	SOUTH PERINO	Agat	Gov't. Clean Out					GREASE	g	Sewer backup in lateral.	4	200	25	20	5	PVC	Identified stagnant water in 4" Gov't cleanout. Used hydro jetter to flush line. Encountered clog at 200 ft and removed blockage. Cleaned up overflow debris and disinfected area. Notified customer and base control.	
Northern		4/4/12 2:15 PM	4/4/12 7:30 PM	Pale San Vitores	Tamuning N	Manhole					Heavy Grease Buildup	g	Made inspection found Manhole #1339a overflowing.	8	400	80	0	80	PVC	From Manhole#1339 jetted down stream approximately 200 ft. encountered blockage of heavy grease at 80 ft. Monitored normal flow of sewage in line and cleaned up debris and informed base control.	Flushed upstream to Manhole #1339a approximately 200 ft to ensure that line was free from obstruction.
Central		4/6/12 8:00 PM	4/6/12 10:30 PM	Lefever Drive	Agana Heights	Manhole					FOG	g	Found Manhole ID #472 overflowing and Manhole ID #468 dry	8	450	20	0	20	Asbestos Cement	Inserted hydro jet nozzle at Manhole ID #472 and jetted downstream to Manhole ID #468 approximately 220 ft. Encountered blockage at approximately 110 ft. Jetted 40 ft. from Manhole ID #472 to 479. Jetted from Manhole ID 472 to 471 190 ft. Upon completion verified that line was clear and that consumer was no longer backing up. Informed J. Blas and base control of findings.	
Northern		4/6/12 11:00 PM	4/7/12 12:30 AM	Rt. 16	Dededo	Manhole					Grease Buildup	g	Inspection found #8046a overflowing.	8	150	75	0	75	PVC	Inserted hi-pressure hose into Manhole ID #8046a. Encountered blockage at approximately 80ft. Continued jetting for 150 ft. Monitored normal flow in line, cleaned up debris and disinfected spill area. Informed base control of the job completion.	
Central		4/13/12 8:40 AM	4/13/12 9:30 PM	Manibusan street	Mongmong	Manhole					FOG	g	Made inspection at location found manhole oid# 9134A overflowing and manhole 9134A dry.	8	315	5	0	5	PVC	Inserted jetter into Manhole ID# 9134A and jetted upstream towards Manhole ID# 9134B, released blockage at 100 feet. Continued jetting for a total of 315 feet. Flushed and sanitized area around Mh oid# 9134B. (Sanitized with simple green.) Contacted customer and base control upon completion.	Manholes not in GIS. Informed base
Northern		4/13/12 4:00 PM	4/13/12 8:00 PM	Pigua Subdivision	MERIZO	Manhole					GREASE	g	Sewage was found spilling out of 6" cleanout and private line found backing up. Manhole no.6859 and found to have no flow.	8	180	119	80	39	Asbestos Cement	Jetted from Manhole # 6859 approximately 180 ft.. Obstruction encountered at 90 ft.. Lines were jetted mutipule times, solids was vacuumed and removed, surrounding area was flushed and disinfected. Customer and base control informed of work.	Carmen Denton informed of the spillage. Spillage calculated accordingly to SOP requirements. Coordinatd with Superintendent from MTL Gravity line and confirmed this was in government line.
Northern		4/13/12 7:15 PM	4/13/12 11:30 PM	Amantes St	Dededo	Manhole					Grease Buildup	m	received a call from base control of a man hole overflow. Upon arrival, found man hole #2018a overflowing.	8	200	60	0	60	PVC	Open man hole #2018a downstream and inserted hi-pressure hose into sewer line at approximately 150 ft to release heavy grease sedimentation which was causing sewer line to plug up. Stand by and monitor depletion in man hole. after man hole had depleted, jetted line again at approximately 200 ft to ensure that line was free from obstruction. flushed overspill area with clean water and used half a gallon of simple green to deodorize area. informed base control and customer of completion.	John Blas informed me that he had a truck so I stand by until john was finished with the truck.
Northern		4/21/12 12:00 AM	4/22/12 6:00 PM	Fatima St.	Dededo	Gravity Sewer					New Installation of GPA Power Pole	gp	Inspectd and found GPA power pole installed through sewer lateral.	4	0	40	2	38	PVC	Responded to the area and found customers clean-out overflowing due to GPA damaged the main 4" sewer line located in the area where G.P.A. had installed a new power pole. MTL crew utilized chipping gun to chip through the concrete side walk. Excavated by hand to exposed sewer line to enable repairs to be completed. Utilized pump truck and pump out debris around clean-out and disinfected area. Informed base control and customer of job completion	Coordinated with the Land Lord to ensure his tenants minimize toilet usage due to his clean-out being open. Costs associated with repair submitted to GWA Accounting for reimbursement from GPA.
Central		4/22/12 8:00 AM	4/23/12 6:00 AM	Veterans Hwy.	Mangilao C	Gov't. Clean Out					Station Failure, Motor Short Circuit	ps	Inspection found high wet well and pump failure.	0	0	1000	300	700	N/A	Set-up safety cones and signs for traffic control and cordoned off the baseball field restroom sewage spill with caution tape and cones. Used plywood to provide temporary walkway to baseball field. Utilize pumper trucks to the station wet well level and discontinue sewer spill. Maint. Crew changed out and fabricated mechanical components that were required to install the pump unit (utilizing Commercial Port pump as a temporary measure). Once pump unit was in stalled and operational monitored pump cycling and cleaned up work area. Utilized pump trucks to pump out sewage spill around restroom and disinfected area. Informed base control of job completion and secured area. Power shortage occurred at time of response. Short circuit pump station may have been affected by power outage.	Spillage at restroom discontinued at 11:20am. Resored operation @ 5:30am 4-23-12. POA and GM was notified of spill. Carmen was notified that spill would exceed 100 gallons. Pump station placed on enhanced inspection schedule by Central Rovers in order to ensure continuing operation. Existing pump is at vendor for repair work.

