



**VIRGINIA SOIL AND WATER
CONSERVATION BOARD
POLICY AND PROCEDURES ON SOIL
AND WATER CONSERVATION
DISTRICT COST-SHARE AND
TECHNICAL ASSISTANCE FUNDING
ALLOCATIONS (FISCAL YEAR 2019)**

(Approved by Board June 28, 2018)

1. Policy Purpose:

This Policy and Procedures document specifies the Virginia Soil and Water Conservation Board's (Board) process by which funds are to be allocated by the Department of Conservation and Recreation (Department) to the Commonwealth's 47 local Soil and Water Conservation Districts (Districts) for cost-share and technical assistance (Fiscal Year 2019 or FY19). The Policy also highlights the water quality emphasis of the Virginia Agricultural Best Management Practices Cost-share Program and the targeted use of allocated cost-share funding. The corresponding Grant Agreement will guide the distribution and disbursement of FY19 funds. A separate Board Policy and Grant Agreement governs the FY19 distribution of administrative and operational support funds to Districts.

2. Cost-share Program Mission and Eligibility:

The Virginia Agricultural Best Management Practices Cost-share Program (VACS) is administered by the Board and Department through the Districts. The Program's goal is to improve water quality in the state's streams, rivers, and the Chesapeake Bay. VACS offers cost-share assistance as an incentive to carry out construction or implementation of selected Best Management Practices (BMPs). The basis of VACS is to encourage the voluntary installation of agricultural BMPs to meet Virginia's non-point source pollution reduction water quality objectives. Although resource based problems affecting water quality occur on all land uses, VACS promotes efforts for corrective action on agricultural lands only. VACS emphasizes the implementation of agricultural BMPs in locations that provide the greatest nutrient and sediment reductions for the taxpayer's dollars spent. Cost-shared BMPs must maximize nutrient and sediment reductions and also protect the taxpayer's interest, by implementing the most cost-effective BMPs possible in locations that achieve the greatest pollutant reductions on a field by field basis. VACS objectives include special emphasis on the reduction of nutrients (nitrogen and phosphorus), and sediment delivered to the Chesapeake Bay; by preventing additional pollution from entering state waters; and meeting the criteria for Virginia's compliance with Section 319 of the Clean Water Act. VACS implementation should be based upon sound conservation planning and best professional judgment.

For the purposes of VACS, agricultural land means land being used in a bona fide program of agricultural management and engaged in the production of agricultural, horticultural, or forest products for market. In order to be considered agricultural land, the real estate must consist of a minimum of five contiguous acres and there must be verifiable gross receipts in excess of \$1,000 per year from the production or sale of agricultural, horticultural, or forest products produced on the applicant's agricultural land for each of the past five years. The greater than \$1,000 threshold may be documented by using crop type acres and livestock numbers collected as part of the conservation planning inventory or other acceptable forms of proof including Internal Revenue Service (IRS) forms or other accounting records certified by a tax preparer that show profit or loss from farm operations. Non-industrial private forest lands are exempt from the \$1,000 requirement. (See Part 4: Definitions for further explanation.)

Readers should refer to the *Program Year 2019 Virginia Agricultural Cost Share (VACS) BMP Manual* for additional requirements associated with the implementation of the Virginia Agricultural Best Management Practices Cost-Share Program.

3. Authority:

This funding distribution Policy has been developed to provide transparency, predictability, and consistency to the processes by which the cost-share and technical assistance funding set out in Items 362 B and D of Chapter 2 of the 2018 Special Session I Acts of Assembly (the 2018 Appropriation Act) is allocated and distributed to Districts. Funds subject to this Policy are set out in Sub-programs 50322 (Technical Assistance to Soil and Water Conservation Districts) and 50323 (Agricultural Best Management Practices Cost Share Assistance) and are guided by the following specific budget provisions within Item 362:

B.1. Notwithstanding § 10.1-2129 A., Code of Virginia, \$22,532,299 the first year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount, \$750,000 shall be appropriated to the department for the following specified statewide uses: \$500,000 shall be used for the Commonwealth's match for participation in the federal Conservation Reserve Enhancement Program (CREP) and up to \$250,000 may be utilized to develop a financial tracking and reporting module as part of the Agricultural Best Management Practices Database and to make necessary database revisions. Pursuant to paragraph B of Item 361, \$2,011,689 is designated for deposit to the reserve within the Virginia Water Quality Improvement Fund.

2. Of the remaining amount, \$19,770,610 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a subfund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: \$17,398,137 for Agricultural Best Management Practices Cost-Share Assistance where of this amount \$10,438,882 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, \$6,959,255 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and \$2,372,473 shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

3. This appropriation meets the mandatory deposit requirements associated with the FY 2017 excess general fund revenue collections and discretionary year-end general fund balances.

D.1 Out of the appropriation in this Item, \$10,000,000 the first year and \$10,000,000 the second year from the Virginia Natural Resources Commitment Fund, a subfund of the Virginia Water Quality Improvement Fund, is hereby appropriated. The funds shall be dispersed by the department pursuant to § 10.1-2128.1, Code of Virginia.

2. The source of an amount estimated at \$10,000,000 the first year and \$10,000,000 the second year to support the nongeneral fund appropriation to the Virginia Natural Resources Commitment Fund shall be the recordation tax fee established in Part 3 of this act.

3. Out of this amount, a total of eight percent, or \$1,200,000, whichever is greater, shall be appropriated to Virginia Soil and Water Conservation Districts for technical assistance to farmers implementing agricultural best management practices, and \$8,800,000 for Agricultural Best Management Practices Cost-Share Assistance. Of the amount deposited for Cost-Share Assistance, distributions between

watersheds shall be in accordance with the allocation percentages set out in § 10.1-2128.1 B., Code of Virginia.

E.1. Out of the appropriation in this item, \$2,583,531 in the first year and \$2,583,531 in the second year from the funds designated in Item 3-1.01.C. of this act are hereby appropriated to the Virginia Water Quality Improvement Fund and designated for deposit to the reserve fund established pursuant to paragraph B of Item 361. It is the intent of the General Assembly that all interest earnings of the Water Quality Improvement Fund shall be spent only upon appropriation by the General Assembly, after the recommendation of the Secretary of Natural Resources, pursuant to § 10.1-2129, Code of Virginia.

2. Notwithstanding the provisions of §§ 10.1-2128, 10.1-2129 and 10.1-2128.1, Code of Virginia, it is the intent of the General Assembly that the department use interest earnings from the Water Quality Improvement Fund and the Virginia Natural Resources Commitment Fund to support one position to administer grants from the fund.

In addition to the authorities set out in the 2018 Appropriation Act, the Code of Virginia contains the following Board and Department duties applicable to this Policy:

§ 10.1-104.1. Department to assist in the nonpoint source pollution management program.

A. The Department, with the advice of the Board of Conservation and Recreation and the Virginia Soil and Water Conservation Board and in cooperation with other agencies, organizations, and the public as appropriate, shall assist in the Commonwealth's nonpoint source pollution management program.

B. The Department shall be assisted in performing its nonpoint source pollution management responsibilities by Virginia's soil and water conservation districts. Assistance by the soil and water conservation districts in the delivery of local programs and services may include (i) the provision of technical assistance to advance adoption of conservation management services, (ii) delivery of educational initiatives targeted at youth and adult groups to further awareness and understanding of water quality issues and solutions, and (iii) promotion of incentives to encourage voluntary actions by landowners and land managers in order to minimize nonpoint source pollution contributions to state waters.

The provisions of this section shall not limit the powers and duties of other state agencies.

§ 10.1-546.1. Delivery of Agricultural Best Management Practices Cost-Share Program.

Districts shall locally deliver the Virginia Agricultural Best Management Practices Cost-Share Program described under §10.1-2128.1, under the direction of the Board, as a means of promoting voluntary adoption of conservation management practices by farmers and land managers in support of the Department's nonpoint source pollution management program.

§ 10.1-2128. Virginia Water Quality Improvement Fund established; purposes.

A. There is hereby established in the state treasury a special permanent, nonreverting fund, to be known as the "Virginia Water Quality Improvement Fund." The Fund shall be established on the books of the Comptroller. The Fund shall consist of sums appropriated to it by the General Assembly which shall include, unless otherwise provided in the general appropriation act, 10 percent of the annual general fund revenue collections that are in excess of the official estimates in the general appropriation act and 10 percent of any unrestricted and uncommitted general fund balance at the close of each fiscal year whose reappropriation is not required in the general appropriation act. The Fund shall also consist of such other sums as may be made available to it from any other source, public or private, and shall include any penalties or damages collected under this article, federal grants solicited and received for the specific purposes of the Fund, and all interest and income from investment of the Fund. Any sums

remaining in the Fund, including interest thereon, at the end of each fiscal year shall not revert to the general fund but shall remain in the Fund. All moneys designated for the Fund shall be paid into the state treasury and credited to the Fund. Moneys in the Fund shall be used solely for Water Quality Improvement Grants.

§ 10.1-2128.1. Virginia Natural Resources Commitment Fund established.

A. There is hereby created in the state treasury a special nonreverting fund to be known as the Virginia Natural Resources Commitment Fund hereafter referred to as "the Subfund," which shall be a subfund of the Virginia Water Quality Improvement Fund and administered by the Department of Conservation and Recreation. The Subfund shall be established on the books of the Comptroller. All amounts appropriated and such other funds as may be made available to the Subfund from any other source, public or private, shall be paid into the state treasury and credited to the Subfund. Interest earned on moneys in the Subfund shall remain in the Subfund and be credited to it. Any moneys remaining in the Subfund, including interest thereon, at the end of each fiscal year shall not revert to the general fund but shall remain in the Subfund. Moneys in the Subfund shall be used as provided in subsection B solely for the Virginia Agricultural Best Management Practices Cost-Share Program administered by the Department of Conservation and Recreation.

B. Beginning on July 1, 2008, and continuing in each subsequent fiscal year until July 1, 2018, out of such amounts as may be appropriated and deposited to the Subfund, distributions shall be made in each fiscal year for the following purposes:

1. Eight percent of the total amount distributed to the Virginia Agricultural Best Management Practices Cost-Share Program shall be distributed to soil and water conservation districts to provide technical assistance for the implementation of such agricultural best management practices. Each soil and water conservation district in the Commonwealth shall receive a share according to a method employed by the Director of the Department of Conservation and Recreation in consultation with the Virginia Soil and Water Conservation Board, that accounts for the percentage of the available agricultural best management practices funding that will be received by the district from the Subfund;

2. Fifty-five percent of the total amount distributed to the Virginia Agricultural Best Management Practices Cost-Share Program shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed; and

3. Thirty-seven percent of the total amount distributed to the Virginia Agricultural Best Management Practices Cost-Share Program shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively outside of the Chesapeake Bay watershed.

C. The Department of Conservation and Recreation, in consultation with stakeholders, including representatives of the agricultural community, the conservation community, and the Soil and Water Conservation Districts, shall determine an annual funding amount for effective Soil and Water Conservation District technical assistance and implementation of agricultural best management practices pursuant to § 10.1-546.1. Pursuant to § 2.2-1504, the Department shall provide to the Governor the annual funding amount needed for each year of the ensuing biennial period. The Department shall include the annual funding amount as part of the reporting requirements in § 62.1-44.118.

§ 10.1-2132. Nonpoint source pollution funding; conditions for approval.

A. The Department of Conservation and Recreation shall be the lead state agency for determining the appropriateness of any grant related to nonpoint source pollution to be made from the [Water Quality Improvement] Fund to restore, protect and improve the quality of state waters.

C. Grant funding may be made available to local governments, soil and water conservation districts, institutions of higher education and individuals who propose specific initiatives that are

clearly demonstrated as likely to achieve reductions in nonpoint source pollution, including, but not limited to, excess nutrients and suspended solids, to improve the quality of state waters. Such projects may include, but are in no way limited to, the acquisition of conservation easements related to the protection of water quality and stream buffers; conservation planning and design assistance to develop nutrient management plans for agricultural operations; instructional education directly associated with the implementation or maintenance of a specific nonpoint source pollution reduction initiative; the replacement or modification of residential onsite sewage systems to include nitrogen removal capabilities; implementation of cost-effective nutrient reduction practices; and reimbursement to local governments for tax credits and other kinds of authorized local tax relief that provides incentives for water quality improvement. The Director shall give priority consideration to the distribution of grants from the Fund for the purposes of implementing tributary strategy plans, with a priority given to agricultural practices. In no single year shall more than 60 percent of the moneys be used for projects or practices exclusively within the Chesapeake Bay watershed.

D. The Director of the Department of Conservation and Recreation shall manage the allocation of Water Quality Improvement Grants from the Virginia Natural Resources Commitment Fund established under § 10.1-2128.1.

4. Definitions:

“Agricultural products” means crops, livestock and livestock products, including but not limited to: field crops, forage, fruits, vegetables, horticultural specialties, cattle, sheep, hogs, goats, horses, poultry, furbearing animals, milk, eggs and furs.

“Agricultural production” means the production for commercial purposes of crops, livestock and livestock products, and includes the processing or retail sales by the producer of crops, livestock or livestock products which are produced on the parcel or in the District.

“Animal Type” means the type of livestock the BMP is being installed to treat. For reporting in the AgBMP Tracking Module, the following animal types are used.

Beef	Dairy	Swine	Layer	Sheep	Goat
Horse	Turkey	Broiler	Pullets	Other	

“Applicant” means a landowner, agent, or operator of record as long as the individual has control of the property. An applicant may be any corporation, association, partnership, or one or more individuals. Various companies, corporations, and partnership arrangements exist for farm ownership. Farm corporations (signing under Federal Tax Identification number) or partnerships operating under a farm name are classified as a single "applicant." Applicants are identified by a unique social security number and/or Federal Tax Identification number.

“Conservation Efficiency Factor (CEF)” means a factor calculated by the AgBMP Tracking Module to serve as a ranking tool and provide some guidance for ranking applications that would implement different BMPs. This tool is designed to assist Districts with the ranking of their cost share practice applications. The CEF uses eleven different components, including soil loss data that is inputted by the District, as well as the environmental information associated with the location of the practice on the earth to generate a factor used to rank the proposed practice compared with other instances of the same BMPs as well as instances of other BMPs.

“District” or “local soil and water conservation district” or “SWCD” means a political subdivision of the Commonwealth organized in accordance with the provisions of the Code of Virginia contained in Chapter 5 of Title 10.1 (§ 10.1-500 et seq.) and with the powers and duties set out in Chapters 1, 5, 6, and 21.1 of Title 10.1 of the Code of Virginia.

