

# PTMApp-Desktop Attribute Catalog

Revised July 2018

**Attribute tables are ordered in this document in the approximate order they are used and/or created following a typical workflow in PTMApp-Desktop.**

Table 1. Attribute table for bound\_1w1p.

bound_1w1p			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Ingest Data > Clip Watershed
SHAPE	Geometry	Feature geometry	Ingest Data > Clip Watershed
SHAPE_Length	Double	Length of feature in internal units	Ingest Data > Clip Watershed
SHAPE_Area	Double	Area of feature in internal units squared	Ingest Data > Clip Watershed

Table 2. Attribute table for p\_res\_pts.

p_res_pts			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Ingest Data > Clip Watershed
SHAPE	Geometry	Feature geometry	Ingest Data > Clip Watershed
Source	Text	Source of point (e.g. stream/lake outlet, monitoring location)	Ingest Data > Clip Watershed
Name	Text	Name of priority resource	Ingest Data > Clip Watershed
p_res_catch_ID	Long Integer	Unique whole number ID for priority resource catchment	Ingest Data > Clip Watershed

Table 3. Attribute table for catchment.

catchment			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Catchments and Loading > Generate Catchments
SHAPE	Geometry	Feature geometry	Catchments and Loading > Generate Catchments
catch_ID	Long Integer	Unique whole number ID for catchment	Catchments and Loading > Generate Catchments
SHAPE_Length	Double	Length of feature in internal units	Catchments and Loading > Generate Catchments
SHAPE_Area	Double	Area of feature in internal units squared	Catchments and Loading > Generate Catchments

Table 4. Attribute table for adj\_catchment.

adj_catchment			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Catchments and Loading > Generate Catchments
SHAPE	Geometry	Feature geometry	Catchments and Loading > Generate Catchments
adj_catch_ID	Long Integer	Unique whole number ID for adjoint catchment	Catchments and Loading > Generate Catchments
SHAPE_Length	Double	Length of feature in internal units	Catchments and Loading > Generate Catchments
SHAPE_Area	Double	Area of feature in internal units squared	Catchments and Loading > Generate Catchments

Table 5. Attribute table for p\_res\_catchment.

p_res_catchment			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Catchments and Loading > Generate Catchments
SHAPE	Geometry	Feature geometry	Catchments and Loading > Generate Catchments
p_res_catch_ID	Long Integer	Unique whole number ID for priority resource catchment	Catchments and Loading > Generate Catchments
SHAPE_Length	Double	Length of feature in internal units	Catchments and Loading > Generate Catchments
SHAPE_Area	Double	Area of feature in internal units squared	Catchments and Loading > Generate Catchments

Table 6. Attribute table for table\_catchment.

table_catchment			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Catchments and Loading > Summarize Catchment Loadings
catch_ID	Long Integer	Unique whole number ID for catchment	Catchments and Loading > Summarize Catchment Loadings
area_sq_meters	Double	Catchment area in square meters	Catchments and Loading > Summarize Catchment Loadings
no_of_cells	Long Integer	Number of raster cells within the catchment	Catchments and Loading > Summarize Catchment Loadings
acres	Double	Catchment area in acres	Catchments and Loading > Summarize Catchment Loadings
wshed_min_tt	Double	Catchment minimum travel time in hours	Catchments and Loading > Summarize Catchment Loadings
sed_mass	Double	Annual sediment load across catchment in cell-tons/year	Catchments and Loading > Summarize Catchment Loadings
sed_mass_tons	Double	Annual sediment load across catchment in tons/year	Catchments and Loading > Summarize Catchment Loadings
sed_mass_tons_acres	Double	Annual sediment yield across catchment in tons/acre/year	Catchments and Loading > Summarize Catchment Loadings
sed_mass_fl	Double	Annual sediment load across catchment delivered to the catchment outlet in cell-tons/year	Catchments and Loading > Summarize Catchment Loadings

table_catchment			
Field Name	Data Type	Description	Processed in
sed_mass_fl_tons	Double	Annual sediment load across catchment delivered to the catchment outlet in tons/year	Catchments and Loading > Summarize Catchment Loadings
sed_mass_fl_tons_acre	Double	Annual sediment yield across catchment delivered to the catchment outlet in tons/acre/year	Catchments and Loading > Summarize Catchment Loadings
tn_mass	Double	Annual total nitrogen load across catchment in cell-lbs/year	Catchments and Loading > Summarize Catchment Loadings
tn_mass_lbs	Double	Annual total nitrogen load across catchment in lbs/year	Catchments and Loading > Summarize Catchment Loadings
tn_mass_lbs_acre	Double	Annual total nitrogen yield across catchment in lbs/acre/year	Catchments and Loading > Summarize Catchment Loadings
tn_mass_fl	Double	Annual total nitrogen load across catchment delivered to the catchment outlet in cell-lbs/year	Catchments and Loading > Summarize Catchment Loadings
tn_mass_fl_lbs	Double	Annual total nitrogen load across catchment delivered to the catchment outlet in lbs/year	Catchments and Loading > Summarize Catchment Loadings
tn_mass_fl_lbs_acre	Double	Annual total nitrogen yield across catchment delivered to the catchment outlet in lbs/acre/year	Catchments and Loading > Summarize Catchment Loadings
tp_mass	Double	Annual total phosphorus load across catchment in cell-lbs/year	Catchments and Loading > Summarize Catchment Loadings
tp_mass_lbs	Double	Annual total phosphorus load across catchment in lbs/year	Catchments and Loading > Summarize Catchment Loadings
tp_mass_lbs_acre	Double	Annual total phosphorus yield across catchment in lbs/acre/year	Catchments and Loading > Summarize Catchment Loadings
tp_mass_fl	Double	Annual total phosphorus load across catchment delivered to the catchment outlet in cell-lbs/year	Catchments and Loading > Summarize Catchment Loadings
tp_mass_fl_lbs	Double	Annual total phosphorus load across catchment delivered to the catchment outlet in lbs/year	Catchments and Loading > Summarize Catchment Loadings
tp_mass_fl_lbs_acre	Double	Annual total phosphorus yield across catchment delivered to the catchment outlet in lbs/acre/year	Catchments and Loading > Summarize Catchment Loadings
depth_2yr	Double	Mean runoff depth across catchment in inches for 2-year 24-hr rainfall event	Catchments and Loading > Summarize Catchment Loadings
depth_10yr	Double	Mean runoff depth across catchment in inches for 10-year 24-hr rainfall event	Catchments and Loading > Summarize Catchment Loadings
RO_vol_2yr	Double	Catchment runoff volume in cubic feet for 2-year 24-hr rainfall event	Catchments and Loading > Summarize Catchment Loadings
RO_vol_10yr	Double	Catchment runoff volume in cubic feet for 10-year 24-hr rainfall event	Catchments and Loading > Summarize Catchment Loadings
PeakQ_2yr	Double	Catchment peak discharge in cubic feet per second for 2-year 24-hr rainfall event	Catchments and Loading > Summarize Catchment Loadings
PeakQ_10yr	Double	Catchment peak discharge in cubic feet per second for 10-year 24-hr rainfall event	Catchments and Loading > Summarize Catchment Loadings

Table 7. Attribute table for table\_adj\_catchment.

table_adj_catchment			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Catchments and Loading > Sediment, TP and TN Channel Routing
adj_catch_id	Long Integer	Unique whole number ID for adjoint catchment	Catchments and Loading > Sediment, TP and TN Channel Routing
area	Double	Adjoint catchment area in square meters	Catchments and Loading > Sediment, TP and TN Channel Routing
cell_count	Long Integer	Number of raster cells within the adjoint catchment	Catchments and Loading > Sediment, TP and TN Channel Routing
Acres	Double	Adjoint catchment area in acres	Catchments and Loading > Sediment, TP and TN Channel Routing
wshed_min_tt	Double	Adjoint catchment minimum travel time in hours	Catchments and Loading > Sediment, TP and TN Channel Routing
sediment_sum	Double	Sum of sediment delivered to adjoint catchment outlet in tons	Catchments and Loading > Sediment, TP and TN Channel Routing
tn_sum	Double	Sum of total nitrogen delivered to adjoint catchment outlet in lbs	Catchments and Loading > Sediment, TP and TN Channel Routing
tp_sum	Double	Sum of total phosphorus delivered to adjoint catchment outlet in lbs	Catchments and Loading > Sediment, TP and TN Channel Routing

Table 8. Attribute table for table\_p\_res\_catchment.

table_p_res_catchment			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Catchments and Loading > Sediment, TP and TN Channel Routing
p_res_catch_ID	Long Integer	Unique whole number ID for priority resource catchment	Catchments and Loading > Sediment, TP and TN Channel Routing
area	Double	Priority resource catchment area in square meters	Catchments and Loading > Sediment, TP and TN Channel Routing
cell_count	Long Integer	Number of raster cells within the priority resource catchment	Catchments and Loading > Sediment, TP and TN Channel Routing
acres	Double	Priority resource catchment area in acres	Catchments and Loading > Sediment, TP and TN Channel Routing
wshed_min_tt	Double	Priority resource catchment minimum travel time in hours	Catchments and Loading > Sediment, TP and TN Channel Routing
sed_sum	Double	Sum of sediment delivered to priority resource catchment outlet in tons; includes impact of lake routing if applied	Catchments and Loading > Sediment, TP and TN Channel Routing
tn_sum	Double	Sum of total nitrogen delivered to priority resource catchment outlet in pounds; includes impact of lake routing if applied	Catchments and Loading > Sediment, TP and TN Channel Routing
tp_sum	Double	Sum of total phosphorus delivered to priority resource catchment outlet in pounds; includes impact of lake routing if applied	Catchments and Loading > Sediment, TP and TN Channel Routing
bl_sediment_sum	Double	OPTIONAL: Only generated when lake routing is applied; Sum of sediment delivered to priority resource catchment outlet in tons before lake routing was applied	Catchments and Loading > Sediment, TP and TN Channel Routing

table_p_res_catchment			
Field Name	Data Type	Description	Processed in
bl_tp_sum	Double	OPTIONAL: Only generated when lake routing is applied; Sum of total phosphorus delivered to priority resource catchment outlet in pounds	Catchments and Loading > Sediment, TP and TN Channel Routing
bl_tn_sum	Double	OPTIONAL: Only generated when lake routing is applied; Sum of total nitrogen delivered to priority resource catchment outlet in pounds	Catchments and Loading > Sediment, TP and TN Channel Routing