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							Storm Drain	River	Wet and	Shoreline											
Central		4/23/12 10:30 AM	4/23/12 11:10 AM	Mongmong Toto PS	Mongmong	Generator					Gen set did not turn on.	ps	Found Manhole ID # 6500 overflowing. Identified GPA cut off fuse tripped and requested GPA support in restoring power. Generator ignition key found in off position.	0	0	35	0	35	0	Emergency generator didn't activate, found ignition key off position, reset key to ON position. then generator activated, station was running on backup power, monitored till levels were normal, GPA reset fuse. Reported to supervisor and base control.	Crews instructed to provide visual observation of emergency generators following any PM activities.
Central		4/24/12 3:00 PM	4/24/12 4:30 PM	Garrido St.	Agana Heights	Manhole					FOG	g	Found Manhole ID # 398 overflowing and manhole 399 dry.	8	230	20	0	20	Asbestos Cement	Jetted from Manhole ID # 398 towards Manhole ID #399. Released blockage at 50 ft. cleaned a total of 230 feet. Informed base control and mayor upon completion.	
Central		4/24/12 6:00 PM	4/24/12 7:00 PM	Chalan Canton Tasi Rt.4	Yona	Gov't. Clean Out					Debris build up	d	Informed by B. Control of an overflowing cleanout at above location.	4	30	10	0	10	PVC	Jetted 4" cleanout toward Manhole ID #3310A, hit and cleared obstruction at 15', cleaned 30 ft. total of line.	The lateral is not indicated on the GIS, it is between Oid#314 and oid# 245
northern		4/27/12 8:40 AM	4/27/12 10:00 AM	Taitano Rd	Dededo	Gravity Sewer					Grease Buildup	m	Found Manhole ID #10371 overflowing.	8	200	80	10	70	PVC	Jetted from Manhole ID #10371 downstream approximately 150 ft to release heavy grease sedimentation and continued on another 50 ft in order to ensure sewer was clean. Verified normal sewer operation, informed customer and base upon completion of job. Used jetter truck to remove @ 10 gallons of overspill.	
Central		4/27/12 9:00 PM	4/27/12 10:30 PM	Pas St.	Tamuning C	Manhole					FOG Buildup	g	Found Manhole ID # 562 overflowing.	8	250	60	0	60	Asbestos Cement	Jetted from Manhole ID # 562 towards Manhole ID# 563. Found obstruction at 50 ft. and cleaned a total of 250 ft. Monitored flow until normal. Cleaned and sanitized area.	
Central		4/28/12 5:00 PM	4/28/12 7:00 PM	Tun Jesus Crisostimo (Sunny Plaza)	Tamuning C	Manhole					FOG Buildup	g	Found cleanout next to Manhole ID # 564 overflowing.	8	280	50	-	50	Asbestos Cement	Jetted from Manhole ID # 565 toward Manhole ID # 564. Found obstruction at 100 ft. and cleaned a total of 280 ft. Monitored flow until normal. Cleaned and sanitized area. Notified DRC and base control.	
Central		5/9/12 9:00 AM	5/9/12 10:00 AM	Jalaguac	Tamuning C	Gov't. Lateral					FOG and Tissue buildup	m	Upon arrival at location found holding tank in front of apartment overflowing.	6	171	80	40	40	PVC	MTL inserted hose into MH#1073 and extract debris from in front of the exiting sewerline, then jetted toward Manhole ID#1073A (this manhole is not on the GIS) to remove blockage. Jetted from consumers lateral Oid #1381A (not on the GIS) towards Manhole ID#1073 encountered blockage at 75 ft. Pumped 5 gallons of solids and 50 gallons of non-solids from manhole, recovered 40 gallons from spill. Sanitized area and reported to customer and base control.	
northern		5/11/12 7:15 PM	5/11/12 8:00 PM	Chin. Nanalao	Yigo	Manhole					Slightly Closed Compressor Air Supply Valve	ps	Upon arrival found M/H#6178 over flowing and the wet pit was high level.	0	0	400	0	400	PVC	Activated pump 1 on hand to deplete wet pit and to discontinue overflow. Open compressor valve on air supply line for the bubbler system. Placed pump units on auto and stand by at station to monitor pump cycles, informed B. Torres and Base control of job completion. Contacted Asst. GM for Safety& Compliance at 7:40pm (Carmen Denton acting).	Overflow time start: 7:15 PM Stop: 7:35 PM Estimated 20 gpm. Crew was not able to extract sewage due to the sewage had flowed to the jungle soft ground area.
northern		5/17/12 8:45 AM	5/17/12 12:30 PM	hs.# 14 Ghura 48	Dededo	Gravity Sewer					FOG	m	Found Manhole ID #7201 overflowing. Downstream Manhole ID# 7202 and 7207 were both dry.	8	200	60	0	60	PVC	Open M/H# 7202 and Inserted hi-pressure hose into sewer line upstream toward M/H# 7201 about 60ft.to release heavy grease sedimentation which was causing sewer line to plug-up. Monitored depletion then jetted whole length of pipe 200' to restore sewer line to max capacity. Disinfected sewage spill with simple green. Informed base control of job completion.	Overflow was discontinued @ 11:30am
Central		5/24/12 8:00 AM	5/24/12 9:00 AM	Tan Chong Sablan	Tamuning C	Manhole					FOG build up	g	Found Manhole ID #620A overflowing	8	150	110	0	110	Asbestos Cement	Jetted from Manhole ID #620 toward Manhole ID #618. An obstruction was encountered at 50' from Manhole ID #618. Jetted from Manhole ID #618 towards Manhole ID #619 to ensure debris was cleared. Informed base control and customer upon completion of work. Notified Paul Kemp spill was over 100 gallons. Cleaned and sanitized spill area.	
