

TASK 4: MUNICIPAL OPERATIONS AND MAINTENANCE ENHANCEMENTS

STORM DRAIN SYSTEM CLEANING AND VIDEO INSPECTION PILOT PROJECT



Project Information	
Existing O&M	<p>Storm drain system cleanouts are not routine; last cleanout was in 2005: approximately 3,500kg solids and 4 – 70g of PCBs removed.</p> <p>Video from March 2013 identified high sediment accumulation.</p>
Enhanced O&M	<p>In August 2013, 10,000 gallons of water used to flush 750 feet of main storm drain and 200 feet of public laterals; sediment and water samples collected.</p> <p>Video taken in September 2013 and January 2016 identified further sediment accumulation and possible pipe damage.</p>

Results

Conclusions	<p>Periodic inspection and cleanout prior to start of rainy season may be warranted in high-sediment, high-pollutant concentration areas.</p> <p>During planning/costing consider that disposal of sediment and water may require fees and permits.</p>	
Pollutant Reductions	Pollutants removed in sediment:	
	Sediment	3,843 kg
	PCBs	73 g
	Mercury	2.9 g