Table 9. Attribute table for table\_adj\_catchment\_route.

table_adj_catchment_route			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Catchments and Loading > Sediment, TP and TN Channel Routing
adj_catch_ID	Long Integer	Unique whole number ID for adjoint catchment	Catchments and Loading > Sediment, TP and TN Channel Routing
catch_ID	Long Integer	Unique whole number ID for catchment	Catchments and Loading > Sediment, TP and TN Channel Routing
c_acres	Double	Catchment area in acres	Catchments and Loading > Sediment, TP and TN Channel Routing
ac_min_tt	Double	Adjoint catchment minimum travel time in hours	Catchments and Loading > Sediment, TP and TN Channel Routing
c_min_tt	Double	Catchment minimum travel time in hours	Catchments and Loading > Sediment, TP and TN Channel Routing
delta_tt	Double	Channel travel time in hours between adjoint catchment and catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing
c_sed_mass_fl_tons	Double	Annual sediment load across catchment delivered to the catchment outlet in tons/year	Catchments and Loading > Sediment, TP and TN Channel Routing
c_tn_mass_fl_lbs	Double	Annual total nitrogen load across catchment delivered to the catchment outlet in lbs/year	Catchments and Loading > Sediment, TP and TN Channel Routing
c_tp_mass_fl_lbs	Double	Annual total phosphorus load across catchment delivered to the catchment outlet in lbs/year	Catchments and Loading > Sediment, TP and TN Channel Routing
ac_sed_delivery_ratio	Double	Ratio of sediment delivered from catchment outlet to sediment delivered to adjoint catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing
ac_sed_mass_tons	Double	Sediment mass in tons delivered from catchment outlet to adjoint catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing
ac_sed_mass_tons_acre	Double	Sediment yield in tons/acre delivered from catchment outlet to adjoint catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing
ac_tn_delivery_ratio	Double	Ratio of total nitrogen delivered from catchment outlet to total nitrogen delivered to adjoint catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing
ac_tn_mass_lbs	Double	Total nitrogen mass in lbs delivered from catchment outlet to adjoint catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing
ac_tn_mass_lbs_acre	Double	Total nitrogen yield in lbs/acre delivered from catchment outlet to adjoint catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing
ac_tp_delivery_ratio	Double	Ratio of total phosphorus delivered from catchment outlet to total phosphorus delivered to adjoint catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing

table_adj_catchment_route			
Field Name	Data Type	Description	Processed in
ac_tp_mass_lbs	Double	Total phosphorus mass in lbs delivered from catchment outlet to adjoint catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing
ac_tp_mass_lbs_acre	Double	Total phosphorus yield in lbs/acre delivered from catchment outlet to adjoint catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing

Table 10. Attribute table for table\_p\_res\_catchment\_route.

table_p_res_catchment_route			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
p_res_catch_ID	Long Integer	Unique whole number ID for priority resource catchment	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
catch_ID	Long Integer	Unique whole number ID for catchment	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
c_acres	Double	Catchment area in acres	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
pr_min_tt	Double	Priority resource catchment minimum travel time in hours	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
c_min_tt	Double	Catchment minimum travel time in hours	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
delta_tt	Double	Channel travel time in hours between priority resource catchment and catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
c_sed_mass_tons	Double	Annual sediment load across catchment in tons	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
c_tn_mass_lbs	Double	Annual total nitrogen load across catchment in lbs	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
c_tp_mass_lbs	Double	Annual total phosphorus load across catchment in lbs	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
c_sed_mass_fl_tons	Double	Annual sediment load across catchment delivered to the catchment outlet in tons	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
c_tn_mass_fl_lbs	Double	Annual total nitrogen load across catchment delivered to the catchment outlet in lbs	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
c_tp_mass_fl_lbs	Double	Annual total phosphorus load across catchment delivered to the catchment outlet in lbs	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
pr_sed_delivery_ratio	Double	Ratio of sediment delivered from catchment outlet to sediment delivered to priority resource catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
pr_sed_mass_tons	Double	Sediment mass in tons delivered from catchment outlet to priority resource catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing

**table\_p\_res\_catchment\_route**

<b>Field Name</b>	<b>Data Type</b>	<b>Description</b>	<b>Processed in</b>
pr_sed_mass_tons_acre	Double	Sediment yield in tons per acre delivered from catchment outlet to priority resource catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
pr_tn_delivery_ratio	Double	Ratio of total nitrogen delivered from catchment outlet to total nitrogen delivered to priority resource catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
pr_tn_mass_lbs	Double	Total nitrogen mass in lbs delivered from catchment outlet to priority resource catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
pr_tn_mass_lbs_acre	Double	Total nitrogen yield in lbs per acre delivered from catchment outlet to priority resource catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
pr_tp_delivery_ratio	Double	Ratio of total phosphorus delivered from catchment outlet to total phosphorus delivered to priority resource catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
pr_tp_mass_lbs	Double	Total phosphorus mass in lbs delivered from catchment outlet to priority resource catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
pr_tp_mass_lbs_acre	Double	Total phosphorus yield in lbs per acre delivered from catchment outlet to priority resource catchment outlet	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
L_Sed_A	Double	OPTIONAL: Only generated when lake routing is applied; Sediment load reaching the catchment outlet in tons after lake routing is applied	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
L_TP_A	Double	OPTIONAL: Only generated when lake routing is applied; TP load reaching the catchment outlet in tons after lake routing is applied	Catchments and Loading > Lake Routing
L_TN_A	Double	OPTIONAL: Only generated when lake routing is applied; TN load reaching the catchment outlet in tons after lake routing is applied	Catchments and Loading > Lake Routing
bl_c_sed_mass_tons	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Annual sediment load across catchment in tons	Catchments and Loading > Lake Routing
bl_c_tn_mass_lbs	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Annual total nitrogen load across catchment in lbs	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_c_tp_mass_lbs	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Annual total phosphorus load across catchment in lbs	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_c_sed_mass_fl_tons	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Annual sediment load across catchment delivered to the catchment outlet in tons	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_c_tn_mass_fl_lbs	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Annual total nitrogen load across catchment delivered to the catchment outlet in lbs	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_c_tp_mass_fl_lbs	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Annual total phosphorus load across catchment delivered to the catchment outlet in lbs	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_pr_sed_delivery_ratio	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Ratio of sediment delivered from catchment outlet to sediment delivered to priority resource catchment outlet before lake routing is applied	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing



**table\_p\_res\_catchment\_route**

<b>Field Name</b>	<b>Data Type</b>	<b>Description</b>	<b>Processed in</b>
bl_pr_sed_mass_tons	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Sediment mass in tons delivered from catchment outlet to priority resource catchment outlet before lake routing is applied	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_pr_sed_mass_tons_acre	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Sediment yield in tons per acre delivered from catchment outlet to priority resource catchment outlet before lake routing is applied	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_pr_tn_delivery_ratio	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Ratio of total nitrogen delivered from catchment outlet to total nitrogen delivered to priority resource catchment outlet before lake routing is applied	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_pr_tn_mass_lbs	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Total nitrogen mass in lbs delivered from catchment outlet to priority resource catchment outlet before lake routing is applied	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_pr_tn_mass_lbs_acre	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Total nitrogen yield in lbs per acre delivered from catchment outlet to priority resource catchment outlet before lake routing is applied	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_pr_tp_delivery_ratio	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Ratio of total phosphorus delivered from catchment outlet to total phosphorus delivered to priority resource catchment outlet before lake routing is applied	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_pr_tp_mass_lbs	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Total phosphorus mass in lbs delivered from catchment outlet to priority resource catchment outlet before lake routing is applied	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
bl_pr_tp_mass_lbs_acre	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; Total phosphorus yield in lbs per acre delivered from catchment outlet to priority resource catchment outlet before lake routing is applied	Catchments and Loading > Sediment, TP and TN Channel Routing & Lake Routing
sed_reduction_l	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; BMP sediment reduction from the catchment measured at the priority resource outlet after lake routing is applied	Catchments and Loading > Lake Routing
tp_reduction_l	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; BMP TP reduction from the catchment measured at the priority resource outlet after lake routing is applied	Catchments and Loading > Lake Routing
tn_reduction_l	Double	OPTIONAL: Only generated when lake routing is applied and reflect attribute values before lake routing was applied; BMP TN reduction from the catchment measured at the priority resource outlet after lake routing is applied	Catchments and Loading > Lake Routing



Table 11. Attribute table for Lakes\_route.

