

eLINK Guidance Document

Choosing the best estimator

January 2015

Purpose: This document provides guidance on the choosing the best pollution reduction estimator for the Best Management Practice (BMP) proposed or reported in eLINK.

This document is a guide to selecting pollution reduction estimators for Best Management Practices (BMPs). Multiple estimators are listed for some BMPs and you may choose which are most appropriate. Not all estimators listed need to be used, however in many circumstances using more than one is necessary to estimate a suite of pollutants. The choice of estimator depends on site specific characteristics. BMPs without a recommended estimator are labeled with "Not Applicable", "Not currently available or under development" or "Prevention". Definitions of each practice can be found in the "Practices" eLINK Guidance Document, found at http://www.bwsr.state.mn.us/outreach/eLINK/Guidance/Practices.pdf.

Not Applicable includes BMPs that are either unlikely to reduce pollution or pollution reduction is too site specific and a generalized estimator is not appropriate.

Not currently available or under development includes BMPs for which estimators do not exist or BWSR does not recommend a specific estimator.

Prevention includes BMPs which are recognized as preventing pollution rather than mitigating an existing pollution concern.

Note: This guidance document does not include all available pollution reduction estimators or models. Use of peer reviewed/professionally accepted estimators or models are acceptable when available and appropriate. For more details on NRCS practice standards, visit Section IV of the NRCS Field Office Technical Guide at http://efotg.sc.egov.usda.gov/.

Practice Name	Code	Suggested Estimator
Access Control	472	Not Applicable
Access Road	560	Not Applicable
Alternative Tile Intake - Dense Pattern Tiling	170M	Not currently available or under development
Alternative Tile Intake - Gravel Inlet	172M	Not currently available or under development
Alternative Tile Intake - Other Blind Intake	173M	Not currently available or under development
Alternative Tile Intake - Perforated Riser Intake	171M	Not currently available or under development
Alum addition - In Lake	563M	Not currently available or under development
Anaerobic Digester	366	Not currently available or under development
Animal Mortality Facility	316	Prevention
Aquatic Vegetation Management	565M	Not currently available or under development
Bioretention Basin	712M	MPCA MIDS

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Practice Name	Code	Suggested Estimator
Brush Management	314	Not Applicable
Chloride - anti-ice		Prevention
Chloride - Equipment Upgrades		Prevention
Chloride - pre-wet		Prevention
Chloride - Reduce Waste/Spills		Prevention
Chloride - Storage and Maintenance		Prevention
Chloride Reduction Practices	610M	Prevention
Clearing and Snagging	326	Not currently available or under development
Closure of Waste Impoundments	360	MinnFARM
Composting Facility	317	Not currently available or under development
Conservation Cover	327	BWSR Sheet/Rill, RUSLE2, WEPS
Conservation Crop Rotation	328	BWSR Sheet/Rill, RUSLE2, WEPS
Conservation Easement	327M	Not Applicable
Conservation Tillage	329B	RUSLE2, WEPS
Contaminant Source Inventory		Not Applicable
Contour Buffer Strips	332	BWSR Sheet/Rill, RUSLE2
Contour Farming	330	BWSR Sheet/Rill, RUSLE2
Cooperative Weed Management	64284	Nick Acadesis
Area	613M	Not Applicable
Cover Crop	340	BWSR Sheet/Rill, RUSLE2, WEPS
Critical Area Planting	342	BWSR Filter strip, BWSR Sheet/Rill, RUSLE2, WEPS
Dam	402	Not Applicable
Denitrfying Bioreactor	747	Not currently available or under development
Diversion	362	Not currently available or under development
Drainage System Inventory		Not Applicable
Drainage Water Management	554	Not currently available or under development
Erosion Control	148M	BWSR Filter strip, BWSR Gully, BWSR Sheet/Rill, BWSR Stream & Ditch,
		RUSLE2, WEPS
Feedlot Inventory		Not Applicable
Feedlot Relocation/Retirement	391M	Not Applicable
Filter Strip	393	BWSR Filter strip, RUSLE2
Fish Management	392M	Not Applicable
Forage and Biomass Planting	512	Not Applicable
Forest Management Plan		Prevention
Forestry Management	147M	Not currently available or under development
Grade Stabilization Structure	410	BWSR Gully
Grassed Waterway and Swales	412	BWSR Gully, MPCA MIDS, RUSLE2
Green Roof	805M	MPCA MIDS
Groundwater Monitoring		Not Applicable
Heavy Use Area Protection	561	Not Applicable
Infiltration Trench	803M	MPCA MIDS
Inspections		Not Applicable
Irrigation Water Management	449	Not Applicable
Land Reclamation, Abandoned Mined Land	543	Not Applicable
Lined Waterway or Outlet	468	BWSR Gully
Multi-stage Ditch		Not Applicable
Nutrient Management	590	Prevention
Nutrient Management Plan		Not Applicable

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	Water Reuse	636	
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Practice Name	Code	Suggested Estimator
Well Decommissioning	351	Prevention
Wetland Creation	658	Not currently available or under development
Wetland Inventory		Not Applicable
Wetland Restoration	657	Not currently available or under development
Wetland Wildlife Habitat	644	Not currently available or under development
Management		
Windbreak/Shelterbelt	380	WEPS
Establishment		
Windbreak/Shelterbelt Renovation	650	Not currently available or under development
Workshop/Clinics/ Presentations		Not Applicable