

**MWRD CONSENT DECREE
CMAP ENR COMMITTEE
MAY 7, 2014**

- **JANUARY 2014 RULING**
- **COMBINED SEWER OVERFLOW (CSO) CONTROL**
- **TUNNEL AND RESERVOIR PLAN (TARP) COMPLETION COMPLIANCE SCHEDULE**
- **FLOATABLES CONTROL**
- **GREEN INFRASTRUCTURE**
- **CIVIL PENALTIES**
 - *\$350,000 TO UNITED STATES*
 - *\$325K TO ILLINOIS*

TARP COMPLETION

- 1972 - TARP IS LONG-TERM CONTROL PLAN
 - PHASE I (TUNNELS) COMPLETED
 - MAJEWSKI RESERVOIR (323 MG) COMPLETED
 - THORNTON (4.8 BG*) BY 12/31/15
 - McCOOK STAGE I (3.5 BG) BY 12/31/17, STAGE II (6.5 BG) BY 12/31/29
 - CONTINGENCIES OUTSIDE MWRD CONTROL POSSIBLE, WITH JUSTIFICATION
- * Does not include additional 3.1 BG of overbank flooding capacity.

FLOATABLES CONTROL – APPENDIX B OF CONSENT DECREE

- FLOTABLES ARE PLASTIC BOTTLES, PLASTIC BAGS, OTHER FLOATING DEBRIS FROM CSOs AND OVERLAND FLOW – MOST VISIBLE ISSUE
- NEW CONTROL PLAN
- TWO ADDITIONAL TRASH COLLECTION BOATS
- INCREASE OPERATIONS AFTER STORM EVENTS

GREEN INFRASTRUCTURE PROGRAM – APPENDIX E OF CONSENT DECREE

DEFINITION: GI IS RANGE OF STORMWATER CONTROL MEASURES THAT USE PLANT/SOIL SYSTEMS, PERMEABLE PAVEMENT, STORMWATER HARVEST AND REUSE, OR NATIVE LANDSCAPING TO STORE, INFILTRATE, AND/OR EVAPOTRANSPIRATE SW AND REDUCE FLOWS TO THE SEWER SYSTEMS OR TO SURFACE WATERS. INCLUDES BIORETENTION, EXTENDED DETENTION WETLAND AREAS, GREEN ROOFS, PERMEABLE PAVEMENT, RAIN BARRELS, AND CISTERNS.

GREEN INFRASTRUCTURE PURPOSE

- GOALS IS TO INCREASE ACCEPTANCE OF GI IN MWRD SERVICE AREA AND DECREASE CSOs, LOCALIZED FLOODING, AND SW IMPACTS.
- IN COLLABORATION WITH LOCAL AGENCIES, NGOs, CITIZENS, AND PRIVATE ENTITIES.

GREEN INFRASTRUCTURE PROGRAM

- ENHANCED RAIN BARREL PROGRAM (10k in 3 YRS AND 15k IN 5 YRS OF LOW OR NO COST RAIN BARRELS TO RESIDENCES, 825k GAL TOTAL CAPACITY)
- EARLY MONITORING, EVALUATION AND KNOWLEDGE BUILDING (\$325k TO PROJECT(S), EVALUATE DESIGN AND RESULTS)
- GREEN INFRASTRUCTURE PLAN
- GREEN INFRASTRUCTURE IMPLEMENTATION

GREEN INFRASTRUCTURE PLAN

- **MWRD COMPREHENSIVE LAND USE POLICY (GI REQUIRMENTS FOR MWRD LEASES)**
- **GI CONTROLS (DEVELOP GI DESIGN, PERFORMANCE, AND MAINT PRACTICES)**
- **GI COMMUNITY ASSISTANCE (TECHNICAL ASSISTANCE IN PROJECTS, LOCAL ORDINANCES) – 1 MWRD FTE EMPLOYEE**
- **GI PROJECTS (PARTNERSHIPS AND COLLABORATIONS, PUBLIC PARTICIPATION, GEOGRAPHIC COVERAGE/PRIORITIZATION, PRESERVATION)**

IMPLEMENTATION OF GI PLAN

- **PROJECTS IN COLLABORATION WITH STAKEHOLDERS**
- **WITHIN 5 YRS, 2 MG DESIGN RETENTION CAPACITY**
- **WITHIN 10 YRS, 5 MG**
- **WITHIN 15 YRS, 10 MG**
- **ADDITIONAL GI PROJECTS DUE TO CONTINGENCY SCHEDULE DELAY**
- **REPORTING REQUIREMENTS**