Lakes_route			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	N/A
Shape	Geometry	GIS feature shape	N/A
Lake_ID	Long Integer	Lake ID number	Required Input Created by User
Area_ac	Float	Lake polygon surface area [acres]	Required Input Created by User
Vol_acft	Float	Lake volume [acre-feet]	Catchments and Loading > Build Lake Routing Data
Depth_ft	Float	Mean lake depth [feet]	Catchments and Loading > Build Lake Routing Data
DA_ac	Float	Drainage area to lake [acre-feet]	Catchments and Loading > Build Lake Routing Data
Runoff_ft_yr	Float	Annual runoff depth delivered to the lake [feet/year]	Catchments and Loading > Build Lake Routing Data
HRT_yrs	Float	Lake hydraulic residence time [years]	Catchments and Loading > Build Lake Routing Data
SQ2_10	Float	reduction in sediment delivered to lake (fraction from 0 - 1)	Catchments and Loading > Build Lake Routing Data
PQ2_10	Float	reduction in total phosphorus delivered to lake (fraction from 0 - 1)	Catchments and Loading > Build Lake Routing Data
NQ2_10	Float	reduction in total nitrogen delivered to lake (fraction from 0 - 1)	Catchments and Loading > Build Lake Routing Data
L_SQ2_10	Float	sediment reduction at lake outlet (tons/year)	Catchments and Loading > Build Lake Routing Data
L_PQ2_10	Float	Total phosphorus reduction at the lake outlet (pounds/year)	Catchments and Loading > Build Lake Routing Data
L_NQ2_10	Float	Total nitrogen reduction at the lake outlet (pounds/year)	Catchments and Loading > Build Lake Routing Data
sediment_sum	Float	Sediment at the BMP that will be delivered to the catchment outlet, tons	Catchments and Loading > Build Lake Routing Data
tn_sum	Float	Total phosphorus at the BMP that will be delivered to a catchment outlet, pounds	Catchments and Loading > Build Lake Routing Data
tp_sum	Float	Total nitrogen at the BMP that will be delivered to a catchment outlet, pounds	Catchments and Loading > Build Lake Routing Data
Shape_Leng	Double	Length of feature in internal units	Catchments and Loading > Build Lake Routing Data
Shape_Area	Double	Area of feature in internal units squared	Catchments and Loading > Build Lake Routing Data

Table 12. Attribute table for scaledload\_point.

scaledload_point			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Catchments and Loading > Scaled Loads
SHAPE	Geometry	Feature geometry	Catchments and Loading > Scaled Loads
scaledload_point_ID	Long Integer	Unique whole number ID for load scaling point, determined by user	Catchments and Loading > Scaled Loads
Name	Text	Name of load scaling point	Catchments and Loading > Scaled Loads
Sed_gauge	Double	Total annual sediment load at water quality gauge in tons/year	Catchments and Loading > Scaled Loads
tp_gauge	Double	Total annual TP load at water quality gauge in lbs/year	Catchments and Loading > Scaled Loads

scaledload_point			
Field Name	Data Type	Description	Processed in
tn_gauge	Double	Total annual TN load at water quality gauge in lbs/year	Catchments and Loading > Scaled Loads

Table 13. Attribute table for table\_scaled\_load.

table_scaled_load			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Catchments and Loading > Scaled Loads
catch_ID	Long Integer	Unique whole number ID for catchment	Catchments and Loading > Scaled Loads
sed_sload_fl	Double	Scaling load for sediment in tons	Catchments and Loading > Scaled Loads
tp_sload_fl	Double	Scaling load for total phosphorus in pounds	Catchments and Loading > Scaled Loads
tn_sload_fl	Double	Scaling load for total nitrogen in pounds	Catchments and Loading > Scaled Loads
sed_scale_ratio	Double	scale function for sediment delivered to catchment/flowline	Catchments and Loading > Scaled Loads
tp_scale_ratio	Double	scale function for TP delivered to catchment/flowline	Catchments and Loading > Scaled Loads
tn_scale_ratio	Double	scale function for TN deliver to catchment/flowline	Catchments and Loading > Scaled Loads

Table 14. Attribute table for table\_r\_catchment.

table_r_catchment			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Ranking > Delivered to the Catchment Outlet
catch_ID	Long Integer	Unique whole number ID for catchment	Ranking > Delivered to the Catchment Outlet
sed_mass_Rank	Double	Rank of annual sediment yield across the catchment relative to all catchments	Ranking > Delivered to the Catchment Outlet
tn_mass_Rank	Double	Rank of annual total nitrogen yield across the catchment relative to all catchments	Ranking > Delivered to the Catchment Outlet
tp_mass_Rank	Double	Rank of annual total phosphorus yield across the catchment relative to all catchments	Ranking > Delivered to the Catchment Outlet
sed_mass_fl_Rank	Double	Rank of annual sediment yield delivered to the catchment outlet relative to all catchments	Ranking > Delivered to the Catchment Outlet
tn_mass_fl_Rank	Double	Rank of annual total nitrogen yield delivered to the catchment outlet relative to all catchments	Ranking > Delivered to the Catchment Outlet
tp_mass_fl_Rank	Double	Rank of annual total phosphorus yield delivered to the catchment outlet relative to all catchments	Ranking > Delivered to the Catchment Outlet
wqi_mass	Double	Rank of Water Quality Index based on sediment, total nitrogen, and total phosphorus yield across the catchment relative to all catchments	Ranking > Delivered to the Catchment Outlet
wqi_mass_fl	Double	Rank of Water Quality Index based on sediment, total nitrogen, and total phosphorus yield delivered to the catchment relative to all catchments	Ranking > Delivered to the Catchment Outlet

Table 15. Attribute table for table\_r\_p\_res\_catchment.

table_r_p_res_catchment			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Ranking > Priority Resource Delivery
p_res_ID	Long Integer	Unique whole number ID for priority resource catchment	Ranking > Priority Resource Delivery
catch_ID	Long Integer	Unique whole number ID for catchment	Ranking > Priority Resource Delivery
c_acres	Double	Catchment area in acres	Ranking > Priority Resource Delivery
sed_mass_rank	Double	Rank of annual sediment yield across the catchment relative to all catchments	Ranking > Priority Resource Delivery
tn_mass_rank	Double	Rank of annual total nitrogen yield across the catchment relative to all catchments	Ranking > Priority Resource Delivery
tp_mass_rank	Double	Rank of annual total phosphorus yield across the catchment relative to all catchments	Ranking > Priority Resource Delivery
sed_mass_fl_rank	Double	Rank of annual sediment yield delivered to the catchment outlet relative to all catchments	Ranking > Priority Resource Delivery
tn_mass_fl_rank	Double	Rank of annual total nitrogen yield delivered to the catchment outlet relative to all catchments	Ranking > Priority Resource Delivery
tp_mass_fl_rank	Double	Rank of annual total phosphorus yield delivered to the catchment outlet relative to all catchments	Ranking > Priority Resource Delivery
sed_mass_pr_rank	Double	Rank of annual sediment yield delivered to the priority resource point catchment outlet relative to all priority resource catchments	Ranking > Priority Resource Delivery
tn_mass_pr_rank	Double	Rank of annual total nitrogen yield delivered to the priority resource point catchment outlet relative to all priority resource catchments	Ranking > Priority Resource Delivery
tp_mass_pr_rank	Double	Rank of annual total phosphorus yield delivered to the priority resource point catchment outlet relative to all priority resource catchments	Ranking > Priority Resource Delivery
wqi_mass	Double	Rank of Water Quality Index based on sediment, total nitrogen, and total phosphorus yield across the catchment relative to all catchments	Ranking > Priority Resource Delivery
wqi_mass_fl	Double	Rank of Water Quality Index based on sediment, total nitrogen, and total phosphorus yield delivered to the catchment outlet relative to all catchments	Ranking > Priority Resource Delivery
wqi_mass_pr	Double	Rank of Water Quality Index based on sediment, total nitrogen, and total phosphorus yield delivered to the priority resource catchment outlet relative to all priority resource catchments	Ranking > Priority Resource Delivery

Table 16. Attribute table for user\_rank\_weight.

user_rank_weight			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Provided by User; Ranking > Custom Weighting
SHAPE	Geometry	Feature geometry	Provided by User; Ranking > Custom Weighting
usr_rank_ID	Long Integer	Unique whole number ID for user rank area, determined by user	Provided by User; Ranking > Custom Weighting
rank_value	Double	User ranking value ranging from 0 to 1	Provided by User; Ranking > Custom Weighting
SHAPE_Length	Double	Length of feature in internal units	Provided by User; Ranking > Custom Weighting
SHAPE_Area	Double	Area of feature in internal units squared	Provided by User; Ranking > Custom Weighting

Table 17. Attribute table for bmp\_null.

bmp_null			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Provided by User; BMP Suitability > Excluded Areas
SHAPE	Geometry	Feature geometry	Provided by User; BMP Suitability > Excluded Areas
bmp_null_ID	Long Integer	Unique whole number ID for BMP exclusion area, determined by user	Provided by User; BMP Suitability > Excluded Areas
d_null	Short Integer	Records set equal to 0 will be used to exclude areas for BMP potential. All other values in this field should be set = 1.	Provided by User; BMP Suitability > Excluded Areas
SHAPE_Length	Double	Length of feature in internal units	Provided by User; BMP Suitability > Excluded Areas
SHAPE_Area	Double	Area of feature in internal units squared	Provided by User; BMP Suitability > Excluded Areas

Table 18. Attribute table for biofiltration.