“Drainage basins” for the purposes of funding allocations means the lands within the Chesapeake Bay watershed (CB – Chesapeake Bay) and the lands in the Commonwealth exclusively outside of the Chesapeake Bay watershed (OCB – Outside of Chesapeake Bay).

“Forestral production” means the production for commercial purposes of forestal products, and includes the processing or retail sales by the producer, of forestal products that are produced on the parcel. Forestal products include, but are not limited to; saw timber, pulpwood, posts, firewood, Christmas trees, and other tree and wood products for sale or for farm use.

“Horticultural production” means the production for commercial purposes of horticultural products, and includes the processing or retail sales, by the producer, of horticultural products that are produced on the parcel. Horticultural products include, but are not limited to, fruits of all kinds, grapes, nuts, and berries, nursery and floral products for sale or for farm use.

“Total Maximum Daily Load” or “TMDL” means a calculation of a maximum amount of a pollutant that a waterbody can receive and still meet water quality standards.

5. Allocation Process for Cost-share:

The process for determining the allocation of new cost-share includes the following steps:

- A) Review the Appropriation Act language and determine the distribution of amounts deposited to the Virginia Water Quality Improvement Fund (WQIF) from state surplus allocations, WQIF Reserve, or from other General Fund deposits.
(See **TABLE 1**)
- B) Review the Appropriation Act language and determine the total amount available for cost-share and technical assistance in the given fiscal year provided from the:
 1. Close of fiscal year general fund surplus appropriated to the Virginia Water Quality Improvement Fund (WQIF) and the amounts available for cost-share and technical assistance.
 2. Special WQIF deposits from the General Fund.
 3. Nongeneral fund appropriation to the Virginia Natural Resources Commitment Fund from the recordation tax fee.
 4. WQIF and Virginia Natural Resources Commitment Fund Interest.
 5. The Reserve within the WQIF.(SEE **TABLE 2**)
- C) Allocate portions of the funding to the CB and to OCB.
(SEE **TABLE 3**)
- D) Develop a cost-share spending plan that allocates appropriated funds to Program elements. (Determine uses of cost-share in CB and OCB Areas.)
 1. Central Service Adjustments
 2. VACS – Virginia Agricultural Best Management Practices Cost-Share Program(SEE **TABLE 4**)
- E) Use the Agricultural Nonpoint Source Hydrologic Unit (HU) Ranking Process to determine cost-share allocations to Districts.
(SEE **TABLES 5-7 and Attachments A-D**)

Review of Appropriation Act Language (Allocation Steps A and B)

For FY19, \$22,532,299 in new funding is being deposited to the Water Quality Improvement Fund in accordance with Item 362 B. of the 2018 Appropriation Act (See Part 2, Authority). Of this amount, distributions are directed as follows:

TABLE 1: FY19 Appropriation Act Distributions for WQIF Surplus (Item 364 B.)

Water Quality Program	Program Distributions
WQIF (Total Surplus Deposit)	\$22,532,299
WQIF (Total WQIF Reserve and Special General Fund deposit)	\$0
• Earmark for Financial Tracking Module	\$250,000
• Earmark for Commonwealth’s match to federal Conservation Reserve Enhancement Program (CREP)*	\$500,000
• Deposit to WQIF Reserve	\$2,011,689
• Transfers to the Virginia Natural Resources Commitment Fund	\$19,770,610
○ Technical Assistance for Virginia Soil and Water Conservation Districts	\$2,372,473
○ Agricultural Best Management Practices Cost-Share Assistance	\$17,398,137

* Earmarks are available for “statewide uses”.

For FY19, \$27,570,610 in new funding (Item 362 B. and D. – see Part 2, Authority) is available for allocations to the Districts for cost-share and technical assistance.

TABLE 2: FY19 Cost-share and Technical Assistance Allocations by Fund Source

Funding Source	Total	Cost-share Portion of Total	Technical Assistance Portion of Total
WQIF (Surplus deposit)	\$19,770,610	\$17,398,137	\$2,372,473**
WQIF (Reserve and special GF deposit)	\$0	\$0	\$0
Recordation Fee*	\$7,800,000*	\$6,600,000	\$1,200,000
Fund and Subfund Interest	\$0	\$0	\$0
TOTAL	\$27,570,610	\$23,998,137	\$3,572,473

* The 2018 Appropriation Act (Item 362 D. – see Part 2, Authority) provides for \$10,000,000 in Appropriation from the recordation tax fee. Because of reduced actual revenue being recognized historically and the potential for the shortfall to continue into FY19, a conservative approach is being taken towards allocations and only \$7,800,000 is being utilized for budgeting purposes.

** The 2018 Appropriation Act (Item 362 B. – see Part 2, Authority) utilizes 12% for the formulation of Technical Assistance Amounts to be allocated from the Surplus Deposit.

Allocation of Funding to the CB and to OCB Areas (Allocation Step C)

Unless otherwise specified in the Appropriation Act, Sub-section 10.1-2128.1. B. of the Code of Virginia specifies that after technical assistance is removed that:

- Fifty-five percent of the total amount distributed to the Virginia Agricultural Best Management Practices Cost-Share Program shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively or partly within the CB watershed; and
- Thirty-seven percent of the total amount distributed to the Virginia Agricultural Best Management Practices Cost-Share Program shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively outside of the CB watershed.

This equates to a multiplier applied to the Cost-share Portion of Total of:

0.597826087 for CB [55/ (55+37)]; and

0.402173913 for OCB [37/ (55+37)]

For FY19, the multipliers are applied to the Recordation cost-share amounts. The 2018 Appropriation Act specifies the distributions for the WQIF Surplus Deposit. Distributions within the CB and OCB shall be as follows:

TABLE 3: FY19 Cost-share Allocations by Drainage Basin and Fund Source

Funding Source	Total	Cost-share Portion of Total	Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB*	Cost-share Portion Allocated to Lands Exclusively OCB*
Surplus	\$19,770,610	\$17,398,137	\$10,438,882	\$6,959,255
Special Reserve and GF Deposit	\$0	\$0	\$0	\$0
Recordation Fee	\$7,800,000	\$6,600,000	\$3,945,652	\$2,654,348
TOTAL	\$27,570,610	\$23,998,137	\$14,384,534	\$9,613,603

* Amounts rounded to the nearest dollar.

Spending Plan: Allocation of Appropriated Funds (Allocation Step D)

Out of the amounts available for cost-share, the Spending Plan shall allocate funding to BMP practices associated with specific program elements as follows:

TABLE 4: FY19 Cost-share Spending Plan by Drainage Basin and Fund Source

Program Element	Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB (Surplus)	Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB (WQIF Reserve and Special GF Deposit)	Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB (Recordation Fee)	Cost-share Portion Allocated to Lands Exclusively OCB (Surplus)	Cost-share Portion Allocated to Lands Exclusively or Partly Within the OCB (WQIF Reserve and Special GF Deposit)	Cost-share Portion Allocated to Lands Exclusively OCB (Recordation Fee)	Totals
Total Available	\$10,438,882	\$0	\$3,945,652	\$6,959,255	\$0	\$2,654,348	\$23,998,137
Spending Plan Distribution:							
Central Service Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
VACS	\$10,438,882	\$0	\$3,945,652	\$6,959,255	\$0	\$2,654,348	\$23,998,137

Specifics regarding the process by which such allocations are determined for each Program element within the spending plan are as follows:

Explanation of Spending Plan Distribution Components:

RMP – Resource Management Plans (Allocation Step D1)

Any remaining RMP balances from prior fiscal years funds are authorized to be carried forward to FY19, and no new earmark is being made. These funds may be utilized to contract for plan development and certification although the intent is for the emphasis to be placed on plan certification (RMP-2). A fundamental goal of the Resource Management Plan Program pursuant to § 10.1-104.8 of the Code of Virginia is for the RMP plans to include “agricultural best management practices sufficient to implement the Virginia Chesapeake Bay TMDL Watershed Implementation Plan and other local TMDL water quality requirements of the Commonwealth”. The intent of the program is to encourage farm owners and operators to voluntarily implement a high level of BMPs on their farmlands in order to be protective of water quality.

Soil and Water Conservation Districts are authorized to develop plans and recover costs from the cost-share applicant in accordance with Item 362 G of the 2018 Appropriation Act.

G. Notwithstanding § 10.1-552, Code of Virginia, Soil and Water Conservation Districts are hereby authorized to recover a portion of the direct costs of services rendered to landowners within the district and to recover a portion of the cost for use of district-owned conservation equipment. Such recoveries shall not exceed the amounts expended by a district on these services and equipment.

SL-6 (Allocation Step D2)

In prior fiscal years, Districts were authorized to provide 100% reimbursement for the stream exclusion practice SL-6 (100% cost-share rate and no cap) and it was stipulated that all participant enrollments received during this period would be honored as cost-share funds become available. In FY16 a producer match for new applications was reinstated for SL-6 that will be maintained in FY19; an 80% cost-share rate with a \$70,000 cap.

In order to work towards a reduction in the remaining FY15 SL-6 “Pending” applications, actions are being taken in FY19. No new funds are being directly allocated to SL-6; however, Districts are free to utilize their FY19 VACS cost-share allocation to fund SL-6 “Pending” practices from FY15. It is left to the Districts to determine whether they target the retirement of FY15 SL-6 commitments prior to satisfying new SL-6 commitments with their regular FY19 cost-share allocation. Each year’s eligible applications may only be compared to other projects from the same year and not between years so that CEF scores can be compared accurately. Any producer with a “Pending” application that has not initiated construction or negotiated and signed contract(s) to install the practice by the end of ninety (90) days after being offered cost-share funds, shall be cancelled by the District. This approach will allow Districts to work through their backlog of SL-6 “Pending” applications in a fair, consistent, and effective method statewide.

Central Service Adjustments (Allocation Step D3)

The Appropriation Act (Part 3: Miscellaneous) annually applies charges (interfund transfers) to each Agency for expenses incurred by central service agencies associated with Agency funds. For FY19, charges for nongeneral funds are \$47,612 from 0900 funds. If a portion of these expenses need to be paid from cost-share amounts provided for in the Appropriation Act, it should be allocated from non-budgeted “cash transfer in (CTI)” funds or non-budgeted recordation fee tax deposits before reallocations are made.

VACS – Virginia Agricultural Best Management Practices Cost-Share Program Allocations (Allocation Step D4)

After the other noted distributions have been met in the spending plan (SEE TABLE 4), for which there are none set out in FY19, there is \$23,998,137 available for distribution as VACS cost-share. (Table 4 outlines the drainage basin split and fund sources.) Specific allocations to Districts in FY19 shall be made using science-

based targeting of funds so that areas with the greatest potential to contribute agricultural nonpoint source pollution have the financial resources to implement BMP to reduce nutrient and sediment contamination of surface and ground waters. The process utilized to make these allocations is called the Agricultural Nonpoint Source Hydrologic Unit (HU) Ranking Process.

Agricultural Nonpoint Source Hydrologic Unit (HU) Ranking Process (Step E)

The Department utilizes a component of Virginia’s Nonpoint Source Assessment to focus its cost-share allocations where funds can produce the greatest reductions in surface and ground water contamination. Every two years, the Department of Environmental Quality (DEQ) prepares a Virginia Water Quality Assessment Report, also known as the 305(b)/303(d) Water Quality Assessment Integrated Report for submission to the Environmental Protection Agency that typically includes an updated Nonpoint Source Assessment prepared by both the Department and DEQ. Currently, the 2018 Nonpoint Source Assessment represents the most recent information available for use. The Department utilizes the agricultural component of the most current and approved NPS assessment to focus agricultural cost-share funds.

Hydrologic unit assessment scores are calculated using a nonpoint source pollutant load simulation model and data developed by the Department, DEQ, and the Virginia Tech, Department of Biological Systems Engineering. The model includes statewide data from:

- Detailed land use from interpreted imagery supplemented with tillage practice data;
- USDA Cropland data;
- National Agricultural Statistics Service data;
- Grazing and manure application practices;
- Hydrologic soil groups;
- Average water content and K factors of all soils;
- Stream flows from gauge stations;
- Climate records from a multi-state area;
- Growing seasons;
- Dominant crop types by hydrologic unit;
- CB Watershed Model output;
- Animal numbers by type and location;
- Distribution and extent of agricultural conservation practices; and
- Slope.

Additional technical information regarding modeling processes are set out in Department documents titled: *2018 NPS Assessment and Prioritization Primer*

The computer model estimates and ranks the pollutant loads of nitrogen, phosphorus, and sediment in 1,240 of the 1,251 6th level hydrologic units in Version 5 of Virginia’s National Watershed Boundary Dataset (NWBD), each identified by a unique code (VAHU6). Those units not modeled are primarily water. Each of three per hectare agricultural pollutant loads are sorted Low to High and assigned their sort order for each Hydrologic Unit (HU). The rank score of a HU is the sum of these three values. For example:

Hydrologic Unit – (VAHU6)	Nitrogen Load Sort Order (NSEQ)	Phosphorous Load Sort Order (PSEQ)	Sediment Load Sort Order (SSEQ)	Sum (NSEQ + PSEQ + SSEQ)	Agricultural Pollutant Potential Rank
PS14	942	1113	1030	3085	High (H)
JU37	664	724	1131	2519	Medium (M)
NE28	465	169	240	874	Low (L)

The higher the composite ranking score, the higher its potential to contribute agricultural NPS pollution (based on Nitrogen, Phosphorus, and Sediment loads). In accordance with this process, Attachment A includes the Unit Area Loads for Nitrogen (kg/Ag ha-yr), Phosphorus (kg/Ag ha-yr), and Sediment (mt/Ag ha-yr); the Sorted Sequence (Rank Order) between HUs for each pollutant's load; a Sum Order for each HU; and the resulting Agricultural Pollutant Potential Rank for each HU to be utilized in FY19 cost-share allocation computations.

The Department has designated the highest 20% of the ranked composite scores as High (H) potential, the middle 30% as Medium (M), and the lowest 50% are ranked Low (L) for their potential to contribute agricultural NPS pollution (natural breaking points in the data are looked for around these percentiles; not to exceed a 0.50 deviation).

For FY19 (see **Attachment A**) the data breaks were as follows:

TABLE 5: Agricultural Pollutant Potential Ranking

Agricultural Pollutant Potential Rank	# of HUs included	% of HUs included	% of Ag land	Sum Order Range
H	247	19.74	21.19	2633-3533
M	376	30.06	30.53	1777-2628
L	628	50.20	48.28	3-1767
Total	1251	100.000	100.000	

NOTE: Since the installation and distribution of BMPs implemented is part of the calculation of the agricultural NPS loads and ranking, the hydrologic units may change rankings if a large number of BMPs are implemented in a particular HU between assessments. Ranking changes tend to shift the funds between the HUs.