Central		5/26/12 2:40 PM	5/26/12 3:05 PM	Chalan Canton Tasi	Hagatna	Manhole					Inflow & Infiltration	c	Found Manhole ID # 941 overflowing.	0	0	50	0	50	PVC	Manually regulate pump cycles at CD-7 New Chaot P/S due to heavy rain in the area. Continued until flow was normal.	
northern		5/27/12 5:00 PM	5/27/12 7:00 PM	Portia Palting Lane	Tamuning N	Gravity Sewer					FOG Buildup	g	Found Gov. cleanout between Manhole ID # 6516 & #663 overflowing	4	85	75	20	55	PVC	Inserted jetter in cleanout and jetted for approximately 60 to obstruction. Monitored normal flow and continued jetting another 25 feet. Removed approximately 20 gallons of debris, disinfected spill area with simple green, notified customer and base control upon completion.	utilized Ben Luja due to vactor's hose is too big to insert into the cleanout.

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							Storm Drain	River	Wet and	Shoreline											
Central		6/6/12 8:30 AM	6/6/12 12:30 PM		Tamuning C	Wet Pit					float control ball disconnected from cable	ps			400	100	300	PVC	Activated pump # 2 on manual to stop overflow , contacted electrician to reset ball and adjust mercury control, observed pump cycle to ensure proper alternation. Station back to normal. Flushed, cleaned debris and sanitized area of spill.	Contacted Paul Kemp (over 100 gallons)	
Central		6/10/12 7:00 PM	6/10/12 7:30 PM	Bill Salas	Sinajana	Manhole					FOG	g (ps)		0	500	0	500	PVC	During inspection of station, noted large surge of wastewater. Appears blockage self released and overflow at Manhole ID #828 stopped once blockage cleared. Manually operated pumps to control level to prevent downstream problems on RT4 near McDonalds. Verified normal operation and contacted customer and base control.	Paul Kemp off Island, contacted Carmen Denton (over 100 gallons)	
Southern		6/10/12 9:00 PM	6/10/12 10:30 PM	Santa Rita Mayors	Sta. Rita	Manhole					LARGE AMOUNT OF GREASE UP	g	8	285	50	30	20	Asbestos Cement	Inserted jetter at Manhole ID #5325, jetted to manhole ID #5319. Obstruction encountered at 65 ft, continued to clean for 285 ft. Blockage due to FOG. Contacted customer and base control upon return to normal operation. Cleaned up area and disinfected.		
Northern		6/13/12 6:50 PM	6/13/12 9:30 PM	GWA dispatch	Agana Basin	Manhole					Heavy rain	c	8	0	400	10	390	PVC	Utilized Ben Lujan pump truck to extract sewage out from manhole due to high wet pit level and manhole was overflowing caused by heavy rain. Once wet well level subsided to normal level, utilized truck to pump excess overspill and disinfected area with simple green. Informed base control of completion. and extracted sewage out from manhole to discontinue	Paul Kemp and Carmen Denton were informed of overflow (over 100 gallons).	
Central		6/14/12 11:00 AM	6/14/12 3:00 PM	Bela/Winners Apar	Tamuning C	Manhole					FOG build up	g	8	360	200	150	50	Asbestos Cement	Inserted jetter from Manhole ID#618 toward Manhole ID#620A. Encountered blockage at 60' continued to 100 ft. Jetted from Manhole ID #618 towards manhole ID #619 for 260 feet. Monitor until normal. Recovered 150 gallons around manhole and discharge at CD-24. Informed customer and base control.	Paul kemp was notified as a precaution due to recovered spill.	
Northern		6/18/12 10:00 AM	6/18/12 4:00 AM	Tom Arceo	Agana Basin	Force Main					26" Crack parallel with sewer pipe	fm	6	2	270	100	170	PVC	Secured Paeso Deo Oro pump station to discontinue overflow and utilized pump trucks to extract sewage out from wet wel. Excavated break in line and secured with full circle clamp. Restored Pump Station operation and cleaned and disinfected area. Informed base control of completion of work.	NOTE: leak estimated at @30gpm. 30gpm was being discharged every hour for 3min. 10am - 1pm. Approximately 100 gallons were recovered.	
Northern		6/21/12 8:30 AM	6/21/12 12:15 PM	GWA Dispatch	Yigo	Manhole					FOG	g	8	420	120	50	70	PVC	Jetted from Manhole ID #7134 toward Manhole ID #7133 approximately 420 feet. Grease caused the blockage. Upon reestablishment of normal flow, disinfected area and informed base control.	Paul Kemp was notified of the spill.	
Central		6/21/12 8:00 PM	6/21/12 11:30 PM	Rudy Quichocho # 688-7104	Barrigada	Private Clean Out					PVC pipe blocking line	d	8	450	250	0	250	PVC	Jetted manhole # 1241 towards 1240 at 120 feet, we encountered obstruction at 4 feet from entrance. flow started to deplete, noticed pvc pipe was blocking flow on elbow towards manhole # 1981, we removed pipe. Jetted toward Manhole ID #1981 for 158 feet. Jetted from Manhole ID to Manhole ID #1920 for 172 feet.	Backup of sewer resulted in flooding of residence. Crew cleaned house and disinfected floor. Damage record of overflow was kept by staff. Informed Paul Kemp of overflow.	
Central		6/28/12 8:20 AM	6/28/12 11:00 AM	Lunod, Curtis	Piti	Private Lateral					Pumps 1 & 2 not operating on auto or manual	ps	4	0	50	0	50	Asbestos Cement	Found wet pit high level and pumps 1 & 2 not operating on auto, reset once as per SOP but same status. Notified A. Quinata. Electrician (Eli) replaced fuse for P-2 and pump was able to operate on auto. Further testings found P-1 burnt. P-1 was then LOTO and removed to be further inspected. Monitored flow until normal.	Base control and Piti Mayor's Office was notified of completion.	
Central		7/1/12 8:25 AM	7/1/12 8:40 AM	Vietnam Veterans Memorial Highway- Rt 10	Barrigada	Manhole					Pump #2 tripped off	ps			50	0	50		Found pump #2 had tripped off; bled pump #1 then placed it on auto, to deplete wet well and stop the overflowing manhole # 1930 on Rt 10. Overflow ceased at 8:40am (went out on Rt 10 to verify). Rest pump # 2 placed back on auto, observed pump 2 cycles, pump back to normal operation.	Pump #1 was placed on stand-by as per John Blas as per Management.	