biofiltration			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	BMP Suitability > BMP Suitability
SHAPE	Geometry	Feature geometry	BMP Suitability > BMP Suitability
gridcode	Long Integer	Equivalent to 'BMP_ID'	BMP Suitability > BMP Suitability
wtsArea_ft	Float	Area draining to BMP in square-feet	BMP Suitability > BMP Suitability
BMP_ID	Long Integer	ID provided to each BMP	BMP Suitability > BMP Suitability
catch_ID	Long Integer	Catchment ID BMP is within	BMP Suitability > BMP Suitability
unq_BMP_ID	Text	Unique whole number ID created by combining treatment group code, catchment ID, and treatment group ID; BMP_ID " " catch_id " " grp_code	BMP Suitability > BMP Suitability
grp_code	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	BMP Suitability > BMP Suitability
T_Volume	Float	velocity of water treated by BMP, ft/sec	Benefits Analysis > Reduction Ratio
CN_Wtsh	Float	Mean CN of area contributing to practice	Benefits Analysis > Reduction Ratio
S_Wtsh	Float	S value of area contributing to practice	Benefits Analysis > Reduction Ratio
la_Wtsh	Float	Initial abstraction of area contributing to practice	Benefits Analysis > Reduction Ratio
Zin_2yr24h	Float	excess runoff depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Zin_10yr24	Float	excess runoff depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_10yr24	Float	precipitation depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_2yr24h	Float	precipitation depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
D_2yr24hr	Float	velocity of water delivered for 2 year, 24 hour precipitation event (feet/sec)	Benefits Analysis > Reduction Ratio

biofiltration			
Field Name	Data Type	Description	Processed in
D_10yr24hr	Float	velocity of water delivered for 10 year, 24 hour precipitation event (feet/sec)	Benefits Analysis > Reduction Ratio
R_10yr24hr	Float	Reduction ratio for 10 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
R_2yr24hr	Float	Reduction ratio for 2 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
SedCat_tn	Float	Sediment at the BMP that will be delivered to the catchment outlet, tons	Benefits Analysis > Estimate Load Reductions
tpCat_lbs	Float	Total phosphorus at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
tnCat_lbs	Float	Total nitrogen at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
SQ2_10	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_10	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_10	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_10	Float	Minimum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_10	Float	Maximum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_10	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_10	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_10	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_10	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_10	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_10	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
R_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point

biofiltration			
Field Name	Data Type	Description	Processed in
R_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
C_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions

biofiltration			
Field Name	Data Type	Description	Processed in
C_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
SQ2_02	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_02	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_02	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_02	Float	Minimum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_02	Float	Maximum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_02	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_02	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_02	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_02	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency



biofiltration			
Field Name	Data Type	Description	Processed in
NQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_02	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_02	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
C_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
R_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point

biofiltration			
Field Name	Data Type	Description	Processed in
R_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
Shape_Leng	Double	Length of feature in internal units	BMP Suitability > BMP Suitability
Shape_Area	Double	Area of feature in internal units squared	BMP Suitability > BMP Suitability
theacres	Double	BMP practice area (acres)	BMP Suitability > BMP Suitability

Table 19. Attribute table for filtration.

filtration			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	BMP Suitability > BMP Suitability
SHAPE	Geometry	Feature geometry	BMP Suitability > BMP Suitability

filtration			
Field Name	Data Type	Description	Processed in
gridcode	Long Integer	Equivalent to 'BMP_ID'	BMP Suitability > BMP Suitability
wtsArea_ft	Float	Area draining to BMP in square-feet	BMP Suitability > BMP Suitability
BMP_ID	Long Integer	ID provided to each BMP	BMP Suitability > BMP Suitability
catch_ID	Long Integer	Catchment ID BMP is within	BMP Suitability > BMP Suitability
unq_BMP_ID	Text	Unique whole number ID created by combining treatment group code, catchment ID, and treatment group ID; BMP_ID "_" catch_id "_" grp_code	BMP Suitability > BMP Suitability
grp_code	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	BMP Suitability > BMP Suitability
T_Volume	Float	velocity of water treated by BMP, ft/sec	Benefits Analysis > Reduction Ratio
CN_Wtsh	Float	Mean CN of area contributing to practice	Benefits Analysis > Reduction Ratio
S_Wtsh	Float	S value of area contributing to practice	Benefits Analysis > Reduction Ratio
la_Wtsh	Float	Initial abstraction of area contributing to practice	Benefits Analysis > Reduction Ratio
Zin_2yr24h	Float	excess runoff depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Zin_10yr24	Float	excess runoff depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_10yr24	Float	precipitation depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_2yr24h	Float	precipitation depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
D_2yr24hr	Float	velocity of water delivered for 2 year, 24 hour precipitation event (feet/sec)	Benefits Analysis > Reduction Ratio
D_10yr24hr	Float	velocity of water delivered for 10 year, 24 hour precipitation event (feet/sec)	Benefits Analysis > Reduction Ratio
R_10yr24hr	Float	Reduction ratio for 10 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
R_2yr24hr	Float	Reduction ratio for 2 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
SedCat_tn	Float	Sediment at the BMP that will be delivered to the catchment outlet, tons	Benefits Analysis > Estimate Load Reductions
tpCat_lbs	Float	Total phosphorus at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
tnCat_lbs	Float	Total nitrogen at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
SQ2_10	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_10	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_10	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_10	Float	Minimum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_10	Float	Maximum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_10	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency

filtration			
Field Name	Data Type	Description	Processed in
PQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_10	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_10	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_10	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_10	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_10	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
R_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point

filtration			
Field Name	Data Type	Description	Processed in
R_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
C_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
SQ2_02	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_02	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency

filtration			
Field Name	Data Type	Description	Processed in
SQ3_02	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_02	Float	Minimum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_02	Float	Maximum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_02	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_02	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_02	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_02	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_02	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_02	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
C_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions



filtration			
Field Name	Data Type	Description	Processed in
C_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
R_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point



filtration			
Field Name	Data Type	Description	Processed in
R_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
Shape_Leng	Double	Length of feature in internal units	BMP Suitability > BMP Suitability
Shape_Area	Double	Area of feature in internal units squared	BMP Suitability > BMP Suitability
theacres	Double	BMP practice area (acres)	BMP Suitability > BMP Suitability

Table 20. Attribute table for infiltration.

infiltration			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	BMP Suitability > BMP Suitability
SHAPE	Geometry	Feature geometry	BMP Suitability > BMP Suitability
gridcode	Long Integer	Equivalent to 'BMP_ID'	BMP Suitability > BMP Suitability
wtsArea_ft	Float	Area draining to BMP in square-feet	BMP Suitability > BMP Suitability
BMP_ID	Long Integer	ID provided to each BMP	BMP Suitability > BMP Suitability
catch_ID	Long Integer	Catchment ID BMP is within	BMP Suitability > BMP Suitability
unq_BMP_ID	Text	Unique whole number ID created by combining treatment group code, catchment ID, and treatment group ID; BMP_ID " " catch_id " " grp_code	BMP Suitability > BMP Suitability
grp_code	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	BMP Suitability > BMP Suitability
T_Volume	Float	volume of water treated by BMP in cubic-feet	Benefits Analysis > Reduction Ratio
CN_Wtsh	Float	Mean CN of area contributing to practice	Benefits Analysis > Reduction Ratio
S_Wtsh	Float	S value of area contributing to practice	Benefits Analysis > Reduction Ratio
la_Wtsh	Float	Initial abstraction of area contributing to practice	Benefits Analysis > Reduction Ratio
Zin_2yr24h	Float	excess runoff depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Zin_10yr24	Float	excess runoff depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_10yr24	Float	precipitation depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_2yr24h	Float	precipitation depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
D_2yr24hr	Float	volume of water delivered for 2 year, 24 hour precipitation event (cubic-feet)	Benefits Analysis > Reduction Ratio
D_10yr24hr	Float	volume of water delivered for 10 year, 24 hour precipitation event (cubic-feet)	Benefits Analysis > Reduction Ratio
R_10yr24hr	Float	Reduction ratio for 10 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
R_2yr24hr	Float	Reduction ratio for 2 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
SedCat_tn	Float	Sediment at the BMP that will be delivered to the catchment outlet, tons	Benefits Analysis > Estimate Load Reductions

infiltration			
Field Name	Data Type	Description	Processed in
tpCat_lbs	Float	Total phosphorus at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
tnCat_lbs	Float	Total nitrogen at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
SQ2_10	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_10	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_10	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_10	Float	Minimum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_10	Float	Maximum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_10	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_10	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_10	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_10	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_10	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_10	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
R_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point

infiltration			
Field Name	Data Type	Description	Processed in
R_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
C_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions

infiltration			
Field Name	Data Type	Description	Processed in
C_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
SQ2_02	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_02	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_02	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_02	Float	Minimum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_02	Float	Maximum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_02	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_02	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_02	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_02	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_02	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_02	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
C_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions

infiltration			
Field Name	Data Type	Description	Processed in
C_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
R_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point

infiltration			
Field Name	Data Type	Description	Processed in
R_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
Shape_Leng	Double	Length of feature in internal units	BMP Suitability > BMP Suitability
Shape_Area	Double	Area of feature in internal units squared	BMP Suitability > BMP Suitability
theacres	Double	BMP practice area (acres)	BMP Suitability > BMP Suitability

Table 21. Attribute table for protection.