The next step is to compile the HU area (hectares or ha) designated as H, M, and L by county and the District geographic areas. Hydrologic unit boundaries are based upon naturally occurring drainage divides and do not often reflect county boundaries. As a result, any HU may be fully contained within a county or divided between two or more counties. Geographic Information System analysis allows the area (acres) of each ranked HU (H, M, and L) within a county boundary to be calculated and compared to the total number of acres of that pollutant ranking (H, M, and L) within each drainage basin (CB or OCB). The county area (acres) designated as H, M, and L are then rolled up to the 47 Districts. (Those HUs not within a District boundary have been removed from the analysis and do not contribute to the acreage total utilized in calculating the Cost-share Multiplier.)

Some Districts reside in the CB, some are located in only OCB areas, and some contain acreage in both. District drainage basin assignments are outlined in **Attachment B**.

Once a composite area (acres) for H, M, and L HUs has been calculated for each District by drainage basin, a H, M, and L cost-share multiplier based on percentage of agricultural acres in the District (for H, M, and L) compared to the drainage basin total (for H, M, and L) is calculated and then applied respectively to the amount of cost-share funding allocated to the H, M, and L pollutant load categories in the CB and OCB areas. This analysis is set out in **Attachment C**. **Attachment C** provides data by Drainage Basin (CB and OCB), District, Agricultural Pollutant Potential Rank (H, M, and L), Total Area (acres) of Hydrologic Units in each

District by Agricultural Pollutant Potential Rank and Drainage Basin, and the resulting Percentage Rank (Cost-share Multiplier).

Attachment D provides a full-page version of the image below (**FIGURE 1**) depicting the statewide distribution of H, M, and L HUs by District and Drainage Basin.

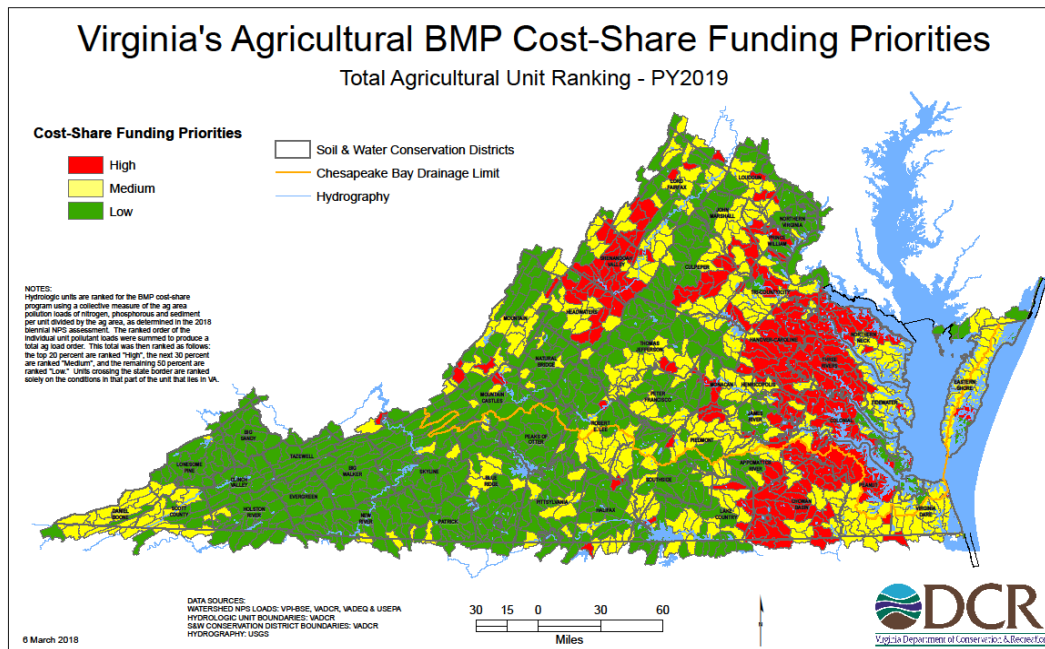


FIGURE 1: Virginia’s Agricultural BMP Cost-share Funding Priorities

Utilizing the information in **Attachment C**, the next step is to determine how much of the available cost-share by drainage basin and funding type will be proportioned to H, M, and L HU areas. Percentage allocations are based on providing a high percentage of the funding to the waters with the most pollutant load based on nitrogen, phosphorus, and sediment. For FY19, the H ranked HUs are assigned 50 percent of the cost-share funds. The M ranked HUs are assigned 30 percent of the cost-share funds, while the L ranked HUs are assigned 20 percent of the cost-share funds.

TABLE 6: FY19 Cost-share Allocations by Drainage Basin; Fund Source; and H, M, and L HU Areas

Program Element	Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB (Surplus)	Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB (Reserve and Special GF Deposit)	Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB (Recordation Fee)	Cost-share Portion Allocated to Lands Exclusively OCB (Surplus)	Cost-share Portion Allocated to Lands Exclusively or Partly Within the OCB (Reserve and Special GF Deposit)	Cost-share Portion Allocated to Lands Exclusively OCB (Recordation Fee)	Totals
VACS (after spending plan distributions – see TABLE 4)	\$10,438,882		\$3,945,652	\$6,959,255		\$2,654,348	\$23,998,137
H (50%)	\$5,219,441		\$1,972,826	\$3,479,628		\$1,327,174	\$11,999,069
M (30%)	\$3,131,665		\$1,183,696	\$2,087,776		\$796,304	\$7,199,441
L (20%)	\$2,087,776		\$789,130	\$1,391,851		\$530,870	\$4,799,627

The H, M, and L multipliers for each District are then applied to the amount of cost-share funds being made available in each drainage basin (CB and OCB) and funding source (Surplus, Special GF Deposit, Recordation fee) as set out in **TABLE 6**. Each District’s drainage basin’s H, M, and L funds are then accumulated to provide a total funding amount for the cost-share allocation.

The following table shows FY19 District VACS and SL-6 cost-share allocations by drainage basin and under the cost-share total column, provides the cumulative cost-share allocations to each of the Districts. Columns are included that show the FY19 District cost-share allocations being allocated to FY15 SL-6 “Pending” allocations in the CB and OCB (See Discussion in Step D2).

TABLE 7: FY19 District Cost-share Allocations by Drainage Basin

SWCD	VACS CB Total	VACS OCB Total	FY19 Cost- Share Total (VACS)
APPOMATTOX RIVER	\$21,941	\$121,092	\$143,033
BIG SANDY	\$0	\$41,991	\$41,991
BIG WALKER	\$0	\$184,716	\$184,716
BLUE RIDGE	\$8,781	\$215,901	\$224,682
CHOWAN BASIN	\$0	\$987,110	\$987,110
CLINCH VALLEY	\$0	\$568,392	\$568,392
COLONIAL	\$308,260	\$0	\$308,260
CULPEPER	\$1,569,125	\$0	\$1,569,125
DANIEL BOONE	\$0	\$1,687,448	\$1,687,448
EASTERN SHORE	\$222,484	\$163,985	\$386,469
EVERGREEN	\$0	\$109,853	\$109,853
HALIFAX	\$0	\$145,769	\$145,769
HANOVER-CAROLINE	\$519,203	\$0	\$519,203
HEADWATERS	\$1,600,468	\$0	\$1,600,468
HENRICOPOLIS	\$99,793	\$0	\$99,793
HOLSTON RIVER	\$0	\$201,885	\$201,885
JAMES RIVER	\$140,539	\$282,113	\$422,652
JOHN MARSHALL	\$839,240	\$0	\$839,240
LAKE COUNTRY	\$0	\$319,416	\$319,416
LONESOME PINE	\$0	\$577,188	\$577,188
LORD FAIRFAX	\$1,305,473	\$0	\$1,305,473
LOUDOUN	\$405,616	\$0	\$405,616
MONACAN	\$213,231	\$0	\$213,231
MOUNTAIN	\$408,867	\$0	\$408,867
MOUNTAIN CASTLES	\$192,106	\$46,318	\$238,424
NATURAL BRIDGE	\$356,558	\$0	\$356,558
NEW RIVER	\$0	\$372,856	\$372,856
NORTHERN NECK	\$576,720	\$0	\$576,720
NORTHERN VIRGINIA	\$26,676	\$0	\$26,676

PATRICK	\$0	\$46,828	\$46,828
PEAKS OF OTTER	\$26,802	\$122,025	\$148,828
PEANUT	\$447,840	\$841,446	\$1,289,286
PETER FRANCISCO	\$320,596	\$0	\$320,596
PIEDMONT	\$361,309	\$19,484	\$380,793
PITTSYLVANIA	\$0	\$219,635	\$219,635
PRINCE WILLIAM	\$161,458	\$0	\$161,458
ROBERT E. LEE	\$269,139	\$132,912	\$402,051
SCOTT COUNTY	\$0	\$956,405	\$956,405
SHENANDOAH VALLEY	\$1,855,718	\$0	\$1,855,718
SKYLINE	\$406	\$668,336	\$668,742
SOUTHSIDE	\$144	\$141,159	\$141,302
TAZEWELL	\$0	\$82,520	\$82,520
THOMAS JEFFERSON	\$784,620	\$0	\$784,620
THREE RIVERS	\$759,508	\$0	\$759,508
TIDEWATER	\$227,826	\$0	\$227,826
TRI-COUNTY/CITY	\$330,731	\$0	\$330,731
VIRGINIA DARE	\$23,357	\$356,819	\$380,176
Grand Total	\$14,384,534	\$9,613,603	\$23,998,137

NOTE: The distribution of cost-share allocations is dependent on income and state finances. See the procedure outlined in Part 13: Criteria for Cost-Share and Technical Assistance for what procedures are implemented should funding availability fall short of appropriation projections.

6. Deputy Director Approved Transfer of Cost-share (and Technical Assistance):

After Grant Agreement issuance, Districts may choose to work with the Department to determine if cost-share allocations should be transferred from one District to another District to maximize water quality improvements. Cost-share shall not be transferred between CB and OCB drainage allocations. Recommended adjustments shall be advanced by Department field personnel through the Division's Central Office to the Deputy Director for consideration as District contract adjustments. A completed Transfer of Virginia Agricultural Best Management Practices Cost-Share Program (VACS) Allocated Cost-Share Funds Form 199-225 (Form) from the affected Districts will be required to document their approval of the recommended transaction. The completed Form regarding reallocations/transfers shall be routed to the Comptroller to update the Department's records. For amounts already distributed to Districts, funds shall be returned back to the Department, or deducted from the next quarterly FY19 disbursement(s) for redistribution to the approved receiving District (accordingly such funds shall not be directly sent between Districts). A proportional amount of Technical Assistance shall be transferred with the cost-share funds; however, cost-share funds may be voluntarily transferred between two Districts without a proportional amount of technical assistance funds if both the donor and recipient District Boards agree, by formally adopted motions, to such transfer. Such motions and all documentation required to execute the voluntary transfer of cost-share must be submitted to the Department prior to June 30, 2019. All transferred cost-share funds will be subject to the recipient District's ninety percent (90%) obligation requirement for their total VACS allocation as set out in Section 9 – Reallocation of cost-share funds.

Additionally, should a District decline a recommended cost-share allocation, technical assistance allocations may also be reduced accordingly if such an allocation has been recommended. Aside from transfers of funds approved under this Section, no other movements of cost-share or technical assistance funding may occur between Districts.

7. Targeting the Expenditure of Cost-share Funds in each District to Maximize Water Quality Improvements:

Once cost-share has been allocated to Districts, cost-share expenditures within Districts, in accordance with the VACS mission (See Part 2), should be targeted towards maximizing nutrient and sediment reductions by implementing the most cost-effective BMPs possible in locations that achieve the greatest pollutant reductions on a field by field basis. The VACS Program gives Districts the responsibility to determine the recipients of state cost-share funds. The better the Districts recruit and evaluate applications, the more successful the local program will be at improving local water quality. Participants are to be recruited based upon those primary and secondary factors, which most influence their existing land uses impact upon water quality. The objective of the VACS Program is to solve water quality problems by fixing the worst problems first on a field by field basis. The 2018 agricultural non-point source ranking of the National Watershed Boundary Dataset units (VAHU6) currently provides the most accurate identification at a landscape scale, of the lands with the greatest potential to contribute agricultural non-point source pollution into Virginia's rivers and streams.

Statewide water quality considerations shall be used by all Districts to qualify cost-share applications for District Board consideration for funding. Districts should prioritize the implementation of appropriate BMPs that will reduce the greatest amount of nutrient and sediment contamination while utilizing the least amount of cost-share funds to address site-specific water quality problems in identified HU priority watersheds with all program cost-share funds. Any application that does not meet at least one of the priority considerations listed below shall not receive funding:

1. Applications for cost-share funding that are located within or upstream of an identified impaired stream segment shall be prioritized for funding of practices that reduce the identified pollutant. VAHU6 hydrologic units either completely or partially within an existing Agricultural NPS Stream Impairment are identified from the GIS layer within the AgBMP Tracking Module.

2. Applications for cost-share funding on fields that are at least 1/3 HEL (Highly Erodible Land) soils receive priority.
3. Applications for cost-share to implement BMPs that are within an approved Virginia Resource Management Plan management area will also receive priority consideration over similar BMPs outside of the management area. The AgBMP Tracking Module will automatically calculate a 10% reduction in the CEF score for these BMPs.

Exceptions to the priority considerations may be made for animal waste management practices and for actions taken to protect groundwater, gully erosion, or critical areas. The following list of practices are priorities and do not need to meet any other priority consideration in order to be eligible for cost-share funding:

- Animal Waste Control Facilities (WP-4)
- Loafing Lot Management System (WP-4B)
- Composter Facilities (WP-4C)
- Permanent Vegetative Cover on Critical Areas (SL-11)
- Nutrient Management Plan Writing and Revisions (NM-1A)
- Sod Waterway (WP-3)
- Small Grain Cover Crop and Mixed Cover Crop for Nutrient Management and Residue Management (SL-8B)
- Stream Exclusion with Grazing Land Management (SL-6)
- Grass Filter Strips (WQ-1)
- Sediment Retention, Erosion or Water Control Structure (WP-1)
- Precision Nutrient Management on Cropland – Nitrogen Application (NM-5N)
- Precision Nutrient Management on Cropland – Phosphorus Application (NM-5P)
- Woodland Buffer Filter Area (FR-3)

Further, a set of Secondary considerations that identify the local District Board's water quality improvement focus shall be developed by the District Board. The District shall submit their Secondary Considerations to the Department prior to the beginning of the fiscal year and receive Department approval prior to the District approving cost-share applications. These secondary considerations are utilized by Districts to prioritize applications that address locally identified water quality concerns. Secondary considerations should be narrative statements that are easily understood by any potential participant and that assist District Boards in ranking cost-share applications based upon which practice implementation will provide the greatest amount of local water quality improvement. The District shall be expected to abide by these policies throughout the entire program year so that each application is ranked to receive funding based upon the anticipated water quality benefits. Examples of potential secondary considerations may be found in the *Program Year 2019 Virginia Agricultural Cost Share (VACS) BMP Manual*.