Central		7/3/12 10:00 AM	7/3/12 12:00 PM	Mongmong Toto PS	Mongmong	Compressor					compressor not building pressure for bubbler system	ps			20	0	20		Placed pumps 1 & 2 on manual to bring down level. Elec.(Roger) replaced compressor. Test run unit and monitor 3 pump cycles. Upon securing pumps 1 & 2 on auto, wet pit level low.	**replaced compressor, New compressor from Tipaleo , used garden hose to clean spill area.	

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District	Manhole ID #	Start Date/Time	End Date/Time	Location	Village	Sub Facility	Overflow To				Root Cause	Root Cause - Coded by EPA	Description of Incident	Pipe Size	Pipe Length Cleaned (ft)	Total Vol Spilled	Vol Recovered	Net Spill	Pipe Material	Action Taken	Additional Comments
							Storm Drain	River	Wet and	Shoreline											
Northern		7/6/12 7:00 AM	7/6/12 11:10 AM	Marine Corps. Drive	Dededo	Manhole					FOG	m	14	136	4200	0	4200	PVC	Open manhole #10110 and inserted hi-pressure into sewer line 10ft to release heavy grease sedimentation which was causing the sewer line to plug-up. Monitor depletion and once sewage level in manhole depleted down to the channel, inserted hi-pressure hose into sewer line once more to restore sewer line back to full capacity. Informed base control of job completion.	over flow time start:7:00AM Discharge of sewage was @ 20 GPM and was discontinued @ 10:30AM a total of 210min. Paul Kemp was alerted however did not respond. Carmen Denton was notified of the spill over 100gals. Contacted Matt Munoz from M.T.L. to utilize the vector truck and informed B. Torres of the matter.	
Central		7/7/12 6:00 PM	7/7/12 8:30 PM	Pas street	Tamuning C	Manhole					FOG	g	8	250	90	0	90	PVC	Began jetting from OID #562 towards OID #563. An estimated 130' upon entering OID #562 the obstruction was encountered and released after numerous attempts.	Both Vectors are in the shop as per James Mantanona. Vendor CT: 5:30pm****At: 6:00pm****DT: 8:30pm	
Northern		7/9/12 5:55 PM	7/9/12 7:10 PM	Ch. Fago	Dededo	Manhole					Pumps didn't activate on auto mode	ps			80	0	80	PVC	inspect control panel and found pump #1 in auto but not pumping. Pump #2 breaker tripped. Reset breaker and pump #2 activated on auto. Stand by and monitor flow level in wet pit until wet pit depletes down. After wet pit had depleted, back wash pump several times but pump still wasn't pumping. secured pump #1. Disinfected area and flushed with clean water. informed Brian T. and base control of matter.	went back the following day 7-10-12, assisted maint. crew picked up pump and didn't find anything in volute. Inspected discharge line and found a plastic bottle that was blocking the discharge line. Remove bottle and tested pump again. Pump back in operation.	
Northern		7/13/12 11:10 AM	7/13/12 11:50 AM	Rojas St.	Agana Basin	Manhole					Heavy rain	c	8		2000	0	2000	PVC	Contacted Ben Lujan @ 11:15am due to heavy rain which caused the manhole in front of the pump station to overflow a combination of rain water and domestic sewage. Standby for Ben Lujan. 11:50am continued to stand by however overflow had discontinued before pumper truck had arrived.	Carmen Denten was notified of the spill over 100 gallons. 12:35 operator was still standing by for Lujan's, due to the road drying up, operator was unable to recover any spill.	
Northern		7/18/12 12:18 PM	7/18/12 4:00 PM	Gloria Circle	Dededo	Manhole					Grease and rock build up	m	8	150	334	3	331	PVC	Open man hole #774 and inserted hi-pressure hose toward upstream man hole #799 at approximately 15 ft to release heavy grease sedimentation which was causing the sewer line to plug-up. Stand by and monitor flow level in man hole until man hole depletes down. after man hole had depleted down, jetted line line again several times to ensure that line was free from obstruction. at the same time, pumped up approximately 5 gals of grease and rocks. pumped up approximately 3 gals of overspill around the consumer's cleanout and disinfected area. informed consumer and base control of status upon completion.	Carmen Denton was notified of the spill over 100 gallons. overspill lasted for 2 hrs and 47 mins. A total of 167 mins x approximately 2 gals per min that was overflowing = 334 gals spilled.	
Northern		7/18/12 8:25 PM	7/18/12 10:40 PM	Ch. Fago	Dededo	Manhole					Defective Float Switch	ps			60	20	40	PVC	Upon routine inspection found manhole overflowing. shake float switch line and pumps activated on auto. Stand by and monitor level in wet pit until wet pit depletes down. pumped up sewage spill also disinfected area and flushed with clean water. informed Brian T. and base control of matter.	Float switches are defective. Requesting Maint. Crew to replace Wo# 1055292	
Northern		7/24/12 10:30 AM	7/24/12 2:30 PM	Rojas Dr.	Agana Basin	Manhole					Defective Float Control	ps	0	0	75	20	55	PVC	Inspected control panel and both pumps were on auto but not pumping. Activated pump #1 on hand to deplete wet well level and discontinue overflow. Stand by and monitor flow level. We contacted an electrician for assistance. Electrician arrived on site and found the low level float switch to be defective. Replaced float switch with a new one. Monitor pump cycles. Both pumps are ok. Utilize garden hose to flush roadway with clean water and disinfected area with simple green. Inform B. Torres and base control of job completion.	Received the call @ 10:30am and discontinued overflow @ 10:45am. Overflow was discharging @ 5gals per min. Upon depletion of wet well 20gals. Of sewage was recovered when sewage flow had flowed back into manhole opening.	