protection			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	BMP Suitability > BMP Suitability
SHAPE	Geometry	Feature geometry	BMP Suitability > BMP Suitability
gridcode	Long Integer	Equivalent to 'BMP_ID'	BMP Suitability > BMP Suitability
wtsArea_ft	Float	Area draining to BMP in square-feet	BMP Suitability > BMP Suitability
BMP_ID	Long Integer	ID provided to each BMP	BMP Suitability > BMP Suitability
catch_ID	Long Integer	Catchment ID BMP is within	BMP Suitability > BMP Suitability
unq_BMP_ID	Text	Unique whole number ID created by combining treatment group code, catchment ID, and treatment group ID; BMP_ID " " catch_id " " grp_code	BMP Suitability > BMP Suitability
grp_code	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	BMP Suitability > BMP Suitability
T_Volume	Float	volume of water treated by BMP in cubic-feet	Benefits Analysis > Reduction Ratio
CN_Wtsh	Float	Mean CN of area contributing to practice	Benefits Analysis > Reduction Ratio



protection			
Field Name	Data Type	Description	Processed in
S_Wtsh	Float	S value of area contributing to practice	Benefits Analysis > Reduction Ratio
Ia_Wtsh	Float	Initial abstraction of area contributing to practice	Benefits Analysis > Reduction Ratio
Zin_2yr24h	Float	excess runoff depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Zin_10yr24	Float	excess runoff depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_10yr24	Float	precipitation depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_2yr24h	Float	precipitation depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
D_2yr24hr	Float	volume of water delivered for 2 year, 24 hour precipitation event (cubic-feet)	Benefits Analysis > Reduction Ratio
D_10yr24hr	Float	volume of water delivered for 10 year, 24 hour precipitation event (cubic-feet)	Benefits Analysis > Reduction Ratio
R_10yr24hr	Float	Reduction ratio for 10 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
R_2yr24hr	Float	Reduction ratio for 2 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
SedCat_tn	Float	Sediment at the BMP that will be delivered to the catchment outlet, tons	Benefits Analysis > Estimate Load Reductions
tpCat_lbs	Float	Total phosphorus at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
tnCat_lbs	Float	Total nitrogen at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
SQ2_10	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_10	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_10	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_10	Float	Minimum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_10	Float	Maximum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_10	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_10	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_10	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_10	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency



protection			
Field Name	Data Type	Description	Processed in
Nmin_10	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_10	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
R_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
C_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions

protection			
Field Name	Data Type	Description	Processed in
C_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
SQ2_02	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_02	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_02	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_02	Float	Minimum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_02	Float	Maximum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_02	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_02	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency

protection			
Field Name	Data Type	Description	Processed in
Pmax_02	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_02	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_02	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_02	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
C_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions

protection			
Field Name	Data Type	Description	Processed in
C_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
R_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
Shape_Leng	Double	Length of feature in internal units	BMP Suitability > BMP Suitability
Shape_Area	Double	Area of feature in internal units squared	BMP Suitability > BMP Suitability
theacres	Double	BMP practice area (acres)	BMP Suitability > BMP Suitability

Table 22. Attribute table for storage.

storage			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	BMP Suitability > BMP Suitability
SHAPE	Geometry	Feature geometry	BMP Suitability > BMP Suitability
gridcode	Long Integer	Equivalent to 'BMP_ID'	BMP Suitability > BMP Suitability
wtsArea_ft	Float	Area draining to BMP in square-feet	BMP Suitability > BMP Suitability
BMP_ID	Long Integer	ID provided to each BMP	BMP Suitability > BMP Suitability
catch_ID	Long Integer	Catchment ID BMP is within	BMP Suitability > BMP Suitability
unq_BMP_ID	Text	Unique whole number ID created by combining treatment group code, catchment ID, and treatment group ID; BMP_ID " " catch_id " " grp_code	BMP Suitability > BMP Suitability
grp_code	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	BMP Suitability > BMP Suitability
T_Volume	Float	volume of water treated by BMP in cubic-feet	Benefits Analysis > Reduction Ratio
CN_Wtsh	Float	Mean CN of area contributing to practice	Benefits Analysis > Reduction Ratio
S_Wtsh	Float	S value of area contributing to practice	Benefits Analysis > Reduction Ratio
Ia_Wtsh	Float	Initial abstraction of area contributing to practice	Benefits Analysis > Reduction Ratio
Zin_2yr24h	Float	excess runoff depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Zin_10yr24	Float	excess runoff depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_10yr24	Float	precipitation depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_2yr24h	Float	precipitation depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
D_2yr24hr	Float	volume of water delivered for 2 year, 24 hour precipitation event (cubic-feet)	Benefits Analysis > Reduction Ratio
D_10yr24hr	Float	volume of water delivered for 10 year, 24 hour precipitation event (cubic-feet)	Benefits Analysis > Reduction Ratio
R_10yr24hr	Float	Reduction ratio for 10 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
R_2yr24hr	Float	Reduction ratio for 2 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
SedCat_tn	Float	Sediment at the BMP that will be delivered to the catchment outlet, tons	Benefits Analysis > Estimate Load Reductions
tpCat_lbs	Float	Total phosphorus at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
tnCat_lbs	Float	Total nitrogen at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
SQ2_10	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_10	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_10	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_10	Float	Minimum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_10	Float	Maximum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency

storage			
Field Name	Data Type	Description	Processed in
PQ2_10	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_10	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_10	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_10	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_10	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_10	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
R_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point



storage			
Field Name	Data Type	Description	Processed in
R_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
C_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions



storage			
Field Name	Data Type	Description	Processed in
SQ2_02	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_02	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_02	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_02	Float	Minimum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_02	Float	Maximum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_02	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_02	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_02	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_02	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_02	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_02	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
C_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions

storage			
Field Name	Data Type	Description	Processed in
C_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
R_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point

storage			
Field Name	Data Type	Description	Processed in
R_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
Shape_Leng	Double	Length of feature in internal units	BMP Suitability > BMP Suitability
Shape_Area	Double	Area of feature in internal units squared	BMP Suitability > BMP Suitability
theacres	Double	BMP practice area (acres)	BMP Suitability > BMP Suitability

Table 23. Attribute table for sourcereduction.

sourcereduction			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	BMP Suitability > BMP Suitability
SHAPE	Geometry	Feature geometry	BMP Suitability > BMP Suitability
gridcode	Long Integer	Equivalent to 'BMP_ID'	BMP Suitability > BMP Suitability
wtsArea_ft	Float	Area draining to BMP in square-feet	BMP Suitability > BMP Suitability
BMP_ID	Long Integer	ID provided to each BMP	BMP Suitability > BMP Suitability
catch_ID	Long Integer	Catchment ID BMP is within	BMP Suitability > BMP Suitability
unq_BMP_ID	Text	Unique whole number ID created by combining treatment group code, catchment ID, and treatment group ID; BMP_ID "_" catch_id "_" grp_code	BMP Suitability > BMP Suitability
grp_code	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	BMP Suitability > BMP Suitability
T_Volume	Float	volume of water treated by BMP in cubic-feet	Benefits Analysis > Reduction Ratio
CN_Wtsh	Float	Mean CN of area contributing to practice	Benefits Analysis > Reduction Ratio
S_Wtsh	Float	S value of area contributing to practice	Benefits Analysis > Reduction Ratio
Ia_Wtsh	Float	Initial abstraction of area contributing to practice	Benefits Analysis > Reduction Ratio
Zin_2yr24h	Float	excess runoff depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Zin_10yr24	Float	excess runoff depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_10yr24	Float	precipitation depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
Pin_2yr24h	Float	precipitation depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Reduction Ratio
D_2yr24hr	Float	volume of water delivered for 2 year, 24 hour precipitation event (cubic-feet)	Benefits Analysis > Reduction Ratio
D_10yr24hr	Float	volume of water delivered for 10 year, 24 hour precipitation event (cubic-feet)	Benefits Analysis > Reduction Ratio

sourcereduction			
Field Name	Data Type	Description	Processed in
R_10yr24hr	Float	Reduction ratio for 10 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
R_2yr24hr	Float	Reduction ratio for 2 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Reduction Ratio
SedCat_tn	Float	Sediment at the BMP that will be delivered to the catchment outlet, tons	Benefits Analysis > Estimate Load Reductions
tpCat_lbs	Float	Total phosphorus at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
tnCat_lbs	Float	Total nitrogen at the BMP that will be delivered to the catchment outlet, pounds	Benefits Analysis > Estimate Load Reductions
SQ2_10	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_10	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_10	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_10	Float	Minimum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_10	Float	Maximum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_10	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_10	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_10	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_10	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_10	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmax_10	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Reduction Efficiency
R_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point

sourcereduction			
Field Name	Data Type	Description	Processed in
R_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
C_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions

sourcereduction			
Field Name	Data Type	Description	Processed in
C_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
SQ2_02	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ1_02	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
SQ3_02	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smin_02	Float	Minimum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Smax_02	Float	Maximum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ2_02	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
PQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmin_02	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Pmax_02	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ2_02	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
NQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
Nmin_02	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency



sourcereduction			
Field Name	Data Type	Description	Processed in
Nmax_02	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Reduction Efficiency
C_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Estimate Load Reductions
C_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Estimate Load Reductions
R_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point



sourcereduction			
Field Name	Data Type	Description	Processed in
R_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	See 'table_ba_load_red' for results at each resource point
R_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	See 'table_ba_load_red' for results at each resource point
Shape_Leng	Double	Length of feature in internal units	BMP Suitability > BMP Suitability
Shape_Area	Double	Area of feature in internal units squared	BMP Suitability > BMP Suitability
theacres	Double	BMP practice area (acres)	BMP Suitability > BMP Suitability

Table 24. Attribute table for table\_treat.

