



Infiltration/Inflow Control Program

Watershed Planning Council Meeting





Infiltration/Inflow Control Program (IICP) – WMO Article 8

- Adopted July 10, 2014
- Scope and Goals
 - Prevent basement backups and sanitary sewer overflows
 - Comply with NPDES permit conditions
 - Reduce wet-weather flows to MWRD WRPs
- Applicability
 - All satellite entities that own/operate separate sanitary sewer systems tributary to MWRD
- Compliance
 - Short Term Requirements
 - Private Sector Program
 - Long Term Operation & Maintenance Program
 - Annual Reporting



Short Term Requirements : July 2014 – July 2019

- Identify High Priority Areas
- Condition Assessment
 - High Priority sewers, manholes and lift stations
 - No less than 10% of the entire system
 - CCTV, manhole and lift station inspections
 - Smoke and dye water testing
 - External private property inspection
 - connected downspouts and defective cleanouts
 - NASSCO standards for uniformity
 - Already completed work credit



Short Term Requirements: July 2014 – July 2019 (continued)

- Undertake Rehabilitation Work for High Priority Defects
 - Mainline sewers and manholes within 3 years or include in Capital Improvement Plan (CIP)
 - Remove cross-connections within 1 year
 - Correct private sector downspouts and cleanout caps within 1 year
- Develop Private Sector Program
- Develop Long Term Operation & Maintenance Program



Private Sector Program (PSP) – No later than July 2019

- Program Includes:
 - Trained Staff to implement PSP
 - Local Authority
 - Inspection
 - Non-Compliance Correction
 - Long Term Program to Address High-Cost I/I Sources
 - Enforcement
 - Funding
 - Public Information
- Sample PSP Template is available in Article 8 - Appendix D of TGM



Long Term Operation & Maintenance Program - No later than July 2019

- Program Includes:
 - Sewer System Management
 - Sewer System Mapping
 - Equipment and Collection System Maintenance
 - Materials and Equipment
 - Sewer System Capacity Evaluation
 - Sewer System Inspection and Condition Assessment
 - Sewer System Rehabilitation and Updating CIP
 - Funding Plan
 - Private Sector Program
 - Sewer Use Ordinance and Enforcement
- Sample LTOMP Template is available in Article 8 - Appendix D of TGM



Annual Reporting

- Complete and Submit Report Forms
- Maintain records of all SSOs and BBs (Internal Summary Form)

Report Due Date	Reporting Year	Report Form
March 1, 2016	2015	Short Term Requirements Annual Summary Report
March 2017 - 2020	2016 - 2019	Short Term Requirements Annual Summary Report. Once completed use Long Term O&M Annual Summary Report
March 2021	2020	Long Term O&M Annual Summary Report



Non-Compliance

- Inadequate progress toward completing the Short Term Requirements by 2019
- Failure to adequately implement an approved Private Sector Program
- Failure to adequately implement an approved Long Term O&M Program
- Failure to submit an Annual Report or an inadequate report

MWRD Non-Compliance Action

- Administrative proceedings including: Notice of non-compliance and Show Cause Hearing
- Loss of eligibility for funding assistance by MWRD
- Loss of status as an Authorized Municipality under the WMO
- Reporting of non-compliance to the IEPA/USEPA
- Denial of WMO permit for qualified sewer construction



MWRD I/I Webpage

ii.mwrd.org

- WMO Article 8
- IICP Technical Guidance Manual
- Reporting Forms
- Presentations
- Links to I/I Resources