Northern		7/27/12 5:40 PM	7/27/12 5:50 PM	Ch. Fago (Astumbo#1 Pump Sta.)	Dededo	Manhole					Defective float switch	ps	0	0	20	0	20	PVC	Upon arrival found no manhole overflowing however. Inspected the wet well, and wet well level was normal. Stand by and monitor several pump cycles. Utilized garden hose to flushed sewage spill with clean water also used approximately half a gallon of simple green to deodorize area. Informed B. Torres & base control of status.	It was evident that wet well level had surpassed the incoming line into the wet well which then caused the manhole #2893 to overflow a 20 gallon puddle of sewage. This station has no history of problematic issues with regards to inflow and infiltration during heavy rain conditions.	

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District	Manhole ID #	Start Date/Time	End Date/Time	Location	Village	Sub Facility	Overflow To				Root Cause	Root Cause - Coded by EPA	Description of Incident	Pipe Size	Pipe Length Cleaned (ft)	Total Vol Spilled	Vol Recovered	Net Spill	Pipe Material	Action Taken	Additional Comments
							Storm Drain	River	Wet and	Shoreline											
Northern		7/27/12 9:00 PM	7/27/12 9:40 PM	Frank H. Cushing	Tamuning N	Manhole					Grease Build up	m	received a call from base control of a man hole overflowing. Upon arrival, found man hole #1346A overflowing.	10	300	60	0	60	PVC	Open downstream man hole #1339 and inserted hi-pressure hose into sewer line toward upstream manhole # 1347 at approximately 30 ft to release heavy grease sedimentation which was causing the sewer line to plug-up. Flushed area with clean water and disinfected affected area with 1 gallon of simple green.	Ben Lujan arrived @ 9pm. Stand by and monitor flow level in man hole until flow level depletes down. After flow level had depleted, jetted line again several times to ensure that line was free from obstruction. at the same time, pumped up approximately 500 gals of grease and liquids combined.
Northern		8/2/12 1:30 PM	8/2/12 1:40 PM	Rojas Dr.	Agana Basin	Manhole					Heavy Rain Fall	c (ps)	Inspection found Manhole ID #7905 overflowing due to heavy rain.	0	0	40	30	10	PVC	Inspection of pump station controls found both pumps in auto and pumping normally. Heavy I&I exceeded pumping capacity. Maintained station until wet well depleted and pump station normal cycling observed. Cleaned up affected area with Simple Green and reported status to base control.	approximately 30 gallons of sewage had spilled back into the man hole.
Central		8/4/12 1:45 PM	8/4/12 3:00 PM	Kondo street	Barrigada	Cleanout					I&I due to heavy rain	c	Received call of house overflowing.	4	0	2	0	2	PVC	Made inspection of residence. Offered to help clean out any sewer spill but the customer had already completed cleaning. Provided resident with Simple Green for disinfection purposes. Made inspection to Barrigada PS to ensure station was pumping normally. Reported to base control upon completion of work	Difficult to determine source of overflow. House is situated between Manhole ID 1935 and Manhole ID #1931.
Northern		8/5/12 2:00 PM	8/5/12 2:15 PM	Rojas Dr.	Agana Basin	Manhole					Heavy Rainfall	c (ps)	Inspection found Manhole ID #7905 overflowing due to heavy rainfall and wet pit was at high level.	0	0	80	40	40	PVC	Inspected control panel and both pumps were on auto and in operation. Wet was at high level due to heavy rain which caused the manhole in front of the pump station to overflow a combination of rain water and domestic sewage. Contacted Ben Lujan for assistance @ 2:05pm and standby, however overflow had discontinued @ 2:15pm before the pumper truck had arrived. Stand by and monitor depletion. After wet pit had depleted, monitored several pump cycles. Used approximately half a gallon of simple green to deodorize area. Informed base control and supervisor of status.	Approximately 40 gallons of sewage had drained back into the man hole.
Central		8/7/12 8:00 PM	8/7/12 11:20 PM	Chalan Canton Tasi	Hagatna	Manhole					Heavy rain and I and I	c	Received call from base, investigated and found manhole spilling	15	0	200	0	200	Asbestos Cement	Set up traffic control to prevent vehicles from falling into offset manhole # 941. Once the sewer surge subsided, secured manhole and removed traffic cones.	***Extremely heavy rainfall*** Contacted Paul Kemp
Central		8/7/12 8:30 PM	8/7/12 11:00 PM	Mamajanao PS	Tamuning C	Wet Pit					Heavy rain and I and I	c (ps)	Received call from G4s flood alarm activated, upon arrival found station high level.	0	0	400	0	400	Asbestos Cement	Inspected station to ensure operational status of pumps. Station influent was high and sent rovers to Pump Station Rt. 16 to inspect discharge. Upon reinspection of Mamajanao at 10:30 pm found station overflowing. At 11:09 pm the station returned to normal, reset G4S alarm.	****Extremely heavy rainfall****
Central		8/7/12 8:35 PM	8/7/12 10:05 PM	Rt Marine corp drive	Tamuning C	Manhole					I&I due to heavy rain	c	Inspection found manhole cover lifted from Manhole ID #906. GPD blocked traffic lane to prevent accident.	0	0	600	0	600	Asbestos Cement	Relieved GPD and set up traffic cones blocked exposed manhole to prevent motorist from running into hole. When manhole stopped overflowing we placed cover back in place. Secured area.	*** Extremely heavy rainfall*****
Northern		8/8/12 3:00 PM	8/8/12 7:30 PM	Rojas Dr.	Agana Basin	Manhole					Heavy Rainfall	c (ps)	Inspection found Manhole ID #7905 overflowing due to heavy rainfall and wet pit was at high level.	0	0	1200	50	1150	PVC	Inspected control panel and both pumps were on auto and in operation. Wet well was at high level due to heavy rain which caused the manhole in front of the pump station to overflow a combination of rain water and domestic sewage. Contacted Ben Lujan for assistance with a pumper truck and pumped sewage out from wet well to discontinue overflow. Used approximately half a gallon of simple green to deodorize area. Informed base control of job completion.	Discharged @ Mamajanao pump station. Paul Kemp was notified of the spill. Approximately 50 gallons of sewage had drained back into the man hole.