Additionally, for Districts within the CB, Districts shall give priority to BMPs addressed within the Virginia Chesapeake Bay Watershed Implementation Plan; for Districts OCB, priority shall be given to BMPs in the highest priority agricultural TMDL watersheds (as ranked by the Department; H, M, and L). BMPs within fields covered by a Resource Management Plan shall also receive priority.

Districts shall be prepared to verify and document that their cost-share allocations are being spent in accordance with the priority considerations, their approved secondary considerations, and in accordance with the *Program Year 2019 Virginia Agricultural Cost Share (VACS) BMP Manual*.

Each District shall, when comparing projects for cost-share funding, utilize the Conservation Efficiency Factor (CEF). A CEF is calculated by the AgBMP Tracking Module and uses eleven different components, including installation costs and soil loss data that is input by the District, as well as the environmental information associated with the location of the practice to generate a factor that can be used to rank the proposed practice compared with other instances of the same BMPs as well as instances of other BMPs (See **TABLE 8**). Although the CEF can be used to rank different BMPs it will more accurately rank different BMPs that are oriented toward reduction of the same contaminate with the lower the value the more preferred the project.

The relative weights of **TABLE 8** reflect the weight distribution of the CEF components for practices where every component is used in the final CEF calculation. For many practices one or more of these components is not used and the relative weights of the point variables that are used will therefore be proportionally increased. Details on this procedure may be found in a Department discussion document titled *Assignment of Priority Values to BMP Instances at the Time of District ACSTP Data Entry*.

TABLE 8: CEF Ranking Components and Values

Ranking Component	Relative Weight	Value Range	Point or Credit Variable	Assigned Rank Points
Deliverable Sediment Reduction Cost Efficiency points	13.33	not calculated / equation results	DSEDXCE_P	0 / 1 - 10
Priority Practice points	17.33	yes / maintenance / no	PRI_P	1 / 9 / 13
NPS Ag Priority Hydrologic Unit points	17.33	not used / Ag Priorities SUM Order	NPSAG_P	0 / 1 - 13
NPS Biological Priority HU credit	5.33	2+ flags / 1 flag / none	NPSBIO_C	-4 / -2 / 0
Ag Bacteria Impairment Area points	5.29	Not used/7/6/5/4/3/2/1/0	BIMP_P	0 / 1 / 2 / 1 / 2 / 1 / 4 / 1 / 4
Ag Nutrient Impairment Area points	5.29	Not used/7/6/5/4/3/2/1/0	NIMP_P	0 / 1 / 1 / 3 / 3 / 1 / 1 / 4 / 4
Septic Impairment Area points	5.29	Not used/7/6/5/4/3/2/1/0	SIMP_P	0 / 1 / 1 / 1 / 1 / 1 / 2 / 3 / 2 / 4
Chesapeake Bay Program Efficiency credit	4.00	>50% / 35-50% / <35% / not reported	CBEFF_C	-3 / -2 / -1 / 0
Practice Contract Period points	6.61	1 - 10	PCP_P	1 - 5
Installation Cost Efficiency points	20.00	not calculated / equation results	ICE_P	0 / 1 - 15
Environmental Preferences credit	see discussion document	not calculated / equation results	ENV_C	0 / -7 - 0

Final approval of practice funding is the responsibility of the local District Board of Directors. All actions taken must be voted upon and the outcome recorded in the minutes of the meeting where such action is taken. Districts should be prepared to verify and document that their cost-share allocations are being spent in accordance with their priority and secondary considerations and in accordance with the *Program Year 2019 Virginia Agricultural Cost Share (VACS) BMP Manual*.

Any application must meet appropriate technical agency standards and specifications of that practice before cost-share payment is made. Payment is issued after the participant and technical representative have certified practice installation in their Virginia BMP Incentives Contract. The amount of the cost-share payment is calculated based upon the estimated cost or total actual cost whichever is less. When completed practices are scheduled for combined funding from a District and other sources, the District cost-share payment must reflect the balance due (not to exceed the amount approved by the District for the cost-share payment) after payment has been approved or issued by the other sources. Total combined state VACS, federal, and any other funding source cost-share payments must not exceed the amount allowed within the *Program Year 2019 Virginia Agricultural Cost Share (VACS) BMP Manual*, this Policy, or by written directive of the Director.

Department personnel will confer with District staff at least quarterly to determine their projected needs for cost-share payments for projected completed BMPs. Department personnel will generate a disbursement letter based upon the projected needs and AgBMP Tracking Module data showing obligations.

8. Cost-share Funding Caps:

For FY19, the VACS applicant cost-share limit or “cap” is \$50,000/applicant/year. This cap is automatically monitored for any applicant across Districts based upon data available from within the AgBMP Tracking Module.

- Except that WP-4 and/or WP-4B either as a single large practice or as an aggregation of smaller practices may be approved to receive up to \$70,000 in cost-share funds in any given program year. For any single or aggregation of WP-4 and/or WP-4B practices that receive greater than \$50,000 in cost share funds but less than \$70,000, the unused cap amount may not be used to fund any other additional practices.
- Each District Board may establish an applicant cost-share limit or “cap” for the program year which may not exceed the program applicant cost-share limit. Applicants may receive the amount of the District established cost-share limits or “caps” for implemented BMPs as long as the amount does not exceed the established programmatic cost-share limit or “cap”. This cap is automatically monitored for any applicant across Districts based upon data available from within the AgBMP Tracking Module. Districts may view all approved cost-share funds for a participant by utilizing the “participant’s contracts” button. This authority to set District cost-share limits in accordance with the provisions of this paragraph does not extend to SL-6, RMP-1, and RMP-2 practices.
- SL-6 is also subject to the \$70,000 cap for new applications in FY19 and participants receiving cost-share funds for new SL-6 applications in the amount of \$70,000 shall not be eligible for any additional cost-share funds for any other cost-share practices.

Examples:

- If SL-6 payment is equal to \$70,000 then no additional VACS is allowed.
- If SL-6 is \$60,000, then \$10,000 would remain available for WP-4 and/or WP-4B but \$0 for other VACS practices.
- If SL-6 is \$40,000, then \$10,000 would remain available for agronomic practices or up to \$30,000 for WP-4 and/or WP-4B.
- WP-4 and a WP-4C that is attached to or within the WP-4 may be approved to receive up to \$70,000 in cost-share funds in any given program year. Participants receiving cost-share funds for new WP-4 facilities, in conjunction with a WP-4C, in the amount of \$70,000 shall not be eligible for any additional cost-share funds for any other cost-share practices.
- Cost-share funds received for RMP-1 and RMP-2 practices do not count against or otherwise affect an applicant’s annual cost-share cap for other specified practices.

State participant caps are based upon the fiscal year that the practice is approved rather than the fiscal year in which the cost-share payment is distributed. This allows each participant to maximize the amount of cost-share that they may receive in each fiscal year.

9. Reallocation of Cost-Share:

Following the end of each fiscal year, the Board shall reallocate (redistribute) unobligated VACS allocations, including unobligated funds from prior fiscal years, (keeping cost-share within the drainage basin it was originally allocated within) at its next scheduled meeting . These funds will be used for VACS programmatic priorities which may include funding for Chesapeake Bay Watershed Implementation Plan implementation or targeted agricultural BMPs. VACS funds that have not been approved by the District's Board of Directors at the end of the fourth quarter of the fiscal year (June 30, 2019) to fund an existing cost-share application are considered to be unobligated. However, ten (10%) of the unobligated balance shall remain with the District (unless waived by the District) to make adjustments to approved cost-share practices that have not yet been completed.

Data collected from the budget summary page of the Virginia AgBMP Tracking Module (Tracking Module) will be analyzed to identify those Districts that have obligated ninety percent (90%) or more of their Total VACS allocation. The percent of their VACS allocation obligated will be identified by dividing the "Approved" amount by the "Allocation" amount. For those Districts that did not obligate at least ninety percent (90%) of their Total VACS allocation by June 30, 2019, unobligated cost-share funds will be summed and all of a District's unobligated VACS funds will be reallocated, except that ten (10%) of the unobligated balance shall remain with the District (unless waived by the District) to make adjustments to approved cost-share practices. This includes amounts already distributed to Districts for which a project has since been discontinued (which shall be reverted back to the Department; such funds shall not be directly sent between Districts) as well as VACS funds still being held by the Department for which there are no pending obligations against it. Technical assistance funding shall proportionally be transferred with the cost-share.

Reallocation cost-share amounts and the associated technical assistance amounts shall be specifically noted in cost-share disbursement letters to Districts and become part of the financial record.

Should funding from prior fiscal years already allocated to SL-6 be available for transfer (i.e. all existing FY15 "Pending" applications within that District, within original drainage allocations, have been retired or cancelled), the Department shall distribute it to unfunded SL-6 practices, within the original drainage allocations, based on a synthesized list of CEF ranked needs for which funding estimates are available in the AgBMP Tracking Module. Technical assistance funding shall proportionally be transferred with the cost-share.

10. Allocation Process for Technical Assistance:

Technical Assistance funds are made available to Districts by the Department for VACS Program implementation by District technical staff. FY13 technical assistance fund allocations approved in the amount \$1,843,154 represents a base allocation for FY19 for technical assistance. This base (or constant) represents the FY13 level at which Districts delivered services. The base amount of \$1,843,154 is subtracted from the total technical assistance available in FY19 (\$3,572,473) and results in a technical assistance balance of \$1,729,319. This remaining balance is distributed proportionally to the allocation of Total FY19 cost-share (VACS and SL-6) to Districts. Results for FY19 (Total Technical assistance allocations by District) are presented in **TABLE 9**. In future years, should technical assistance amounts available fall below the \$1,843,154 base level, total technical assistance to Districts would be proportionally reduced.

TABLE 9: FY19 Technical Assistance Computations and District Allocations

SWCD	FY19 Cost-Share Total (VACS)	Proportional Multiplier	FY19 TA Addition to the FY13 TA Base*	FY13 TA Base	FY19 Total Technical Assistance Allocated
APPOMATTOX RIVER	\$143,033	0.005960158	\$10,307	\$25,899	\$36,206
BIG SANDY	\$41,991	0.001749760	\$3,026	\$8,723	\$11,749
BIG WALKER	\$184,716	0.007697104	\$13,311	\$34,600	\$47,911
BLUE RIDGE	\$224,682	0.009362487	\$16,191	\$50,000	\$66,191
CHOWAN BASIN	\$987,110	0.041132778	\$71,132	\$30,369	\$101,501
CLINCH VALLEY	\$568,392	0.023684837	\$40,959	\$70,000	\$110,959
COLONIAL	\$308,260	0.012845150	\$22,213	\$40,000	\$62,213
CULPEPER	\$1,569,125	0.065385298	\$113,072	\$105,000	\$218,072
DANIEL BOONE	\$1,687,448	0.070315790	\$121,598	\$49,800	\$171,398
EASTERN SHORE	\$386,469	0.016104132	\$27,849	\$51,000	\$78,849
EVERGREEN	\$109,853	0.004577550	\$7,916	\$19,300	\$27,216
HALIFAX	\$145,769	0.006074170	\$10,504	\$32,600	\$43,104
HANOVER-CAROLINE	\$519,203	0.021635130	\$37,414	\$74,250	\$111,664
HEADWATERS	\$1,600,468	0.066691324	\$115,331	\$38,297	\$153,628
HENRICOPOLIS	\$99,793	0.004158351	\$7,191	\$7,570	\$14,761
HOLSTON RIVER	\$201,885	0.008412546	\$14,548	\$69,000	\$83,548
JAMES RIVER	\$422,652	0.017611880	\$30,457	\$16,372	\$46,829
JOHN MARSHALL	\$839,240	0.034971064	\$60,476	\$32,000	\$92,476
LAKE COUNTRY	\$319,416	0.013310053	\$23,017	\$17,000	\$40,017
LONESOME PINE	\$577,188	0.024051357	\$41,592	\$27,329	\$68,921
LORD FAIRFAX	\$1,305,473	0.054398938	\$94,073	\$100,000	\$194,073
LOUDOUN	\$405,616	0.016901980	\$29,229	\$46,000	\$75,229
MONACAN	\$213,231	0.008885317	\$15,366	\$16,000	\$31,366
MOUNTAIN	\$408,867	0.017037440	\$29,463	\$0	\$29,463
MOUNTAIN CASTLES	\$238,424	0.009935104	\$17,181	\$35,000	\$52,181
NATURAL BRIDGE	\$356,558	0.014857729	\$25,694	\$32,221	\$57,915
NEW RIVER	\$372,856	0.015536876	\$26,868	\$50,000	\$76,868
NORTHERN NECK	\$576,720	0.024031870	\$41,559	\$100,742	\$142,301
NORTHERN VIRGINIA	\$26,676	0.001111569	\$1,922	\$0	\$1,922
PATRICK	\$46,828	0.001951316	\$3,374	\$13,500	\$16,874
PEAKS OF OTTER	\$148,828	0.006201632	\$10,725	\$28,742	\$39,467
PEANUT	\$1,289,286	0.053724419	\$92,907	\$69,000	\$161,907
PETER FRANCISCO	\$320,596	0.013359224	\$23,102	\$23,601	\$46,703
PIEDMONT	\$380,793	0.015867621	\$27,440	\$23,790	\$51,230
PITTSYLVANIA	\$219,635	0.009152180	\$15,827	\$29,300	\$45,127
PRINCE WILLIAM	\$161,458	0.006727946	\$11,635	\$6,343	\$17,978
ROBERT E. LEE	\$402,051	0.016753424	\$28,972	\$11,930	\$40,902
SCOTT COUNTY	\$956,405	0.039853316	\$68,919	\$45,800	\$114,719
SHENANDOAH VALLEY	\$1,855,718	0.077327565	\$133,724	\$45,600	\$179,324
SKYLINE	\$668,742	0.027866407	\$48,190	\$55,433	\$103,623

SOUTHSIDE	\$141,302	0.005888051	\$10,182	\$24,790	\$34,972
TAZEWELL	\$82,520	0.003438590	\$5,946	\$30,122	\$36,068
THOMAS JEFFERSON	\$784,620	0.032695038	\$56,540	\$97,399	\$153,939
THREE RIVERS	\$759,508	0.031648619	\$54,731	\$70,375	\$125,106
TIDEWATER	\$227,826	0.009493473	\$16,417	\$27,595	\$44,012
TRI-COUNTY/CITY	\$330,731	0.013781526	\$23,833	\$25,200	\$49,033
VIRGINIA DARE	\$380,176	0.015841909	\$27,396	\$35,562	\$62,958
Grand Total	\$23,998,137	1.000000000	\$1,729,319	\$1,843,154	\$3,572,473

- Rounded to the nearest dollar.

