

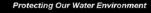
Metropolitan Water Reclamation District of Greater Chicago

## Document 04.3.14 – Fulton County Land Application IEPA Operating Permit (No. 2005-SC-5073) Reporting Requirements

Version Number: 4 Version Date: October 18, 2011

Special Requirement Due Date Responsible Min. Record (Records are maintained by the Responsible Department) Condition Department Retention (years) S.C. 7 -Provide on-site supervision of sludge & supernatant application. -During application M&O 5 -Notify IEPA if biosolids reaches any streams or surface waters. -Within 24 hours M&O S.C. 10 -Submit monitoring reports to IEPA. -Monthly M&R 5 -Sample effluent discharge from retention basins for BOD, SS, pH and fecal -Prior/during effluent S.C. 12 & 13 M&R 5 coliform. discharge -Submit results to IEPA. -Monthly S.C. 14 -Remove waters from retention basins to maintain capacity to store a 100 year, -After a storm M&O 5 24-hr event. -Upon occurrence M&O -Keep records of precipitation and runoff pumped back to the field or discharged -Monthly M&R to stream. -Submit results to IEPA -Monitor the crop yield and crops harvested S.C. 17 M&R -At each harvest 5 -Analyze soil for Cd, Zn, Cu, Cr, Pb, -Annually -Analyze groundwater for NH<sub>3</sub>-N, NO<sub>2</sub>, NO<sub>3</sub>, Cd, Cu and Hg -Quarterly -Analyze surface water for NH<sub>3</sub>-N, NO<sub>2</sub>, NO<sub>3</sub>, total P, Cd, Cu and Hg -3x/vear -Quantity of sludge applied; DT/acre; pounds of PAN/acre -Daily during application -Quality of sludge applied: %TS, organic N, NH3-N -Weekly during application -Quality of sludge applied: Cd, Ni, Cu, Cr, Zn, Mn, Pb and Hg -Monthly during application -Submit results to IEPA. -Monthly S.C. 20 -Analyze lysimeter samples at St. David Reclamation site for pH, electrical M&R -Quarterly 5 conductivity, acidity or alkalinity, AI, Fe, Mn, chloride, sulfates, NH<sub>3</sub>-N, NO<sub>2</sub>, NO<sub>3</sub>, P, Cd, Cr, Cu, Ni, Pb, and Zn. -In Monthly reports -Submit results to IEPA. -Monitor discharge from drain tiles at St. David gob pile for SS, pH and Fe. -Quarterly S.C. 23 M&R 5 -Submit results to the IEPA. -In monthly reports

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Environmental Management System for Biosolids

Metropolitan Water Reclamation District of Greater Chicago

## **Revision History**

Version Number	Version Date	Description of Revision
0	8/15/05	Original version.
1	1/19/06	Updated permit number
2	2/26/07	Minimum records retention time added
3	8/26/09	Changed R&D to M&R
4	10/18/11	Edited Footer with Official Document Location