Central		8/8/12 6:15 PM	8/8/12 7:45 PM	Rt4 Chalan canton tasi	Hagatna	Manhole					Heavy rain and I and I	c	Inspection found Manhole ID #941	15		900	0	900	Asbestos Cement	Set up traffic control to prevent motorist from hitting manhole and causing damage. SSO calculated at approximately 10 gpm through manhole cover.	****Informed Paul Kemp on overflow**** informed base all back to normal****
Central		8/11/12 10:00 AM	8/11/12 12:30 PM	Rt4 Chalan Canton Tasi	Yona	Manhole					FOG	g	Upon arrival government cleanout high level.	4	50	10	5	5	PVC	Jetted cleanout and hit obstruction at 20 feet when flow depleted, jetted line numerous times to ensure line was clear, total line cleared 50 feet, pumped up 5 gallons, and cleaned spill area. Cleanout located between mh # 414 and mh 246.	vender arrival-n 1030 depart 1230*** used vender due to size of line****

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District	Manhole ID #	Start Date/Time	End Date/Time	Location	Village	Sub Facility	Overflow To				Root Cause	Root Cause - Coded by EPA	Description of Incident	Pipe Size	Pipe Length Cleaned (ft)	Total Vol Spilled	Vol Recovered	Net Spill	Pipe Material	Action Taken	Additional Comments
							Storm Drain	River	Wet and	Shoreline											
Central		8/11/12 4:00 PM	8/12/12 9:30 AM	Casimero PS	Mongmong	Manhole					Circuit breaker tripped	ps	Upon arrival found mh # 10429 spilling.	8		50	0	50	PVC	Checked station found pumps on but level not depleting, reset breaker still no respond. Got pumper truck to extraxt 2000 gallons from mh # 10429, disposed at S.Link PS. No electrician available, will be using pumper truck to maintain flow ever 6 to 8 hours. 8-12- at 8:330am used vactor to drain again mh # 10429 , Roger checked breaker and found it tripped, reset and observed level depleting, checked terminating manhole to verify flow. station back to normal operation.	Discharge at S,link PS**** cleaned and disinfected roadway****
Central		8/12/12 4:00 PM	8/12/12 6:00 PM	Lefever	Agana Heights	Manhole					FOG	g	Upon arrival found mh # 480 spilling.	8	265	120	0	120	Asbestos Cement	Jetted from mh # 472 to 468 at 225 feet, removed obstruction at 80 feet when flow depleted, jetted towards mh # 479 at 40 feet. Total line cleared is 265 feet. Shot line numerous times to ensure lin is clear. Pumped up 15 gallons grease and 300 liquid. disposed at S. link PS.	****Informed Paul Kemp on overflow**** informed base all back to normal****
Central		8/15/12 2:00 PM	8/15/12 4:30 PM	Corten Torres	Mangilao C	Gravity Sewer					FOG	g	Made ispection found government cleanout overflowing.	4	40	5	1	4	PVC	Jetted into cleanot, hit obstruction at 10 feet when flow started to deplete, jetted 40 feet. Pumped up tissue around cleanout, pumped 15 gallons. Cleanout located between mh # 2192 and 2191.	***Ben Lujan was not available at south rovers**** informed base and consumer our findings***
orthern		8/15/12 8:18 PM	8/15/12 8:32 PM	Rojas Dr.	Agana Basin	Manhole					Heavy Rainfall	c (ps)	while making a routine check at station,found man hole #7905 overflowing due to heavy rainfall and wet pit was at high level.			42	20	22	PVC	During routine inspection, operators found manhole #7905 overflowing. Wet well was at high level due to heavy rain which caused the manhole in front of the pump station to overflow a combination of rain water and domestic sewage. Contacted Ben Lujan for assistance @8:20pm and standby, however overflow had discontinued @ 8:32pm before the pumper truck had arrived. Stand by and monitor depletion. After wet pit had depleted, monitored several pump cycles. Used approximately half a gallon if simple green to deodorize area. Informed base control and Anthony Q. of status.	Approximately 20 gallons of sewage had drained back into the man hole. Contacted Ben Lujan to cancel pumper truck.
entral		8/15/12 9:30 PM	8/15/12 11:00 PM	Rt 4 Chalan Canton Tasi	Hagatna	Gov't. Clean Out					Heavy Rain and l and l	c	Received call from base report of overflow, found mh # 941 and mh 940 offset.	15		1800	0	1800	Asbestos Cement	Set up traffic control in front of mh # 940 and 941, it was needed to prevent motorist from driving into manhole and causing damages or injuries, approxmatley 10 gallons per minute was spilling from each manhole. Secured upon completion	**** Informed base and Paul Kemp upon completion****