table_treat			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Part of base.gdb
BMP_Group	Text	BMP treatment group name	Part of base.gdb
GrpCode	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	Part of base.gdb
Sed_Q1	Double	Lower bound quartile range of sediment reduction efficiency	Part of base.gdb
Sed_Q2	Double	median of sediment reduction efficiency	Part of base.gdb
Sed_Q3	Double	Upper bound quartile range of sediment reduction efficiency	Part of base.gdb
Sed_min	Double	Minimum sediment reduction efficiency	Part of base.gdb
Sed_max	Double	Maximum sediment reduction efficiency	Part of base.gdb

table_treat			
Field Name	Data Type	Description	Processed in
Sed_k	Double	Decay parameter estimated from sediment efficiency statistics	Part of base.gdb
SedStud	Double	Number of studies associated with the efficiency statistics	Part of base.gdb
SedSites	Double	Number of sites investigated by the studies of efficiency	Part of base.gdb
Source	Text	Types of practices used in developing the efficiency statistics	Part of base.gdb
Edited	Text	Date of last update to statistics	Part of base.gdb
Tp_Q1	Double	Lower bound quartile range of total phosphorus reduction efficiency	Part of base.gdb
Tp_Q2	Double	median of total phosphorus reduction efficiency	Part of base.gdb
TP_Q3	Double	Upper bound quartile range of total phosphorus reduction efficiency	Part of base.gdb
TP_min	Double	Minimum total phosphorus reduction efficiency	Part of base.gdb
Tp_max	Double	Maximum total phosphorus reduction efficiency	Part of base.gdb
TP_k	Double	Decay parameter estimated from total phosphorus efficiency statistics	Part of base.gdb
TPStud	Double	Number of studies associated with the efficiency statistics	Part of base.gdb
TPSites	Double	Number of sites investigated by the studies of efficiency	Part of base.gdb
Source1	Text	Types of practices used in developing the efficiency statistics	Part of base.gdb
Edited1	Text	Date of last update to statistics	Part of base.gdb
TN_Q1	Double	Lower bound quartile range of total nitrogen reduction efficiency	Part of base.gdb
TN_Q2	Double	median of total nitrogen reduction efficiency	Part of base.gdb
TN_Q3	Double	Upper bound quartile range of total nitrogen reduction efficiency	Part of base.gdb
TN_min	Double	Minimum total nitrogen reduction efficiency	Part of base.gdb
TN_max	Double	Maximum total nitrogen reduction efficiency	Part of base.gdb
TN_k	Double	Decay parameter estimated from total nitrogen efficiency statistics	Part of base.gdb
TNStud	Double	Number of studies associated with the efficiency statistics	Part of base.gdb
Tnsites	Double	Number of sites investigated by the studies of efficiency	Part of base.gdb
Source2	Text	Types of practices used in developing the efficiency statistics	Part of base.gdb
Edited2	Text	Date of last update to statistics	Part of base.gdb

Table 25. Attribute table for table\_ba\_bmp\_all.

table_ba_bmp_all			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Benefits Analysis > Generate Benefits Tables
wtsArea_ft	Float	watershed area of BMP in sq-ft	Benefits Analysis > Generate Benefits Tables
BMP_ID	Long Integer	Unique whole number ID created by combining treatment group code, catchment ID, and treatment group ID.	Benefits Analysis > Generate Benefits Tables
catch_ID	Long Integer	Catchment ID BMP is within	Benefits Analysis > Generate Benefits Tables
unq_BMP_ID	Text	BMP_ID " " catch_id " " grp_code	Benefits Analysis > Generate Benefits Tables

table\_ba\_bmp\_all

Field Name	Data Type	Description	Processed in
grp_code	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	Benefits Analysis > Generate Benefits Tables
T_Volume	Float	volume of water treated by BMP in cubic-feet	Benefits Analysis > Generate Benefits Tables
CN_Wtsh	Float	Mean CN of area contributing to practice	Benefits Analysis > Generate Benefits Tables
S_Wtsh	Float	S value of area contributing to practice	Benefits Analysis > Generate Benefits Tables
la_Wtsh	Float	Initial abstraction of area contributing to practice	Benefits Analysis > Generate Benefits Tables
Zin_2yr24h	Float	excess runoff depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Generate Benefits Tables
Zin_10yr24	Float	excess runoff depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Generate Benefits Tables
Pin_10yr24	Float	precipitation depth (inches) for 10 year, 24 hour precipitation event	Benefits Analysis > Generate Benefits Tables
Pin_2yr24h	Float	precipitation depth (inches) for 2 year, 24 hour precipitation event	Benefits Analysis > Generate Benefits Tables
D_2yr24hr	Float	volume of water delivered for 2 year, 24 hour precipitation event (cubic-feet)	Benefits Analysis > Generate Benefits Tables
D_10yr24hr	Float	volume of water delivered for 10 year, 24 hour precipitation event (cubic-feet)	Benefits Analysis > Generate Benefits Tables
R_10yr24hr	Float	Reduction ratio for 10 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Generate Benefits Tables
R_2yr24hr	Float	Reduction ratio for 2 year, 24 hour event (must be between 0 - 1)	Benefits Analysis > Generate Benefits Tables
SedCat_tn	Float	Sediment at the BMP that will be delivered to the catchment outlet, tons	Benefits Analysis > Generate Benefits Tables
tpCat_lbs	Float	Phosphorus at the BMP that will be delivered to a catchment outlet, pounds	Benefits Analysis > Generate Benefits Tables
tnCat_lbs	Float	Nitrogen at the BMP that will be delivered to a catchment outlet, pounds	Benefits Analysis > Generate Benefits Tables
SQ2_10	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
SQ1_10	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
SQ3_10	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Smin_10	Float	Minimum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Smax_10	Float	Maximum reduction fraction for sediment in tons at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
PQ2_10	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
PQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
PQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Pmin_10	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Pmax_10	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables

**table\_ba\_bmp\_all**

<b>Field Name</b>	<b>Data Type</b>	<b>Description</b>	<b>Processed in</b>
NQ2_10	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
NQ1_10	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
NQ3_10	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Nmin_10	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Nmax_10	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 10 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
C_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables
C_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
C_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
C_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
C_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
C_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables
C_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
C_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
C_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
C_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
C_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables
C_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
C_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
C_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
C_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables

table\_ba\_bmp\_all

Field Name	Data Type	Description	Processed in
SQ2_02	Float	Median (Q2) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
SQ1_02	Float	Lower bound quartile range (Q1) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
SQ3_02	Float	Upper bound quartile range (Q3) reduction fraction in tons for sediment at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Smin_02	Float	Minimum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Smax_02	Float	Maximum reduction fraction for sediment in tons at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
PQ2_02	Float	Median (Q2) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
PQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
PQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Pmin_02	Float	Minimum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Pmax_02	Float	Maximum reduction fraction for total phosphorus in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
NQ2_02	Float	Median (Q2) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
NQ1_02	Float	Lower bound quartile range (Q1) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
NQ3_02	Float	Upper bound quartile range (Q3) reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Nmin_02	Float	Minimum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
Nmax_02	Float	Maximum reduction fraction for total nitrogen in pounds at BMP based upon 2 year, 24 hour event	Benefits Analysis > Generate Benefits Tables
C_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables
C_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
C_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
C_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
C_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
C_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables

table_ba_bmp_all			
Field Name	Data Type	Description	Processed in
C_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
C_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
C_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
C_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
C_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables
C_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
C_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
C_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
C_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
theacres	Float	BMP practice area (acres)	Benefits Analysis > Generate Benefits Tables
Shape_Leng	Double	Length of feature in internal units	Benefits Analysis > Generate Benefits Tables
Shape_Area	Double	Area of feature in internal units squared	Benefits Analysis > Generate Benefits Tables
BMP_tot_cost	Float	BMP cost in dollars as specified in Cost Analysis	Cost Analysis
BMP_area_AC	Float	BMP area in units of BMP type	Cost Analysis

Table 26. Attribute table for table\_ba\_load\_red.

table_ba_load_red			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Benefits Analysis > Generate Benefits Tables
BMP_ID	Long Integer	Unique whole number ID created by combining treatment group code, catchment ID, and treatment group ID.	Benefits Analysis > Generate Benefits Tables
catch_ID	Long Integer	Unique whole number ID for catchment	Benefits Analysis > Generate Benefits Tables
unq_BMP_ID	text	BMP_ID "-" catch_id "-" grp_code	Benefits Analysis > Generate Benefits Tables
grp_code	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	Benefits Analysis > Generate Benefits Tables
R_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables



table\_ba\_load\_red

Field Name	Data Type	Description	Processed in
R_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
R_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
R_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
R_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
R_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables
R_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
R_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
R_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
R_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
R_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables
R_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
R_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
R_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
R_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
R_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables
R_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
R_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
R_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
R_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
R_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables

table_ba_load_red			
Field Name	Data Type	Description	Processed in
R_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
R_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
R_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
R_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
R_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Benefits Analysis > Generate Benefits Tables
R_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Generate Benefits Tables
R_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Generate Benefits Tables
R_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Benefits Analysis > Generate Benefits Tables
R_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Benefits Analysis > Generate Benefits Tables
theacres	Double	BMP practice area (acres)	Benefits Analysis > Generate Benefits Tables
Shape_Leng	Double	Length of feature in internal units	Benefits Analysis > Generate Benefits Tables
Shape_Area	Double	Area of feature in internal units squared	Benefits Analysis > Generate Benefits Tables
p_res_catch_ID	Long Integer	Unique whole number ID for priority resource catchment	Benefits Analysis > Generate Benefits Tables