NOTE: In 2018, the Department, pursuant to the Virginia Soil and Water Conservation Board’s Policy on Soil and Water Conservation District Administration and Operations Funding Allocations for FY19 and the associated Grant Agreement will analyze base-budget technical assistance information submitted on the Grant Agreement’s Attachment D (Itemized District Budget Request Form) to see if District base technical assistance needs further adjustments. The Department shall work towards the development of a budget-based needs assessment of Districts to enable the development of an improved Policy that will govern the distribution of funding to Districts during Fiscal Year 2021 thus allowing District allocations to be more predictable, balanced, transparent, and consistent.

FY19 Technical Assistance allocations (See **TABLE 9**) shall be disbursed to Districts over FY19 in accordance with the following procedures. During the first quarter of FY19, after the Fourth Quarter FY18 reports have been submitted (including the District’s End of Year Cash Balance Report, Carry Over Report, and SL-6 Pending Reports) to the Department and the Grant Agreement has been executed and the original signed Agreement returned to the Department, twenty-five percent of the technical assistance allocations shall be disbursed, with an additional twenty-five percent disbursed in each of the second, third, and fourth quarters provided updates to the AgBMP Tracking Module are being entered monthly to the satisfaction of the Department. Except due to extenuating circumstances or as otherwise set out in the Grant Agreement, disbursements to Districts will be executed within 45 calendar days following the beginning of a quarter contingent upon the satisfactory completion of database updates and the receipt of complete and accurate reports.

Should new FY19 funding be transferred between Districts, technical assistance funds noted in the column “FY19 TA Addition to the FY13 TA Base*” shall proportionally be transferred with the cost-share.

11. Noncompliance with this Policy:

In the event any District fails to comply with the provisions of this Policy, the Department reserves the right to require repayment of previously issued funds and/or direct further appropriate actions based upon noncompliance circumstances. Should an issue arise that impacts funding, the affected District(s) will be apprised of the issue(s) and will be provided an opportunity to address the concerns to the Department prior to Department action.

12. Unexpended State Funds Maintained by Districts:

If the District has obligated ninety percent (90%) or more of its cost-share allocation by June 30, 2019, FY19 technical assistance shall remain with the District. If the District has obligated less than ninety percent (90%) of its cost-share allocation, then all funds, minus ten percent (10%) of the original allocation, will be returned to the Department for reallocation in accordance with Section 9. However, it is unadvisable for any District to accumulate more than twelve months of Technical Assistance funds. Public funds from local, state, and federal

sources are provided to Districts not for savings, but for performance of conservation and other required deliverables. The Department will monitor the growth of unexpended funds through audit reports and other fiscal reports generated by or at the request of the Department. The Department may reduce future funding to Districts that fail to act upon guidance and recommendations from auditors and the Department. Decisions and Department actions will be addressed on a case-by-case basis working with the affected District.

13. Criteria for Cost-share and Technical Assistance:

Funding allocated to Districts as cost-share and technical assistance is contingent upon appropriations by the General Assembly. Should funding availability fall short of appropriation projections during the course of FY19, after the Department has utilized all unallocated and unobligated balances it may have available (such as CTI), every District will receive an equal percent reduction which will be calculated and deducted from each District's unobligated total approved cost-share and technical assistance funding specified within the Department/District Grant Agreement. When a reduction of funds is necessary, the Department will make reductions from available unobligated cost-share first and reduce technical assistance last. Should a reduction of funds occur, every District must return funding within 30 days of receiving notice of such reduction from the Department. Should all cost-share and technical assistance funding within a District be obligated and it becomes necessary to reduce such funds, then adjustments will be made to the next fiscal year's spending plan to honor existing commitments from the prior fiscal year first or during reallocation as determined by the Department. The Department shall refer to working papers for fund source allocations for cost-share and for technical assistance to guide reductions as may be necessary.

In the event a new District is formed or an existing District alters its boundaries, the Board will examine the total financial resources under its control and its priorities for use of these funds and adhere to its Policy titled Financial Commitments For Establishment of a New Soil & Water Conservation District (SWCD/district), or Realignment of an Existing District on all funding decisions in this Policy. The newly created or altered District may be funded at a reduced level, or may be required to share funding in an arrangement determined by the Board until sufficient funding is made available to fulfill provisions of this Policy and priorities of the Board.

Expenditure of District funds, regardless of source, will be made without regard to any person's race, color, religion, sex, age, national origin, handicap, or political affiliation.

All funds received by Districts are public funds and provisions of the Freedom of Information Act shall apply to financial records, unless otherwise specified within the Act or elsewhere in the *Code of Virginia*. Each District shall safeguard, provide accountability, and expend funds only for approved purposes.

14. Electronic Copy:

An electronic copy of this Policy guidance in PDF format is available on the Department of Conservation and Recreation's website at <http://www.dcr.virginia.gov/laws-and-regulations/lr8b>.

15. Contact Information:

Please contact the Department of Conservation and Recreation's Soil and Water Conservation Division by calling the Division's administrative support at 804-225-3653 with any questions regarding the application of this Policy. The call shall be referred to program staff accordingly.

16. Authorization:

Upon the approval of this Policy, the Department shall, in accordance with its fiduciary powers and responsibilities, make and enter into any and all Grant Agreements and contracts, and take all actions necessary, to fully implement and administer this Policy.

17. Adoption, Amendments, and Repeal:

This document supersedes the Policy titled Policy and Procedures on Soil and Water Conservation District Cost-Share and Technical Assistance Funding Allocations (Fiscal Year 2018) adopted May 23, 2017 and will remain in effect until rescinded or superseded.

Attachment A

Computer Model Estimates and Ranks Based on the 2018 305(b) Report Data of the Agricultural Pollutant Loads of Nitrogen (N), Phosphorus (P), and Sediment (S) in Each of the 1,240 6thLevel Hydrologic Units (HU)

(kg/Ag ha-yr – kilograms per agricultural hectare per year; mt/Ag ha-yr – metric tons per agricultural hectare per year)

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
CU56	57.8992	2.8539	1.1820	1197	1206	1130	3533	HIGH	1
CU60	54.8387	1.9610	1.2608	1192	1181	1148	3521	HIGH	2
CU57	52.2711	1.9929	1.2078	1185	1185	1141	3511	HIGH	3
CU38	47.2850	1.8032	1.3550	1164	1158	1168	3490	HIGH	4
YO54	47.9586	1.7221	1.3135	1169	1142	1160	3471	HIGH	5
CU59	51.2537	2.0912	1.0556	1182	1190	1096	3468	HIGH	6
JL37	45.7670	1.7631	1.2792	1159	1151	1153	3463	HIGH	7
CU58	47.6205	1.6711	1.3496	1166	1126	1167	3459	HIGH	8
PL69	36.7128	1.8784	2.8517	1073	1167	1215	3455	HIGH	9
YO52	44.3157	1.6784	1.4263	1148	1129	1174	3451	HIGH	10
CU55	49.7620	1.8124	1.0601	1176	1159	1101	3436	HIGH	11
CM26	41.2181	1.8769	1.2197	1124	1166	1144	3434	HIGH	12
RA53	41.8990	1.5055	2.0967	1129	1091	1209	3429	HIGH	13
JL35	43.9340	1.5675	1.4608	1145	1103	1178	3426	HIGH	14
YO51	40.3262	1.5647	1.6322	1116	1102	1195	3413	HIGH	15
PS23	29.7486	1.9636	2.2468	1010	1183	1211	3404	HIGH	16
JL36	54.0485	1.9700	0.9272	1190	1184	1029	3403	HIGH	17
YO50	42.6152	1.6492	1.2046	1135	1123	1139	3397	HIGH	18
AS03	63.8846	2.4924	0.8789	1202	1202	981	3385	HIGH	19

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
PL67	33.9586	1.7757	1.5195	1047	1153	1185	3385	HIGH	20
YO53	38.2045	1.4947	1.8146	1095	1087	1201	3383	HIGH	21
PL49	39.8493	1.3780	2.0974	1112	1054	1210	3376	HIGH	22
CB07	47.6485	1.6998	0.9818	1167	1132	1065	3364	HIGH	23
CU44	56.2893	2.3493	0.8633	1194	1199	968	3361	HIGH	24
PS20	28.8876	1.8285	1.5690	1001	1162	1190	3353	HIGH	25
YO48	37.3274	1.4767	1.5080	1083	1081	1183	3347	HIGH	26
YO59	39.1023	1.3856	1.4845	1103	1058	1180	3341	HIGH	27
JL15	37.8288	1.3702	1.5297	1090	1048	1186	3324	HIGH	28
JL41	46.6629	1.7913	0.9030	1161	1156	1007	3324	HIGH	29
CU31	44.0432	2.0138	0.8849	1146	1186	987	3319	HIGH	30
PL66	30.7980	1.6301	1.4894	1019	1118	1181	3318	HIGH	31
PS16	27.9123	1.7718	1.4532	989	1152	1176	3317	HIGH	32
YO61	43.0731	1.4946	1.0274	1139	1086	1087	3312	HIGH	33
PS19	25.4160	1.6337	1.9207	972	1120	1204	3296	HIGH	34
CU18	40.0887	1.7189	0.9450	1114	1140	1041	3295	HIGH	35
RA54	39.9814	1.4292	1.0994	1113	1069	1112	3294	HIGH	36
PS32	28.3497	1.9564	1.1245	994	1180	1116	3290	HIGH	37
JL03	40.6870	1.4475	1.0573	1118	1073	1098	3289	HIGH	38
JL32	38.7307	1.3968	1.1657	1101	1060	1127	3288	HIGH	39
JL05	38.6184	1.3911	1.1784	1099	1059	1129	3287	HIGH	40
PS22	24.5422	1.6272	1.9258	967	1115	1205	3287	HIGH	41
RA59	37.9428	1.3159	1.3212	1091	1032	1163	3286	HIGH	42
JL29	53.0267	1.7763	0.8370	1186	1154	943	3283	HIGH	43
YO37	38.8129	1.3102	1.1968	1102	1027	1137	3266	HIGH	44

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
YO55	41.1342	1.4394	0.9954	1123	1071	1071	3265	HIGH	45
PS15	25.7785	1.4977	1.8042	975	1089	1200	3264	HIGH	46
RA55	39.2812	1.3836	1.0422	1105	1057	1093	3255	HIGH	47
CM20	50.3403	1.8900	0.7801	1179	1171	895	3245	HIGH	48
CM19	34.2170	1.3146	1.3166	1051	1030	1162	3243	HIGH	49
CU34	41.4561	1.5337	0.9147	1127	1097	1019	3243	HIGH	50
JL39	41.5130	1.5992	0.8889	1128	1108	993	3229	HIGH	51
YO57	39.2933	1.3824	0.9814	1107	1056	1064	3227	HIGH	52
JL27	32.3238	1.2044	1.6887	1032	993	1197	3222	HIGH	53
JL43	58.6665	2.1141	0.7022	1198	1192	829	3219	HIGH	54
CU37	35.6870	1.3702	1.0794	1063	1047	1108	3218	HIGH	55
JU26	20.2173	1.6284	1.3651	930	1117	1170	3217	HIGH	56
JL01	37.0433	1.3134	1.0797	1078	1028	1110	3216	HIGH	57
JA36	31.5066	1.2148	1.5733	1023	999	1191	3213	HIGH	58
PL73	33.0632	1.5457	0.9847	1038	1101	1066	3205	HIGH	59
JL30	36.7496	1.3255	1.0356	1074	1039	1091	3204	HIGH	60
YO36	41.3586	1.4556	0.8947	1126	1076	999	3201	HIGH	61
AO23	36.6274	1.4049	0.9695	1071	1064	1057	3192	HIGH	62
RA60	37.4859	1.3092	1.0009	1085	1026	1080	3191	HIGH	63
YO35	34.8579	1.2123	1.1907	1058	997	1135	3190	HIGH	64
YO49	32.2748	1.2912	1.2067	1031	1018	1140	3189	HIGH	65
PL18	41.0717	1.6324	0.8371	1122	1119	944	3185	HIGH	66
YO58	36.9373	1.3166	0.9990	1077	1033	1075	3185	HIGH	67
PS26	23.8583	1.4127	1.3054	960	1066	1156	3182	HIGH	68
PS25	22.1521	1.4030	1.3440	947	1063	1166	3176	HIGH	69

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
JL31	40.7019	1.4606	0.8755	1119	1078	978	3175	HIGH	70
PL53	28.6109	1.1095	2.3388	997	962	1213	3172	HIGH	71
CU41	30.2565	1.3253	1.1087	1014	1037	1114	3165	HIGH	72
CM24	39.7526	1.5359	0.8430	1110	1098	951	3159	HIGH	73
RA57	33.9651	1.1992	1.1475	1048	991	1119	3158	HIGH	74
YO29	43.4817	1.5771	0.7876	1141	1104	907	3152	HIGH	75
PL17	33.3909	1.3665	0.9849	1040	1043	1067	3150	HIGH	76
PS33	19.4387	1.4552	1.2715	921	1075	1152	3148	HIGH	77
YO63	38.0954	1.3174	0.9126	1094	1034	1015	3143	HIGH	78
PL71	34.2392	1.6733	0.8581	1052	1127	960	3139	HIGH	79
RA39	36.6812	1.4898	0.8791	1072	1085	982	3139	HIGH	80
RA43	25.9830	1.1233	1.5411	978	965	1188	3131	HIGH	81
PS56	19.7778	1.3972	1.2090	925	1061	1142	3128	HIGH	82
JL40	45.2032	1.7127	0.7191	1151	1135	841	3127	HIGH	83
CU39	45.6636	1.7108	0.7076	1157	1134	835	3126	HIGH	84
JU40	23.9269	1.0661	3.7771	961	948	1216	3125	HIGH	85
PS11	22.1852	1.3725	1.1620	948	1049	1126	3123	HIGH	86
JL33	43.0332	1.5419	0.7667	1138	1099	885	3122	HIGH	87
PL38	33.5627	1.3450	0.9443	1042	1042	1038	3122	HIGH	88
YO62	28.9256	1.0139	1.5139	1003	935	1184	3122	HIGH	89
YO56	35.3859	1.2800	0.9580	1060	1013	1048	3121	HIGH	90
CB08	45.5140	1.6106	0.7357	1154	1111	855	3120	HIGH	91
CM18	29.1771	1.1214	1.2669	1005	964	1149	3118	HIGH	92
CU45	40.3551	2.1699	0.6789	1117	1196	798	3111	HIGH	93
YO46	29.2549	1.1655	1.1513	1007	981	1121	3109	HIGH	94