uthern		8/20/12 9:00 AM	8/22/12 4:00 PM	ORUNG CIRCLE FINILLE	Agat	Manhole					HEAVY RAIN CAUSING MANHOLE TO BE FULL,BUT WAS SURCHARGING.....	c	OPEN MANHOLE # 5664 AND FOUND MANHOLE TO BE FULL,BUT WAS SURCHARGING.....	8	140	80	50	30	Asbestos Cement	8/20/2012 AT 8:00 PM RECEIVE A CALL OUT FROM BASE CONTROL ,CONTACTED BENLUJAN TO ASSIST IN A SEWER BACK UP... OPEN MANHOLE # 5664 AND FOUND MANHOLE TO BE FULL ,BUT SURCHARGING, INSTRUCTED OPERATOR TO JET FROM M/H#5664 TO M/H# 7324 AT ABOUT 140 FEET TO ASSURE THAT THERE ARE NO OBSTUCTIONS, MULTIPLE TIMES... THEN ALSO INSTRUCTED OPERATOR TO PUMP OUT LARGE DREBIS OF GREASE AT M/H # 5664..8/21/2012 8:00AM RECEIVED ANOTHER CALL FROM BASE CONTROL REGARDING THE SAME AREA. WENT AND SPOKE TO CONSUMER AND SHE INFORMED ME THAT SEWAGE CAME OUT FROM HER CLEAN OUT THE NIGHT BEFORE..MADE INSPECTION ON THE BACK FLOW PREVENTER AND IT WAS OK, SO INFORM MY SUPERVISOR INAS MESNGON THAT OUR BACK FLOW PREVENTER WAS OK ,BUT FOUND THAT SEWER WATER HAD SEEP FROM HER CLEAN OUT TO SOFT GROUND...UTILIZED BEN LUJAN TO ASSIST IN CLEAN UP PUMP OUT ABOUT 45 GALLONS, ALSO FLUSH AND DISENFECT AREA.....ON 8/22/12 9:00AM INAS MESNGON, R SCROGGS,EFRIN ALANO AND MTL CREW CAME OUT TO MAKE INVSTIGATION ON THE SITUATION AND DISCOVERED THAT ONE OF TWO BACK FLOW PREVENTERS ... THE FLAPPER WAS MISSING... CAUSING SEWAGE TO SEEP INTO CUNSUMERS LINE COMING OUT OF THERE CLEAN OUT ...INFORM CONSUMER MR'S AQUANINOG THAT THE FLAPPER FOR THE BACK FLOW PREVENTER WAS	VECTOR COULD NOT BE UTILIZE... DURING THE DURATION OF THE BACK UPS 8/20,8/21, PERFORMING PREVTIVE MAINTENANCE/ AND OTHER VACTOR IS BEING REPAIRED AT MID PAC...DISCHARGE 17,450 GALLONS TOTAL AT AGAT TREATMENT PLANT
orthern		8/20/12 10:07 AM	8/20/12 10:50 AM	Ypao Beach Park	Agana Basin	Manhole					Leak on bubbler system hose	ps	received a call from base control of a man hole overflow. Upon arrival, found man hole #870 overflowing and wet pit was at high level.	8		172	0	172	PVC	Inspect control panel and found that pumps didn't activate on auto due to insufficient pressure to activate pressure switches. Switch both pumps to manual to deplete wet pit to discontinue overflow. Contacted electrician for assistance. Electrician arrived and readjusted air regulator and repaired leak on hose. Stand by and monitor pump cycles to ensure that pumps are operating normally. used a gallon of simple green to deodorize overspill area. informed base control upon completion.	estimated overspill at approximately 4gpm. Ovrspill lasted for about 43 mins. 43x4=172 gals spilled. Paul Kemp was notified of the spill over 100 gals.

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District	Manhole ID #	Start Date/Time	End Date/Time	Location	Village	Sub Facility	Overflow To				Root Cause	Root Cause - Coded by EPA	Description of Incident	Pipe Size	Pipe Length Cleaned (ft)	Total Vol Spilled	Vol Recovered	Net Spill	Pipe Material	Action Taken	Additional Comments
							Storm Drain	River	Wet and	Shoreline											
Northern		8/20/12 10:20 AM	8/20/12 11:30 AM	W. Buttercup St.	Dededo	Manhole					Burnt Pump	ps	received a call from Brian Torres of a high pit level at the Macheche Pump station. Upon arrival, found wet pit at high level and main breaker had tripped.	8		210	0	210	PVC	Reset main breaker and tried to activate pump on manual. Main breaker tripped, secured breaker switch. Contacted electrician for assistance. Electrician arrived and determined pump to be burnt. Utilized Ben Lujan pumper truck to pump sewage from manhole #7125a to discontinue overflow. and discharged sewage into man hole #7147. Maintenance crew removed pump #2 from PGD and installed it at macheche pump station. Pump #1 at macheche is back on line. Disinfected effected area with fabulouso detergent.	estimated overspill at approximately 3gpm. Ovrspill lasted for about 70 mins. 70x3=210 gals spilled. Man hole is inbetween 7125 and 7121. Paul Kemp was notified of the spill over 100 gals.
Northern		8/20/12 1:45 PM	8/20/12 3:35 PM	Rojas Dr.	Agana Basin	Manhole					Heavy Rainfall	c (ps)	while making a routine check at station,found man hole #7905 overflowing due to heavy rainfall and wet pit was at high level.			1050	60	990	PVC	Inspected control panel and both pumps were on auto and in operation. Wet was at high level due to heavy rain which caused the manhole in front of the pump station to overflow a combination of rain water and domestic sewage. Contacted Ben Lujan for assistance @ 1:45pm and standby, however overflow had discontinued @ 2:55pm before the pumper truck had arrived. Stand by and monitor depletion. After wet pit had depleted, monitored several pump cycles. Used approximately half a gallon if simple green to deodorize area. Informed base control and B Torres. of status.	Approximately 60 gallons of sewage had drained back into the man hole. Manhole was discharging at approximately 15 gals. Min. Paul Kemp was nified of the spill over 100 gals.
orthern		8/22/12 6:30 PM	8/22/12 10:30 PM	Rojas Dr.	Agana Basin	Manhole					Heavy Rainfall	c (ps)	while making a routine check at station,found man hole #7905 overflowing due to heavy rainfall and wet pit was at high level.			1800	70	1730	PVC	Inspected control panel and both pumps were on auto and in operation. Wet was at high level due to heavy rain which caused the manhole in front of the pump station to overflow a combination of rain water and domestic sewage. Utilized Ben Lujan rental and pumped sewage out from manhole to discontinue overflow. Used approximately half a gallon if simple green to deodorize area. Informed base control and B Torres. of status.	Approximately 70 gallons of sewage had drained back into the man hole. Manhole was discharging at approximately 15 gals. Min. Paul Kemp was nified of the spill over 100 gals.