Table 27. Attribute table for table\_BA\_BMP\_All\_Catchment.

table_BA_BMP_All_Catchment			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Benefits Analysis > Attach to Catchments
BMP_ID	Long Integer	Unique whole number ID created by combining treatment group code, catchment ID, and treatment group ID.	Benefits Analysis > Attach to Catchments
catch_ID	Long Integer	Catchment ID BMP is within	Benefits Analysis > Attach to Catchments
unq_BMP_ID	Text	BMP_ID " " catch_id " " grp_code	Benefits Analysis > Attach to Catchments
grp_code	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	Benefits Analysis > Attach to Catchments
T_Volume	Float	for grp_code = 2 and 3, T_volume = velocity of water treated by the BMP in ft/sec; for grp_code = 1, 4, 5, and 6 T_volume = volume of water treated by BMP in cubic-feet	Benefits Analysis > Attach to Catchments
R_SQ2_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Attach to Catchments

**table\_BA\_BMP\_All\_Catchment**

<b>Field Name</b>	<b>Data Type</b>	<b>Description</b>	<b>Processed in</b>
R_SQ1_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Attach to Catchments
R_SQ3_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Attach to Catchments
R_SQmin_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Attach to Catchments
R_SQmax_10	Float	BMP sediment reduction (tons) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Attach to Catchments
R_PQ2_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Attach to Catchments
R_PQ1_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Attach to Catchments
R_PQ3_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Attach to Catchments
R_PQmin_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Attach to Catchments
R_PQmax_10	Float	BMP total phosphorus reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Attach to Catchments
R_NQ2_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Attach to Catchments
R_NQ1_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Attach to Catchments
R_NQ3_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Attach to Catchments
R_NQmin_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Attach to Catchments
R_NQmax_10	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Attach to Catchments
R_SQ2_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Attach to Catchments
R_SQ1_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Attach to Catchments
R_SQ3_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Attach to Catchments
R_SQmin_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Attach to Catchments
R_SQmax_02	Float	BMP sediment reduction (tons) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Attach to Catchments
R_PQ2_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Attach to Catchments

table_BA_BMP_All_Catchment			
Field Name	Data Type	Description	Processed in
R_PQ1_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Attach to Catchments
R_PQ3_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Attach to Catchments
R_PQmin_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Attach to Catchments
R_PQmax_02	Float	BMP total phosphorus reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Attach to Catchments
R_NQ2_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon median (Q2) effectiveness	Benefits Analysis > Attach to Catchments
R_NQ1_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon lower bound quartile range (Q1) effectiveness	Benefits Analysis > Attach to Catchments
R_NQ3_02	Float	BMP total nitrogen reduction (pounds) from 2 year, 24 hour event at the catchment outlet based upon upper bound quartile range (Q3) effectiveness	Benefits Analysis > Attach to Catchments
R_NQmin_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon minimum effectiveness	Benefits Analysis > Attach to Catchments
R_NQmax_02	Float	BMP total nitrogen reduction (pounds) from 10 year, 24 hour event at the catchment outlet based upon maximum effectiveness	Benefits Analysis > Attach to Catchments
Shape_Area	Double	Area of feature in internal units squared	Benefits Analysis > Attach to Catchments
theacres	Double	BMP practice area (acres)	Benefits Analysis > Attach to Catchments
p_res_catch_ID	Long Integer	Unique whole number ID for priority resource catchment	Benefits Analysis > Attach to Catchments

Table 28. Attribute table for table\_ca\_bmp\_costeff.

table_ca_bmp_costeff			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Cost Analysis
wtsArea_ft	Float	watershed area of BMP in sq-ft	Cost Analysis
BMP_ID	Long Integer	Unique whole number ID created by combining treatment group code, catchment ID, and treatment group ID.	Cost Analysis
catch_ID	Long Integer	Unique whole number ID for catchment	Cost Analysis
unq_BMP_ID	Text	BMP_ID " " catch_id " " grp_code	Cost Analysis
grp_code	Short Integer	BMP treatment group code (1 = storage, 2 = filtration, 3 = biofiltration, 4 = infiltration, 5 = protection, 6 = source reduction)	Cost Analysis
theacres	Float	BMP area in acres	Cost Analysis
p_res_catch_ID	Long Integer	Unique whole number ID for priority resource catchment	Cost Analysis
BMP_area_AC	Float	BMP area in units of BMP type	Cost Analysis
BMP_tot_cost	Float	BMP cost in dollars as specified in Cost Analysis	Cost Analysis
CI_SQ2_10	Float	BMP cost index for sediment reduction (BMP cost/ton reduced) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis

table\_ca\_bmp\_costeff

Field Name	Data Type	Description	Processed in
CI_SQ1_10	Float	BMP cost index for sediment reduction (BMP cost/ton reduced) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
CI_SQ3_10	Float	BMP cost index for sediment reduction (BMP cost/ton reduced) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
CI_SQmin_10	Float	BMP cost index for sediment reduction (BMP cost/ton reduced) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
CI_SQmax_10	Float	BMP cost index for sediment reduction (BMP cost/ton reduced) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
CI_PQ2_10	Float	BMP cost index for total phosphorus reduction (BMP cost/lb reduced) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
CI_PQ1_10	Float	BMP cost index for total phosphorus reduction (BMP cost/lb reduced) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
CI_PQ3_10	Float	BMP cost index for total phosphorus reduction (BMP cost/lb reduced) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
CI_PQmin_10	Float	BMP cost index for total phosphorus reduction (BMP cost/lb reduced) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
CI_PQmax_10	Float	BMP cost index for total phosphorus reduction (BMP cost/lb reduced) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
CI_NQ2_10	Float	BMP cost index for total nitrogen reduction (BMP cost/lb reduced) from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
CI_NQ1_10	Float	BMP cost index for total nitrogen reduction (BMP cost/lb reduced) from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
CI_NQ3_10	Float	BMP cost index for total nitrogen reduction (BMP cost/lb reduced) from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
CI_NQmin_10	Float	BMP cost index for total nitrogen reduction (BMP cost/lb reduced) from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
CI_NQmax_10	Float	BMP cost index for total nitrogen reduction (BMP cost/lb reduced) from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
CI_SQ2_02	Float	BMP cost index for sediment reduction (BMP cost/ton reduced) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
CI_SQ1_02	Float	BMP cost index for sediment reduction (BMP cost/ton reduced) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
CI_SQ3_02	Float	BMP cost index for sediment reduction (BMP cost/ton reduced) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
CI_SQmin_02	Float	BMP cost index for sediment reduction (BMP cost/ton reduced) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
CI_SQmax_02	Float	BMP cost index for sediment reduction (BMP cost/ton reduced) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
CI_PQ2_02	Float	BMP cost index for total phosphorus reduction (BMP cost/lb reduced) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis

table\_ca\_bmp\_costeff

Field Name	Data Type	Description	Processed in
CI_PQ1_02	Float	BMP cost index for total phosphorus reduction (BMP cost/lb reduced) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
CI_PQ3_02	Float	BMP cost index for total phosphorus reduction (BMP cost/lb reduced) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
CI_PQmin_02	Float	BMP cost index for total phosphorus reduction (BMP cost/lb reduced) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
CI_PQmax_02	Float	BMP cost index for total phosphorus reduction (BMP cost/lb reduced) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
CI_NQ2_02	Float	BMP cost index for total nitrogen reduction (BMP cost/lb reduced) from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
CI_NQ1_02	Float	BMP cost index for total nitrogen reduction (BMP cost/lb reduced) from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
CI_NQ3_02	Float	BMP cost index for total nitrogen reduction (BMP cost/lb reduced) from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
CI_NQmin_02	Float	BMP cost index for total nitrogen reduction (BMP cost/lb reduced) from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
CI_NQmax_02	Float	BMP cost index for total nitrogen reduction (BMP cost/lb reduced) from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Rk_SQ2_10	Float	Rank of BMP sediment reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
Rk_SQ1_10	Float	Rank of BMP sediment reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Rk_SQ3_10	Float	Rank of BMP sediment reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Rk_SQmin_10	Float	Rank of BMP sediment reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Rk_SQmax_10	Float	Rank of BMP sediment reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Rk_PQ2_10	Float	Rank of BMP total phosphorus reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
Rk_PQ1_10	Float	Rank of BMP total phosphorus reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Rk_PQ3_10	Float	Rank of BMP total phosphorus reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Rk_PQmin_10	Float	Rank of BMP total phosphorus reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Rk_PQmax_10	Float	Rank of BMP total phosphorus reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Rk_NQ2_10	Float	Rank of BMP total nitrogen reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis



table\_ca\_bmp\_costeff

Field Name	Data Type	Description	Processed in
Rk_NQ1_10	Float	Rank of BMP total nitrogen reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Rk_NQ3_10	Float	Rank of BMP total nitrogen reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Rk_NQmin_10	Float	Rank of BMP total nitrogen reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Rk_NQmax_10	Float	Rank of BMP total nitrogen reduction by BMP type from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Rk_SQ2_02	Float	Rank of BMP sediment reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
Rk_SQ1_02	Float	Rank of BMP sediment reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Rk_SQ3_02	Float	Rank of BMP sediment reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Rk_SQmin_02	Float	Rank of BMP sediment reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Rk_SQmax_02	Float	Rank of BMP sediment reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Rk_PQ2_02	Float	Rank of BMP total phosphorus reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
Rk_PQ1_02	Float	Rank of BMP total phosphorus reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Rk_PQ3_02	Float	Rank of BMP total phosphorus reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Rk_PQmin_02	Float	Rank of BMP total phosphorus reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Rk_PQmax_02	Float	Rank of BMP total phosphorus reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Rk_NQ2_02	Float	Rank of BMP total nitrogen reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
Rk_NQ1_02	Float	Rank of BMP total nitrogen reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Rk_NQ3_02	Float	Rank of BMP total nitrogen reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Rk_NQmin_02	Float	Rank of BMP total nitrogen reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Rk_NQmax_02	Float	Rank of BMP total nitrogen reduction by BMP type from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
TL_SQ2_10	Float	Running sum of sediment treated load (tons) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis