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
YO32	33.6309	1.1912	0.9872	1045	989	1068	3102	HIGH	95
JL46	46.5349	1.7480	0.6738	1160	1148	790	3098	HIGH	96
PS21	20.6822	1.2118	1.3286	936	996	1164	3096	HIGH	97
CU33	48.6034	1.8940	0.6407	1172	1172	747	3091	HIGH	98
PS14	21.5671	1.6191	0.9293	942	1113	1030	3085	HIGH	99
PS05	18.3161	1.3753	1.1521	912	1050	1122	3084	HIGH	100
PL72	30.5643	1.4152	0.8915	1017	1067	996	3080	HIGH	101
RD68	23.4216	1.0683	1.4405	954	949	1175	3078	HIGH	102
PS03	18.8730	1.5331	0.9792	917	1096	1062	3075	HIGH	103
RA56	38.4362	1.3676	0.8129	1098	1044	925	3067	HIGH	104
PL68	31.0445	1.5913	0.8268	1022	1106	934	3062	HIGH	105
JL26	27.9554	0.9308	1.3150	990	910	1161	3061	HIGH	106
CU15	24.0804	1.1064	1.1902	965	960	1133	3058	HIGH	107
YO60	35.8955	1.2700	0.8843	1065	1008	985	3058	HIGH	108
JL25	33.5108	1.1098	0.9531	1041	963	1047	3051	HIGH	109
CU35	39.2814	1.5187	0.7328	1106	1092	850	3048	HIGH	110
YO26	33.7136	1.3279	0.8537	1046	1040	959	3045	HIGH	111
JL06	37.3857	1.3138	0.8157	1084	1029	929	3042	HIGH	112
PS59	17.6107	1.1939	1.2679	898	990	1151	3039	HIGH	113
JL42	45.6053	1.7316	0.6362	1156	1143	739	3038	HIGH	114
YO47	34.5706	1.3797	0.8156	1055	1055	928	3038	HIGH	115
RA20	28.8114	1.0605	1.0242	1000	947	1085	3032	HIGH	116
JL14	37.6095	1.3026	0.8066	1087	1023	917	3027	HIGH	117
CU52	30.5483	1.1235	0.9449	1016	966	1040	3022	HIGH	118
CM25	29.0769	1.3253	0.8731	1004	1038	975	3017	HIGH	119

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
YO30	24.8418	1.1490	0.9698	968	975	1058	3001	HIGH	120
RA40	25.2427	1.1619	0.9510	970	980	1046	2996	HIGH	121
PS55	15.3397	1.2404	1.1987	852	1004	1138	2994	HIGH	122
YO11	22.7299	1.1245	0.9968	950	969	1074	2993	HIGH	123
RA21	28.6126	1.3237	0.8466	998	1036	954	2988	HIGH	124
PS58	17.9459	1.1044	1.1561	904	958	1125	2987	HIGH	125
PL34	29.7587	1.2715	0.8601	1011	1012	963	2986	HIGH	126
PS38	15.0231	1.1493	1.3315	845	976	1165	2986	HIGH	127
JL11	22.0097	0.8068	1.4748	946	860	1179	2985	HIGH	128
YO20	19.7765	0.8738	1.4177	924	888	1172	2984	HIGH	129
PS10	17.0977	1.1074	1.1399	893	961	1118	2972	HIGH	130
CU50	53.7393	2.0323	0.5409	1188	1187	592	2967	HIGH	131
RA38	29.7051	1.1826	0.8659	1009	985	971	2965	HIGH	132
CU43	28.9112	1.1887	0.8726	1002	988	974	2964	HIGH	133
JL10	39.8193	1.2492	0.7255	1111	1006	847	2964	HIGH	134
PS87	23.9295	0.9481	1.0321	962	914	1088	2964	HIGH	135
PL33	27.3216	1.1507	0.8897	987	977	994	2958	HIGH	136
YO42	23.3161	0.9582	1.0215	953	919	1084	2956	HIGH	137
CM28	42.5461	1.9472	0.5685	1134	1179	638	2951	HIGH	138
JL04	32.5011	1.1388	0.8372	1033	973	945	2951	HIGH	139
JA45	26.4955	1.0588	0.9130	982	946	1017	2945	HIGH	140
JL20	26.6874	0.9759	0.9402	983	926	1036	2945	HIGH	141
PS57	17.1398	1.1343	1.0085	894	970	1081	2945	HIGH	142
CU48	39.2695	1.5309	0.6403	1104	1094	745	2943	HIGH	143
JM50	18.5430	0.8922	1.1883	913	896	1132	2941	HIGH	144

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
AS06	95.1489	3.5016	0.4988	1214	1213	513	2940	HIGH	145
CB06	47.5256	1.6862	0.5704	1165	1131	642	2938	HIGH	146
YO28	25.5282	1.0154	0.9217	973	936	1024	2933	HIGH	147
YO10	20.1660	0.9867	0.9903	929	928	1070	2927	HIGH	148
CU40	35.3872	1.3680	0.6972	1061	1045	820	2926	HIGH	149
RA36	21.2140	0.8368	1.0788	941	878	1107	2926	HIGH	150
YO27	32.8688	1.2572	0.7594	1036	1007	878	2921	HIGH	151
JL34	23.8173	0.9523	0.9472	959	916	1043	2918	HIGH	152
JM62	18.0328	0.7181	1.8869	910	799	1203	2912	HIGH	153
CU42	31.6729	1.2713	0.7533	1024	1010	873	2907	HIGH	154
YO22	19.1792	0.8442	1.0731	920	880	1105	2905	HIGH	155
JA13	17.8585	0.9335	1.0346	902	911	1090	2903	HIGH	156
PL70	41.3209	2.1449	0.5371	1125	1194	583	2902	HIGH	157
RA58	34.1330	1.1607	0.7532	1049	979	872	2900	HIGH	158
RA62	43.5074	1.5001	0.5793	1142	1090	661	2893	HIGH	159
JL24	32.9649	1.1244	0.7656	1037	968	883	2888	HIGH	160
CB09	36.4819	1.2979	0.6776	1068	1022	795	2885	HIGH	161
PU17	16.9522	0.7417	1.4545	887	821	1177	2885	HIGH	162
YO33	23.6812	0.8851	0.9295	956	893	1031	2880	HIGH	163
CB24	44.1998	1.6019	0.5559	1147	1109	621	2877	HIGH	164
CM21	56.5995	2.1173	0.4842	1195	1193	481	2869	HIGH	165
JM15	14.5540	0.7766	1.5793	835	841	1192	2868	HIGH	166
JL12	21.6963	0.8553	0.9426	943	885	1037	2865	HIGH	167
YO25	20.9508	0.9153	0.9215	937	905	1023	2865	HIGH	168
PS61	15.7453	1.0408	0.9629	863	942	1054	2859	HIGH	169

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
CU25	19.5364	0.7928	1.0265	922	850	1086	2858	HIGH	170
RA61	36.5986	1.2948	0.6564	1070	1020	766	2856	HIGH	171
JA40	32.2545	1.2261	0.6996	1030	1000	824	2854	HIGH	172
PS64	17.9836	1.1733	0.8624	907	983	964	2854	HIGH	173
CU47	34.1444	1.3777	0.6371	1050	1052	741	2843	HIGH	174
PS34	18.8564	1.4363	0.7346	916	1070	854	2840	HIGH	175
RA51	33.5627	1.2714	0.6644	1043	1011	778	2832	HIGH	176
PL16	18.0049	0.7453	1.0458	908	825	1094	2827	HIGH	177
JL28	28.5072	1.0331	0.7717	996	938	890	2824	HIGH	178
RA46	24.9507	0.9704	0.8115	969	923	924	2816	HIGH	179
RA18	28.7912	1.1586	0.7089	999	978	837	2814	HIGH	180
YO09	18.0307	0.8816	0.9107	909	891	1013	2813	HIGH	181
JU50	13.6865	0.7268	1.7078	805	808	1198	2811	HIGH	182
PS39	13.5200	1.1699	0.9235	798	982	1026	2806	HIGH	183
RA27	16.5434	0.8063	0.9810	880	859	1063	2802	HIGH	184
RA65	34.6282	1.1790	0.6503	1056	984	762	2802	HIGH	185
JM75	14.1001	0.7286	1.4029	819	811	1171	2801	HIGH	186
CU63	42.2318	1.7858	0.4984	1132	1155	511	2798	HIGH	187
JL49	58.7194	2.1863	0.4422	1199	1197	397	2793	HIGH	188
PS09	17.0647	1.1346	0.8131	891	971	927	2789	HIGH	189
JM74	15.9316	0.6884	1.2992	869	765	1154	2788	HIGH	190
RA37	18.9812	0.7789	0.9202	918	843	1021	2782	HIGH	191
RA29	17.0166	0.7373	0.9959	889	819	1072	2780	HIGH	192
PS12	12.8481	0.8893	1.0625	778	895	1103	2776	HIGH	193
CU64	37.9722	1.6794	0.5171	1092	1130	548	2770	HIGH	194

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
NE85	15.2972	0.6325	2.6341	851	705	1214	2770	HIGH	195
YO31	42.7483	1.6703	0.4974	1136	1125	508	2769	HIGH	196
JL19	28.1929	1.0863	0.6965	992	955	819	2766	HIGH	197
JL23	30.8546	0.9871	0.6931	1020	929	815	2764	HIGH	198
CB17	38.7158	1.3693	0.5543	1100	1046	615	2761	HIGH	199
PL41	14.7683	0.6835	1.3066	840	762	1158	2760	HIGH	200
JL22	29.6191	0.9414	0.7085	1008	913	836	2757	HIGH	201
CU54	23.2699	0.8842	0.7972	952	892	912	2756	HIGH	202
RA23	20.3194	0.9487	0.7797	932	915	894	2741	HIGH	203
JA21	16.6616	0.8069	0.8887	884	861	992	2737	HIGH	204
JU21	15.2759	0.6539	1.3060	850	729	1157	2736	HIGH	205
PS54	19.5592	1.7561	0.5795	923	1150	663	2736	HIGH	206
CU53	22.6334	0.8445	0.7852	949	881	904	2734	HIGH	207
CU32	49.6932	1.8870	0.4361	1175	1169	387	2731	HIGH	208
PS66	11.9749	0.7175	1.9342	728	796	1206	2730	HIGH	209
CU28	17.9567	0.7029	0.9392	906	781	1035	2722	HIGH	210
RA50	38.3250	1.4968	0.5094	1097	1088	534	2719	HIGH	211
JL47	44.6862	1.7177	0.4556	1150	1137	430	2717	HIGH	212
YO18	17.0864	0.8026	0.8650	892	856	969	2717	HIGH	213
PS28	17.3052	1.1375	0.7260	896	972	848	2716	HIGH	214
CM27	43.6990	1.9616	0.4373	1144	1182	389	2715	HIGH	215
CU61	45.3629	1.6052	0.4705	1152	1110	453	2715	HIGH	216
RA49	26.0914	1.0432	0.6748	980	943	791	2714	HIGH	217
PL65	21.7769	0.9089	0.7467	944	903	866	2713	HIGH	218
AO15	59.7978	2.0692	0.4045	1201	1189	322	2712	HIGH	219

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
JL16	22.9879	1.0030	0.7018	951	932	828	2711	HIGH	220
CM23	21.1081	0.8262	0.7833	939	871	900	2710	HIGH	221
JM72	14.6062	0.6000	1.6103	837	677	1194	2708	HIGH	222
PS74	12.6152	0.8092	0.9962	772	863	1073	2708	HIGH	223
PL59	20.6020	0.9084	0.7497	935	902	869	2706	HIGH	224
PS68	15.8789	1.0263	0.7839	866	937	901	2704	HIGH	225
JM49	13.4289	0.7424	1.0004	795	823	1079	2697	HIGH	226
CU17	30.9513	1.2117	0.5878	1021	995	677	2693	HIGH	227
RU75	15.5245	0.7535	0.9004	861	828	1003	2692	HIGH	228
PL39	26.0422	1.0567	0.6583	979	945	767	2691	HIGH	229
PL60	14.7729	0.6397	1.1560	841	715	1124	2680	HIGH	230
CU12	19.7781	0.9623	0.6975	926	920	822	2668	HIGH	231
CU49	34.3559	1.3765	0.5245	1053	1051	564	2668	HIGH	232
RA30	15.8412	0.6465	1.0110	865	721	1082	2668	HIGH	233
PS62	17.0495	1.3779	0.6212	890	1053	722	2665	HIGH	234
JA27	15.9179	0.7515	0.8625	868	826	965	2659	HIGH	235
RU93	13.4306	0.6163	1.4198	796	688	1173	2657	HIGH	236
CU24	17.2275	0.6957	0.8846	895	775	986	2656	HIGH	237
PS67	14.6123	1.0112	0.7658	838	934	884	2656	HIGH	238
JL17	25.6191	1.0900	0.6154	974	956	717	2647	HIGH	239
PS27	12.6172	0.8961	0.8734	773	898	976	2647	HIGH	240
PL37	23.7249	1.0541	0.6376	957	944	743	2644	HIGH	241
PS31	16.3240	1.2401	0.6497	878	1003	760	2641	HIGH	242
JU13	12.5159	0.7039	1.0342	767	784	1089	2640	HIGH	243
PS51	20.4730	1.9140	0.5066	933	1174	529	2636	HIGH	244

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
CL04	49.3130	2.1455	0.3710	1174	1195	266	2635	HIGH	245
CM32	40.2476	1.7475	0.4299	1115	1147	373	2635	HIGH	246
PS24	13.5327	1.0004	0.7842	800	930	903	2633	HIGH	247
JM78	13.8849	0.6169	1.1721	811	689	1128	2628	MED	248
JM83	15.4127	0.6410	0.9641	854	717	1056	2627	MED	249
CB02	28.2053	0.9750	0.6056	993	925	706	2624	MED	250
RL12	14.1125	0.6772	0.9605	820	752	1051	2623	MED	251
CB11	28.1527	1.0051	0.5978	991	933	695	2619	MED	252
PL36	21.0804	0.9367	0.6534	938	912	764	2614	MED	253
CU14	18.5929	0.8538	0.6924	914	884	813	2611	MED	254
PS08	12.5383	0.9234	0.8230	768	907	933	2608	MED	255
CL03	42.0827	1.8755	0.3978	1131	1165	311	2607	MED	256
JA42	19.9781	0.8249	0.6902	928	870	809	2607	MED	257
PS35	16.2669	1.2977	0.6101	876	1021	710	2607	MED	258
PS63	15.4302	1.2813	0.6335	856	1014	733	2603	MED	259
JU68	11.9363	0.7886	0.9231	727	848	1025	2600	MED	260
PS75	14.4402	0.7535	0.8319	833	827	940	2600	MED	261
PS65	15.7373	1.3224	0.6011	862	1035	700	2597	MED	262
RU79	14.3327	0.7176	0.8658	829	797	970	2596	MED	263
YO13	13.2961	0.7867	0.8441	793	847	952	2592	MED	264
CL05	54.3508	2.4412	0.3231	1191	1201	194	2586	MED	265
JL08	15.4280	0.6395	0.9107	855	714	1014	2583	MED	266
TC34	10.7400	0.6715	1.5332	654	742	1187	2583	MED	267
YO39	18.2321	0.8590	0.6682	911	887	785	2583	MED	268
JA17	13.2352	0.7031	0.9028	791	782	1006	2579	MED	269