entral		8/22/12 7:05 PM	8/22/12 8:45 PM	Chalan Canton Tasi Rt. 4	Hagatna	Manhole					inclement weather	c	Made inspection to area found MH's OID #6897 and OID #941 overflowing.	15		2000	0	2000	Asbestos Cement	Set up traffic cones to deter motorist from running over mnaholes. Stood-by to monitor until the overflow ceased.	****Informed base and Paul Kemp**** Rovers made inspection found manhole overflowing*****
entral		8/23/12 2:30 PM	8/23/12 5:30 PM	Cuscaho	Tamuning C	Gov't. Clean Out					FOG	g	Made inspection found MH # 41A spilling.	12	514	90	30	60	PVC	Jetted into mh #41 toward 41A, removed obstruction at 30 ft jetted 208 feet, inserted into mh # 41 towar 42 at 306 feet. Total line jetted 514 feet, pumped up 30 gallons on ground. Disposed at S. Link PS.	***Vactor crew attending CCTV training, Ben Lujan down south doing corrective work**** Dtery arrive- 5:00pm depart 7:00pm
orthern		8/25/12 8:32 AM	8/25/12 11:00 AM	112 Chalan Santa Maria	Dededo	Manhole					FOG	m	Received a call from base control of a sewer back up in Santa Ana. Upon arrival found 4inch clean out over spilling in between M/H# 7891 & 6699,	4	30	50	0	50	PVC	Inserted hi-pressure hose into sewer line about 20 ft. to release heavy grease sedimentation which was causing the sewer line to plug up, Monitor depletion and inserted hi-pressure hose 10ft. once more to restore sewer line back to full capacity. Informed base control and consumer upon completion of project.	Informed B. Torres of the matter and to request to utilize Lujans combination truck.
orthern		8/25/12 10:09 AM	8/25/12 1:30 PM	Chalan Fago St.	Dededo	Manhole					pump#2 tripped	ps	Received a call from base control of a sewer overflow at Chalan Fago St. Austumbo. Upon arrival found manhole#2893 overflowing and wet pit at high level due to pump unit #2 tripped. Informed Supervisor B. Torres of the matter.	6		150	75	75	PVC	Reset pump unit #2 breaker, and put back on auto. Both Pumps #1 and #2 activated to deplete wet pit level. Utilized Ben Lujan Combo truck to extract overspill around station and floatables in wet pit. Informed base control and consumer of completion of project.	Informed Paul Kemp of the overspill being more than 100 gallons.
entral		8/25/12 5:00 PM	8/25/12 8:00 PM	Rt4 Chalan Canton Tasi	Yona	Gravity Sewer					FOG	g	Upon arrival government cleanout high level show signs of spill.	4	50	5	0	5	PVC	Jetted cleanout and hit obstruction at 20 feet when flow depleted, jetted line numerous time to ensure line was clear, total line cleared 50 feet, pumped up 5 galolns, cleaned spill area. Cleanout located between mh # 414 and mh 246.	vender arrival-n 5:00 depart 8:00*** used vender due to size of line**** Ben Lujan at south****
entral		9/6/12 11:30 AM	9/6/12 1:30 PM	E.T Calvo Memorial Park	Tamuning C	Manhole					FOG	g	Upon arrival found Manhole ID # 929A overflowing.	6	267	200	5	195	PVC	Jetted from Manhole ID #929A toward Manhole ID#929B, encountered blockage at 97 ft and 150 ft. Jetted line for 267 feet and removed 300 gallons of grease from Manhole ID # 929B and 5 gallons from #929A.	*** Informed Paul Kemp***

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							Storm Drain	River	Wetland	Shoreline											
Central		9/6/12 5:00 PM	9/6/12 7:30 PM	Puti Tai Nobio	Mangilao C	Gov't. Lateral					Debris in clean out line	d	4	100	80	30	50	PVC	Jetted from Clean out #2298A toward main line. Encountered blockage at 50 ft, continued jetting for another 50 feet. Monitored for normal operation and sanitized area and notified supervisor and base control.		
Northern		9/10/12 8:30 AM	9/10/12 2:45 PM	Magof St.	Dededo	Manhole					4" discharge hose cracked	ps	4	0	130	0	130	PVC	Used MTL to control flow. Maintenance crew replaced defective discharge hose. Monitored station for normal operation and disinfected spill area. Contacted supervision.	MTL crew pumped up 7 loads at 3000 gals each and 8 loads at 2000 gals. Paul Kemp was notified of the spill over 100gals. Maintenance crew is to schedule installation of pipe material for the discharge side of the pump unit to discontinue the use of the 4" hose. Discharge piping on order.	
Central		9/15/12 6:30 PM	9/15/12 6:45 PM	Alupang Cove PS	Tamuning C	Pump - PS					Pump tripped off	ps	8	225	30	15	15	Cast Iron	Contact electrician Jerrelle Duenas he found that contacts to control sticking, bee nesting causing sticking, cleaned contacts. pump # 1 and Pump # 2 back to normal operation. contact MTL and vender to assist pump# 2. received call from base report of mh # 10267 overflowing. used pumper to clean and sanitize area. Monitored fro normal operation.		
Central		9/18/12 11:15 AM	9/18/12 1:00 PM	Rt 4 Chalan Canton Tasi	Yona	Gravity Sewer					Fog	g	4	50	10	0	10	PVC	Used Vendor to Jet Cleanout,Hi-Velocity hose was inserted into cleanout ,obstruction was at 15 feet when flow had depleted.Jetted total 50 feet. Cleanout located between manholes 314 and 245. Cleaned and sanitized area notified base control upon completion of work.		
Northern		9/22/12 6:00 PM	9/23/12 7:00 PM		Inarajan	Gravity Sewer					UNDER VOLTAGE FAULTY/ BURNT MOTOR	ps	8		500	0	500	PVC	Pump motors were found to be burned. Flow was maintained using pumper truck service until a replacement pump was secured from Dairy Road. Contacted the Landfill operator and cleaned up and sanitized area. Notified customer, supervision and base control.	Pumps are under warranty. Contacted Core Tech and JMI for repair work. Paul Kemp was notified of overflow by Superintendent of Collection Systems.	
Northern		9/27/12 8:05 AM	9/27/12 12:45 PM	193 North Chalan Henry Kaiser	Dededo	Manhole					Obstruction of grease and tissue	m	8	200	30	0	30	PVC	Jetted from Manhole ID#2139 upstream about 180 to clear obstruction and waited for flow to deplete, then jetted 20 more feet for good measure. Informed base control and consumer up completion of project.	Removed asphalt covering the manhole and placed a safety cone over it, informed B. Torres of the matter.	

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