table\_ca\_bmp\_costeff

Field Name	Data Type	Description	Processed in
TL_SQ1_10	Float	Running sum of sediment treated load (tons) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
TL_SQ3_10	Float	Running sum of sediment treated load (tons) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
TL_SQmin_10	Float	Running sum of sediment treated load (tons) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
TL_SQmax_10	Float	Running sum of sediment treated load (tons) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
TL_PQ2_10	Float	Running sum of total phosphorus treated load (lbs) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
TL_PQ1_10	Float	Running sum of total phosphorus treated load (lbs) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
TL_PQ3_10	Float	Running sum of total phosphorus treated load (lbs) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
TL_PQmin_10	Float	Running sum of total phosphorus treated load (lbs) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
TL_PQmax_10	Float	Running sum of total phosphorus treated load (lbs) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
TL_NQ2_10	Float	Running sum of total nitrogen treated load (lbs) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
TL_NQ1_10	Float	Running sum of total nitrogen treated load (lbs) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
TL_NQ3_10	Float	Running sum of total nitrogen treated load (lbs) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
TL_NQmin_10	Float	Running sum of total nitrogen treated load (lbs) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
TL_NQmax_10	Float	Running sum of total nitrogen treated load (lbs) based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
TL_SQ2_02	Float	Running sum of sediment treated load (tons) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
TL_SQ1_02	Float	Running sum of sediment treated load (tons) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
TL_SQ3_02	Float	Running sum of sediment treated load (tons) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
TL_SQmin_02	Float	Running sum of sediment treated load (tons) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
TL_SQmax_02	Float	Running sum of sediment treated load (tons) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
TL_PQ2_02	Float	Running sum of total phosphorus treated load (lbs) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis

table\_ca\_bmp\_costeff

Field Name	Data Type	Description	Processed in
TL_PQ1_02	Float	Running sum of total phosphorus treated load (lbs) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
TL_PQ3_02	Float	Running sum of total phosphorus treated load (lbs) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
TL_PQmin_02	Float	Running sum of total phosphorus treated load (lbs) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
TL_PQmax_02	Float	Running sum of total phosphorus treated load (lbs) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
TL_NQ2_02	Float	Running sum of total nitrogen treated load (lbs) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
TL_NQ1_02	Float	Running sum of total nitrogen treated load (lbs) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
TL_NQ3_02	Float	Running sum of total nitrogen treated load (lbs) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
TL_NQmin_02	Float	Running sum of total nitrogen treated load (lbs) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
TL_NQmax_02	Float	Running sum of total nitrogen treated load (lbs) based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Cst_SQ2_10	Float	Running sum of BMP cost for sediment treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
Cst_SQ1_10	Float	Running sum of BMP cost for sediment treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Cst_SQ3_10	Float	Running sum of BMP cost for sediment treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Cst_SQmin_10	Float	Running sum of BMP cost for sediment treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Cst_SQmax_10	Float	Running sum of BMP cost for sediment treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Cst_PQ2_10	Float	Running sum of BMP cost for total phosphorus treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
Cst_PQ1_10	Float	Running sum of BMP cost for total phosphorus treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Cst_PQ3_10	Float	Running sum of BMP cost for total phosphorus treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Cst_PQmin_10	Float	Running sum of BMP cost for total phosphorus treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Cst_PQmax_10	Float	Running sum of BMP cost for total phosphorus treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Cst_NQ2_10	Float	Running sum of BMP cost for total nitrogen treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis

table\_ca\_bmp\_costeff

Field Name	Data Type	Description	Processed in
Cst_NQ1_10	Float	Running sum of BMP cost for total nitrogen treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Cst_NQ3_10	Float	Running sum of BMP cost for total nitrogen treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Cst_NQmin_10	Float	Running sum of BMP cost for total nitrogen treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Cst_NQmax_10	Float	Running sum of BMP cost for total nitrogen treated loads based on rank and treatment (BMP) type from 10 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Cst_SQ2_02	Float	Running sum of BMP cost for sediment treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
Cst_SQ1_02	Float	Running sum of BMP cost for sediment treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Cst_SQ3_02	Float	Running sum of BMP cost for sediment treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Cst_SQmin_02	Float	Running sum of BMP cost for sediment treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Cst_SQmax_02	Float	Running sum of BMP cost for sediment treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Cst_PQ2_02	Float	Running sum of BMP cost for total phosphorus treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
Cst_PQ1_02	Float	Running sum of BMP cost for total phosphorus treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Cst_PQ3_02	Float	Running sum of BMP cost for total phosphorus treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Cst_PQmin_02	Float	Running sum of BMP cost for total phosphorus treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Cst_PQmax_02	Float	Running sum of BMP cost for total phosphorus treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis
Cst_NQ2_02	Float	Running sum of BMP cost for total nitrogen treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon median (Q2) effectiveness	Cost Analysis
Cst_NQ1_02	Float	Running sum of BMP cost for total nitrogen treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon lower bound quartile range (Q1) effectiveness	Cost Analysis
Cst_NQ3_02	Float	Running sum of BMP cost for total nitrogen treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon upper bound quartile range (Q3) effectiveness	Cost Analysis
Cst_NQmin_02	Float	Running sum of BMP cost for total nitrogen treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon minimum effectiveness	Cost Analysis
Cst_NQmax_02	Float	Running sum of BMP cost for total nitrogen treated loads based on rank and treatment (BMP) type from 2 year, 24 hour event at a given priority resource point based upon maximum effectiveness	Cost Analysis

Table 29. Attribute table for table\_treat\_train\_catch.

table_treat_train_catch			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Benefits Analysis > Treatment Trains
catch_ID	Long Integer	Unique whole number ID for catchment	Benefits Analysis > Treatment Trains
Lrem_C_SQ2_10	Float	Sediment load (tons) remaining at catchment outlet from 10 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lrem_C_SQ2_2	Float	Sediment load (tons) remaining at catchment outlet from 2 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lrem_C_PQ2_10	Float	Total phosphorus load (lbs) remaining at catchment outlet from 10 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lrem_C_PQ2_2	Float	Total phosphorus load (lbs) remaining at catchment outlet from 2 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lrem_C_NQ2_10	Float	Total nitrogen load (lbs) remaining at catchment outlet from 10 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lrem_C_NQ2_2	Float	Total nitrogen load (lbs) remaining at catchment outlet from 2 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_C_SQ2_10	Float	BMP sediment reduction (tons) at the catchment outlet from 10 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_C_SQ2_2	Float	BMP sediment reduction (tons) at the catchment outlet from 2 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_C_PQ2_10	Float	BMP total phosphorus reduction (lbs) at the catchment outlet from 10 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_C_PQ2_2	Float	BMP total phosphorus reduction (lbs) at the catchment outlet from 2 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_C_NQ2_10	Float	BMP total nitrogen reduction (lbs) at the catchment outlet from 10 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_C_NQ2_2	Float	BMP total nitrogen reduction (lbs) at the catchment outlet from 2 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains

Table 30. Attribute table for table\_treat\_train\_p\_res.

table_treat_train_p_res			
Field Name	Data Type	Description	Processed in
OBJECTID	Object ID	Internal feature number	Benefits Analysis > Treatment Trains
catch_ID	Long Integer	Unique whole number ID for catchment	Benefits Analysis > Treatment Trains
Lrem_R_SQ2_10	Float	Sediment load (tons) remaining at a given priority resource point from 10 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lrem_R_SQ2_2	Float	Sediment load (tons) remaining at a given priority resource point from 2 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains

Lrem_R_PQ2_10	Float	Total phosphorus load (lbs) remaining at a given priority resource point from 10 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lrem_R_PQ2_2	Float	Total phosphorus load (lbs) remaining at a given priority resource point from 2 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lrem_R_NQ2_10	Float	Total nitrogen load (lbs) remaining at a given priority resource point from 10 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lrem_R_NQ2_2	Float	Total nitrogen load (lbs) remaining at a given priority resource point from 2 year, 24 hour event considering median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_R_SQ2_10	Float	BMP sediment reduction (tons) at a given priority resource point from 10 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_R_SQ2_2	Float	BMP sediment reduction (tons) at a given priority resource point from 2 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_R_PQ2_10	Float	BMP total phosphorus reduction (lbs) at a given priority resource point from 10 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_R_PQ2_2	Float	BMP total phosphorus reduction (lbs) at a given priority resource point from 2 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_R_NQ2_10	Float	BMP total nitrogen reduction (lbs) at a given priority resource point from 10 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
Lred_R_NQ2_2	Float	BMP total nitrogen reduction (lbs) at a given priority resource point from 2 year, 24 hour event based upon median (Q2) effectiveness of BMPs in user-defined shapefile	Benefits Analysis > Treatment Trains
p_res_catch_ID	Long Integer	Unique whole number ID for priority resource catchment	Benefits Analysis > Treatment Trains