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
TP13	16.6544	0.6875	0.8172	883	764	932	2579	MED	270
CU46	37.7589	1.4756	0.4473	1088	1080	410	2578	MED	271
RU84	13.4583	0.6820	0.9203	797	759	1022	2578	MED	272
RA48	16.0133	0.6726	0.8584	871	744	961	2576	MED	273
RA63	31.8377	1.0832	0.5414	1029	953	594	2576	MED	274
RD70	14.5576	0.6732	0.8912	836	745	995	2576	MED	275
JM39	11.9296	0.5780	1.9378	726	635	1207	2568	MED	276
AS05	59.3312	2.2176	0.3064	1200	1198	168	2566	MED	277
RU57	12.6030	0.7043	0.9066	771	785	1010	2566	MED	278
PU20	14.5297	0.5860	0.9991	834	649	1076	2559	MED	279
JL13	17.9536	0.5996	0.8735	905	675	977	2557	MED	280
CB04	36.4625	1.2368	0.4883	1067	1001	486	2554	MED	281
TP09	11.8893	0.5783	1.5569	725	639	1189	2553	MED	282
RD54	14.3326	0.7576	0.7723	828	830	892	2550	MED	283
RU66	13.6569	0.6786	0.8818	804	757	984	2545	MED	284
RU69	13.9814	0.7151	0.8279	814	792	938	2544	MED	285
AO13	67.2109	2.5001	0.2849	1204	1203	126	2533	MED	286
JA25	14.2995	0.7249	0.7841	825	806	902	2533	MED	287
PL15	14.8784	0.7730	0.7336	843	837	853	2533	MED	288
RU70	16.1748	0.7660	0.6978	874	834	823	2531	MED	289
CM31	30.0143	1.3148	0.4879	1013	1031	485	2529	MED	290
YO45	12.6890	0.5894	1.0569	774	656	1097	2527	MED	291
RU86	11.4442	0.6542	1.0374	703	730	1092	2525	MED	292
JA23	15.7965	0.7116	0.7523	864	789	871	2524	MED	293
CB13	16.1470	0.6357	0.8354	873	709	941	2523	MED	294

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
PS37	13.0060	1.0707	0.6685	785	951	787	2523	MED	295
CL02	40.9600	1.8345	0.3517	1120	1163	239	2522	MED	296
RD73	11.9944	0.6869	0.9269	730	763	1028	2521	MED	297
RA19	16.9271	0.8168	0.6590	886	866	768	2520	MED	298
JU37	10.8625	0.6508	1.1822	664	724	1131	2519	MED	299
YO06	13.6017	0.6418	0.8936	803	718	997	2518	MED	300
AS04	76.7449	2.8373	0.2568	1207	1205	96	2508	MED	301
AO21	53.4302	1.9057	0.2937	1187	1173	144	2504	MED	302
CU09	14.1242	0.6919	0.8003	821	769	914	2504	MED	303
TP08	11.7757	0.5417	1.7562	718	587	1199	2504	MED	304
CB01	36.5582	1.2412	0.4544	1069	1005	426	2500	MED	305
PU11	12.5706	0.7783	0.7707	769	842	889	2500	MED	306
NE59	12.1465	0.6185	0.9750	745	691	1059	2495	MED	307
RU74	13.9151	0.7197	0.7607	813	803	879	2495	MED	308
AS12	79.3596	3.0263	0.2433	1208	1208	78	2494	MED	309
CU67	32.7905	1.4106	0.4398	1035	1065	394	2494	MED	310
CU69	39.5664	1.7186	0.3568	1109	1138	246	2493	MED	311
PS04	12.0890	0.8285	0.7609	737	872	880	2489	MED	312
JM42	12.1803	0.5899	0.9999	749	660	1078	2487	MED	313
JL45	47.6866	1.8590	0.2984	1168	1164	152	2484	MED	314
TC35	11.8199	0.5178	2.3155	723	549	1212	2484	MED	315
CB10	16.2454	0.6013	0.8103	875	679	922	2476	MED	316
AS02	56.1982	2.0920	0.2539	1193	1191	91	2475	MED	317
JR16	11.3673	0.5932	1.0643	698	666	1104	2468	MED	318
RA66	34.8094	1.1400	0.4590	1057	974	433	2464	MED	319

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
AS15	82.7675	3.1584	0.1893	1212	1211	40	2463	MED	320
PS41	13.5928	1.0853	0.6055	802	954	705	2461	MED	321
AS08	102.0368	3.8154	0.1592	1216	1216	28	2460	MED	322
JL44	45.7293	1.7187	0.3036	1158	1139	161	2458	MED	323
RA17	30.0034	1.1885	0.4729	1012	987	457	2456	MED	324
JM44	15.4740	0.7245	0.6760	857	805	793	2455	MED	325
CB26	36.8728	1.4769	0.3898	1075	1082	297	2454	MED	326
AS09	80.8203	3.0482	0.1739	1211	1209	33	2453	MED	327
JL48	48.2533	1.8816	0.2758	1170	1168	114	2452	MED	328
AS10	79.6422	3.1144	0.1728	1209	1210	31	2450	MED	329
CB25	42.3770	1.6363	0.3237	1133	1121	195	2449	MED	330
CU65	31.7728	1.4708	0.4149	1028	1079	337	2444	MED	331
JL51	67.3728	2.5349	0.1804	1205	1204	35	2444	MED	332
CM30	23.8111	1.1244	0.5004	958	967	518	2443	MED	333
AS07	91.6425	3.4636	0.1362	1213	1212	17	2442	MED	334
AS01	98.1420	3.6671	0.1084	1215	1215	11	2441	MED	335
JL52	80.7126	3.6548	0.1324	1210	1214	14	2438	MED	336
RA16	14.1847	0.6782	0.7363	823	756	858	2437	MED	337
JA44	24.0092	1.0377	0.5085	963	940	533	2436	MED	338
CB05	34.4558	1.1832	0.4375	1054	986	390	2430	MED	339
JM84	17.7290	0.7173	0.6352	900	795	734	2429	MED	340
JR22	12.3170	0.6034	0.8852	760	681	988	2429	MED	341
CU68	31.7048	1.4005	0.4164	1025	1062	341	2428	MED	342
CB12	35.5725	1.2833	0.4226	1062	1015	350	2427	MED	343
TP07	11.4145	0.5597	1.1030	700	613	1113	2426	MED	344

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
CB30	67.4141	2.3930	0.1397	1206	1200	19	2425	MED	345
RA64	31.7374	1.0693	0.4663	1027	950	447	2424	MED	346
JL53	64.8112	2.8867	0.1263	1203	1207	12	2422	MED	347
RD71	10.8097	0.5660	1.2180	660	619	1143	2422	MED	348
JA26	13.5834	0.6815	0.7396	801	758	862	2421	MED	349
YO17	14.8772	0.7184	0.6640	842	801	777	2420	MED	350
JA24	14.4290	0.7665	0.6418	832	835	752	2419	MED	351
AO11	54.0199	1.9451	0.2054	1189	1178	50	2417	MED	352
PS06	11.3340	0.6923	0.8398	696	770	949	2415	MED	353
JM20	11.6343	0.6600	0.8630	713	733	967	2413	MED	354
CB14	15.0712	0.6395	0.7236	848	713	846	2407	MED	355
RU76	14.4090	0.7312	0.6502	831	814	761	2406	MED	356
TP16	10.9305	0.5672	1.1373	669	620	1117	2406	MED	357
PS40	12.8835	1.0752	0.5834	780	952	673	2405	MED	358
RA42	15.4757	0.8318	0.5814	859	875	669	2403	MED	359
CB41	49.9390	1.8276	0.2236	1178	1161	63	2402	MED	360
PS82	12.1205	0.6896	0.7765	740	767	893	2400	MED	361
PU10	10.7672	0.6312	0.9449	657	704	1039	2400	MED	362
RA07	15.0340	0.7302	0.6369	846	813	740	2399	MED	363
JL21	20.4875	0.8357	0.5387	934	876	588	2398	MED	364
CB42	51.7860	1.9141	0.1827	1184	1175	37	2396	MED	365
RA69	29.2425	0.9551	0.4801	1006	917	472	2395	MED	366
AO14	51.6379	1.9259	0.1732	1183	1176	32	2391	MED	367
PS53	17.7766	1.6744	0.4277	901	1128	362	2391	MED	368
CB33	57.7899	2.0472	0.0718	1196	1188	6	2390	MED	369

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
CM29	37.7659	1.6373	0.3113	1089	1122	178	2389	MED	370
JL55	38.0878	1.7000	0.3052	1093	1133	163	2389	MED	371
PS60	11.0383	0.9739	0.6683	677	924	786	2387	MED	372
JU30	12.1565	0.8035	0.6646	747	857	779	2383	MED	373
AS13	43.6277	1.7529	0.2534	1143	1149	89	2381	MED	374
TC32	9.9081	0.6646	0.9622	594	735	1052	2381	MED	375
PS85	13.8029	0.7697	0.6352	808	836	735	2379	MED	376
RD69	12.0546	0.6145	0.8522	734	686	958	2378	MED	377
PS52	15.0199	1.4459	0.4757	844	1072	461	2377	MED	378
RA41	16.5515	0.9564	0.5345	881	918	576	2375	MED	379
CB38	49.9249	1.7441	0.2040	1177	1145	49	2371	MED	380
CL01	43.0223	1.9294	0.2158	1137	1177	56	2370	MED	381
RA47	16.9619	0.6930	0.6087	888	771	708	2367	MED	382
CB35	50.7579	1.7939	0.1561	1180	1157	27	2364	MED	383
PS01	12.8442	0.8857	0.5962	777	894	693	2364	MED	384
CB31	51.0956	1.8208	0.1444	1181	1160	21	2362	MED	385
CU51	45.4928	1.7447	0.2229	1153	1146	62	2361	MED	386
JR21	11.3743	0.6702	0.8103	699	739	921	2359	MED	387
PL42	16.9138	0.8466	0.5398	885	882	590	2357	MED	388
RL14	13.1001	0.5967	0.7832	786	672	899	2357	MED	389
AS11	46.8235	1.8879	0.1515	1162	1170	24	2356	MED	390
PS69	11.1908	0.7116	0.7586	687	790	876	2353	MED	391
CB44	45.5454	1.6547	0.2296	1155	1124	68	2347	MED	392
CM17	14.2773	0.6894	0.6481	824	766	756	2346	MED	393
RU90	10.2394	0.5413	1.1942	620	586	1136	2342	MED	394

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
CB36	48.5264	1.7355	0.1526	1171	1144	26	2341	MED	395
YO41	16.1360	0.7426	0.5710	872	824	645	2341	MED	396
RU36	12.1883	0.7034	0.6862	750	783	806	2339	MED	397
CB43	44.3311	1.6281	0.2362	1149	1116	73	2338	MED	398
CB39	47.0211	1.7132	0.1764	1163	1136	34	2333	MED	399
CU66	37.0924	1.5795	0.2937	1080	1105	146	2331	MED	400
AO18	43.4777	1.5316	0.2546	1140	1095	94	2329	MED	401
CU36	37.2224	1.4787	0.3056	1081	1083	165	2329	MED	402
PL19	21.1827	0.8940	0.4901	940	897	490	2327	MED	403
RU71	11.7788	0.6210	0.8008	719	693	915	2327	MED	404
CB32	49.2895	1.7203	0.1079	1173	1141	10	2324	MED	405
RA68	30.3652	0.9671	0.4314	1015	922	378	2315	MED	406
NE84	12.8067	0.4711	0.9785	776	477	1061	2314	MED	407
CU27	12.1432	0.5523	0.8626	744	601	966	2311	MED	408
YO12	13.3087	0.6948	0.6359	794	774	738	2306	MED	409
RU87	12.0935	0.6053	0.7627	738	682	881	2301	MED	410
PU06	9.1469	0.7314	0.8445	529	815	953	2297	MED	411
TP17	10.7322	0.4499	2.0458	652	436	1208	2296	MED	412
RL08	11.5728	0.5123	0.9598	709	537	1049	2295	MED	413
RL11	12.9533	0.6159	0.7003	782	687	826	2295	MED	414
PS42	11.7972	0.9173	0.5796	722	906	664	2292	MED	415
YO23	10.7101	0.5034	1.1527	650	518	1123	2291	MED	416
RA28	10.9673	0.5554	0.9068	673	605	1011	2289	MED	417
JM81	11.8481	0.5896	0.7866	724	659	905	2288	MED	418
JU12	10.9990	0.6995	0.7048	675	780	833	2288	MED	419

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
PS07	12.1731	0.8083	0.5863	748	862	675	2285	MED	420
JM82	11.7857	0.5890	0.7867	721	655	906	2282	MED	421
PL32	14.1269	0.7286	0.5739	822	810	649	2281	MED	422
YO64	15.5066	0.5895	0.6528	860	658	763	2281	MED	423
JM35	11.7820	0.5786	0.8102	720	640	920	2280	MED	424
AS14	40.9958	1.5953	0.2091	1121	1107	51	2279	MED	425
PS02	11.4345	0.9307	0.5805	701	909	667	2277	MED	426
RD46	12.4778	0.6736	0.6552	766	746	765	2277	MED	427
PS49	15.9746	1.6269	0.3874	870	1114	291	2275	MED	428
RL13	14.0679	0.6579	0.6220	817	732	724	2273	MED	429
YA04	9.2294	0.5087	1.8565	542	529	1202	2273	MED	430
RA72	34.9494	1.1051	0.3633	1059	959	254	2272	MED	431
JU08	15.1564	0.8990	0.5028	849	900	521	2270	MED	432
AO08	37.5079	1.3036	0.3010	1086	1024	159	2269	MED	433
RA52	12.3702	0.5021	0.8857	761	515	990	2266	MED	434
CU70	37.2291	1.6146	0.2272	1082	1112	67	2261	MED	435
PS43	11.6177	0.8368	0.5833	712	877	672	2261	MED	436
JU33	12.2350	0.9665	0.5374	753	921	584	2258	MED	437
RA70	23.6328	0.7832	0.4718	955	846	454	2255	MED	438
JA28	16.2841	0.7646	0.5135	877	833	544	2254	MED	439
AO04	36.8754	1.5254	0.2473	1076	1093	83	2252	MED	440
AO10	41.9210	1.4570	0.1993	1130	1077	44	2251	MED	441
TC27	10.1441	0.6693	0.7815	614	736	897	2247	MED	442
RA67	27.3349	0.9039	0.4226	988	901	351	2240	MED	443
PS79	12.2612	0.7166	0.5933	756	794	689	2239	MED	444

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
RU61	12.8601	0.6942	0.5928	779	772	687	2238	MED	445
CU62	37.0628	1.2876	0.2891	1079	1016	139	2234	MED	446
CU10	17.9171	0.7539	0.4947	903	829	500	2232	MED	447
TP15	9.8755	0.4577	1.5832	589	450	1193	2232	MED	448
TP06	9.9700	0.6175	0.8278	602	690	937	2229	MED	449
JU63	10.9458	0.7352	0.6356	670	818	736	2224	MED	450
CU26	13.5240	0.5794	0.6658	799	641	781	2221	MED	451
AO02	27.1863	1.2138	0.3492	986	998	234	2218	MED	452
CU08	13.8557	0.6503	0.5897	810	723	683	2216	MED	453
JL07	16.5998	0.5780	0.5961	882	636	692	2210	MED	454
YO08	13.0033	0.6967	0.5737	784	777	648	2209	MED	455
JM12	10.6373	0.6091	0.7555	646	683	874	2203	MED	456
AS18	33.1893	1.5420	0.2187	1039	1100	60	2199	MED	457
RA71	24.2545	0.7753	0.4404	966	838	395	2199	MED	458
CB03	38.2744	1.2910	0.2489	1096	1017	85	2198	MED	459
RU78	13.2081	0.6702	0.5797	790	738	665	2193	MED	460
YO44	13.1736	0.6279	0.6047	788	701	703	2192	MED	461
TH45	8.8434	0.4788	1.6828	503	492	1196	2191	MED	462
TC23	9.7949	0.5408	0.9142	585	585	1018	2188	MED	463
AO09	39.4197	1.2702	0.2300	1108	1009	70	2187	MED	464
TC33	8.7420	0.5451	1.0590	492	595	1099	2186	MED	465
RA06	12.3072	0.6296	0.6166	759	702	719	2180	MED	466
RU92	10.5532	0.5088	0.9060	640	530	1009	2179	MED	467
AS20	30.6905	1.4819	0.2404	1018	1084	74	2176	MED	468
RD58	12.0560	0.6529	0.6117	735	725	714	2174	MED	469

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
CU29	16.4929	0.6545	0.5237	879	731	562	2172	MED	470
JA31	15.0452	0.7252	0.4989	847	807	514	2168	MED	471
JA14	12.1505	0.7186	0.5553	746	802	619	2167	MED	472
PL14	12.4403	0.5880	0.6411	765	654	748	2167	MED	473
YO34	24.0443	0.9117	0.3918	964	904	299	2167	MED	474
CB16	33.6263	1.2375	0.2818	1044	1002	119	2165	MED	475
JM80	11.0888	0.4878	0.8785	682	502	980	2164	MED	476
JU34	15.4746	1.1012	0.4221	858	957	348	2163	MED	477
CU23	11.1510	0.5224	0.8025	684	555	916	2155	MED	478
CB46	36.1055	1.4225	0.1366	1066	1068	18	2152	MED	479
JM76	12.2938	0.5554	0.6702	758	606	788	2152	MED	480
CB18	35.7612	1.3409	0.2003	1064	1041	45	2150	MED	481
PS84	10.7305	0.6249	0.6797	651	699	800	2150	MED	482
TC31	8.9687	0.5430	0.9468	514	592	1042	2148	MED	483
CM15	11.3252	0.5195	0.7828	694	551	898	2143	MED	484
JU59	8.4694	0.5965	0.8981	469	671	1001	2141	MED	485
JU15	11.1732	0.6764	0.6017	686	751	701	2138	MED	486
RA73	25.8238	0.8156	0.3885	977	865	294	2136	MED	487
YO16	12.2144	0.6273	0.5901	751	700	684	2135	MED	488
CM13	12.9359	0.5908	0.5936	781	662	690	2133	MED	489
TP14	11.0239	0.5747	0.7001	676	631	825	2132	MED	490
PL61	9.8896	0.4909	0.9319	591	505	1032	2128	MED	491
AS16	26.7142	1.2930	0.2823	984	1019	122	2125	MED	492
JU24	9.9393	0.5622	0.7970	599	615	911	2125	MED	493
RD75	11.1059	0.5813	0.6763	683	646	794	2123	MED	494

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
JA32	14.6822	0.7277	0.4802	839	809	473	2121	MED	495
RA74	26.1910	0.8290	0.3705	981	873	265	2119	MED	496
RU29	11.2232	0.5270	0.7495	688	562	868	2118	MED	497
TC26	8.6726	0.5381	0.9602	489	578	1050	2117	MED	498
PU05	14.3657	0.6006	0.5498	830	678	608	2116	MED	499
RU67	11.5515	0.6369	0.5986	708	710	697	2115	MED	500
JM65	13.7631	0.7759	0.4775	807	840	462	2109	MED	501
RU22	9.7012	0.4772	0.9504	578	486	1045	2109	MED	502
JU03	12.9898	0.8968	0.4509	783	899	420	2102	MED	503
JU61	12.2367	0.8816	0.4731	754	890	458	2102	MED	504
PL31	12.3915	0.6328	0.5627	763	706	633	2102	MED	505
JA20	9.9788	0.6698	0.6436	604	737	753	2094	MED	506
JU46	8.7653	0.4530	1.2448	495	445	1146	2086	MED	507
PU16	13.7426	0.6703	0.5105	806	740	536	2082	MED	508
RD02	8.2422	0.5065	1.0772	450	522	1106	2078	MED	509
JM33	8.5215	0.5956	0.8272	474	668	935	2077	MED	510
RU94	9.2011	0.4103	1.3575	537	368	1169	2074	MED	511
TP10	11.6355	0.6110	0.5854	714	684	674	2072	MED	512
JU32	12.4236	0.9267	0.4425	764	908	399	2071	MED	513
JU80	8.6731	0.4733	1.0598	490	481	1100	2071	MED	514
JL09	31.7293	0.8529	0.2973	1026	883	151	2060	MED	515
JM40	9.2227	0.5402	0.8292	538	583	939	2060	MED	516
AS19	27.0198	1.3060	0.2008	985	1025	46	2056	MED	517
JU22	8.5137	0.5395	0.8970	473	582	1000	2055	MED	518
TP04	11.2690	0.6902	0.5410	692	768	593	2053	MED	519

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
JM41	8.5765	0.6145	0.7685	480	685	887	2052	MED	520
TH44	7.8129	0.5120	1.0615	412	536	1102	2050	MED	521
JM60	10.8831	0.5322	0.6934	666	567	816	2049	MED	522
AS17	25.3784	1.2104	0.2452	971	994	81	2046	MED	523
PL40	17.6625	0.8182	0.3752	899	867	277	2043	MED	524
PL48	12.5746	0.5804	0.5595	770	643	629	2042	MED	525
CB45	32.5950	1.2027	0.1268	1034	992	13	2039	MED	526
PS44	10.5918	0.8561	0.4974	643	886	509	2038	MED	527
JM79	11.7565	0.5175	0.6592	717	547	769	2033	MED	528
PS50	14.0288	1.4515	0.2887	816	1074	137	2027	MED	529
RU68	10.9566	0.5962	0.5922	672	669	686	2027	MED	530
CU07	12.1200	0.5908	0.5563	739	661	623	2023	MED	531
RD63	11.9946	0.6241	0.5446	731	696	596	2023	MED	532
RU05	7.8131	0.4629	1.2676	413	457	1150	2020	MED	533
TH37	7.1903	0.4830	1.3092	362	497	1159	2018	MED	534
PU14	10.2604	0.5914	0.6205	623	663	721	2007	MED	535
JU20	10.6855	0.6535	0.5581	649	727	626	2002	MED	536
JU27	10.6094	0.7176	0.5230	644	798	559	2001	MED	537
RU21	8.7867	0.4349	0.9997	497	409	1077	1983	MED	538
PL58	9.9766	0.5303	0.6926	603	565	814	1982	MED	539
YO14	10.2249	0.5261	0.6813	619	561	802	1982	MED	540
JL18	20.2658	0.8038	0.3191	931	858	189	1978	MED	541
PL02	13.1651	0.5227	0.5591	787	556	628	1971	MED	542
JA33	13.1882	0.6329	0.4789	789	707	469	1965	MED	543
JM48	10.4553	0.5486	0.6333	632	599	732	1963	MED	544

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
YO21	11.6947	0.5304	0.5881	716	566	680	1962	MED	545
JM53	10.2477	0.6243	0.5687	621	697	639	1957	MED	546
CB19	28.4930	1.0017	0.1722	995	931	30	1956	MED	547
PS36	12.0873	1.0406	0.3758	736	941	278	1955	MED	548
TP05	8.7785	0.5651	0.7180	496	617	840	1953	MED	549
JU35	8.9084	0.7380	0.5533	509	820	614	1943	MED	550
RU91	9.8772	0.5159	0.6907	590	542	810	1942	MED	551
JA38	9.5068	0.4274	0.8805	564	392	983	1939	MED	552
JA18	11.3303	0.7127	0.4698	695	791	452	1938	MED	553
TC24	8.3760	0.5914	0.6913	463	664	811	1938	MED	554
CB21	25.8076	1.0367	0.1460	976	939	22	1937	MED	555
PL64	12.0478	0.5818	0.5183	733	648	553	1934	MED	556
PS30	10.7807	0.7154	0.4825	659	793	480	1932	MED	557
RL16	9.0580	0.4377	0.8944	520	414	998	1932	MED	558
CU30	19.1491	0.8150	0.2922	919	864	141	1924	MED	559
JM63	10.9010	0.6959	0.4820	667	776	478	1921	MED	560
YO40	11.2731	0.6426	0.4971	693	719	507	1919	MED	561
PL44	14.3189	0.7796	0.3563	827	844	245	1916	MED	562
PL35	11.2448	0.5777	0.5395	690	634	589	1913	MED	563
JM13	8.8397	0.5181	0.7375	500	550	860	1910	MED	564
JM17	8.8637	0.6607	0.5820	505	734	670	1909	MED	565
TP12	10.0748	0.5418	0.6107	609	588	712	1909	MED	566
JM45	8.8564	0.5133	0.7358	504	539	857	1900	MED	567
CM22	14.0689	0.5950	0.4486	818	667	414	1899	MED	568
JA12	10.1760	0.6000	0.5464	617	676	601	1894	MED	569

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
YO67	14.3160	0.6331	0.4253	826	708	357	1891	MED	570
JA16	11.2459	0.6453	0.4809	691	720	476	1887	MED	571
JU06	15.3436	0.9790	0.2653	853	927	105	1885	MED	572
JU49	7.1579	0.4453	1.0477	359	428	1095	1882	MED	573
RD61	10.1066	0.5333	0.6007	612	571	699	1882	MED	574
CB15	22.0011	0.7934	0.2442	945	851	79	1875	MED	575
PL45	18.7515	0.7298	0.2951	915	812	148	1875	MED	576
RU77	11.5881	0.6301	0.4743	710	703	460	1873	MED	577
JM58	11.0513	0.5813	0.5158	678	647	546	1871	MED	578
RU32	10.5802	0.5114	0.5985	641	534	696	1871	MED	579
RU89	8.6599	0.5105	0.7215	487	533	843	1863	MED	580
JU07	12.2276	0.7203	0.3945	752	804	306	1862	MED	581
JA34	13.9872	0.7108	0.3637	815	788	255	1858	MED	582
JM51	9.1641	0.5571	0.6159	531	608	718	1857	MED	583
PS48	6.7376	0.4417	1.0842	324	422	1111	1857	MED	584
JA02	10.6185	0.6483	0.4894	645	722	488	1855	MED	585
RD19	8.5935	0.4301	0.8692	481	399	973	1853	MED	586
TP18	8.4082	0.5454	0.6755	464	597	792	1853	MED	587
RD49	9.9640	0.5403	0.5802	601	584	666	1851	MED	588
TH39	6.7007	0.3988	1.5031	320	349	1182	1851	MED	589
PL56	11.6767	0.6216	0.4612	715	694	437	1846	MED	590
YO15	10.5833	0.5288	0.5699	642	563	640	1845	MED	591
YO38	13.2706	0.6822	0.3879	792	760	292	1844	MED	592
PS47	8.0382	0.5141	0.7438	436	540	865	1841	MED	593
RL20	9.1952	0.4524	0.7412	535	443	863	1841	MED	594

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
RU81	10.8440	0.5674	0.5204	662	621	556	1839	MED	595
JM86	15.8935	0.7061	0.3153	867	786	184	1837	MED	596
RA22	12.1430	0.6773	0.4127	743	754	335	1832	MED	597
RU12	8.6041	0.4468	0.8097	482	431	919	1832	MED	598
JM34	8.3182	0.4598	0.8088	460	453	918	1831	MED	599
RD32	9.4345	0.5080	0.6358	560	528	737	1825	MED	600
YO24	11.4747	0.5452	0.5043	704	596	525	1825	MED	601
YO43	10.1108	0.5675	0.5381	613	623	586	1822	MED	602
TH23	6.0699	0.4441	1.2303	248	426	1145	1819	MED	603
RU62	11.5293	0.6385	0.4422	707	711	398	1816	MED	604
CU04	10.6714	0.5813	0.5035	648	645	522	1815	MED	605
NE11	6.5738	0.4085	1.2514	299	366	1147	1812	MED	606
YA06	7.2173	0.4467	0.9127	366	430	1016	1812	MED	607
RA15	10.0567	0.5698	0.5304	608	628	573	1809	MED	608
PL13	10.8724	0.5678	0.5018	665	624	519	1808	MED	609
JR20	9.5964	0.5877	0.5364	571	653	582	1806	MED	610
RD43	9.1177	0.4784	0.6724	527	489	789	1805	MED	611
JA37	8.5358	0.4389	0.7949	475	417	910	1802	MED	612
JU83	8.0005	0.5582	0.6496	432	611	758	1801	MED	613
BS34	5.9970	0.4326	1.3017	239	406	1155	1800	MED	614
PU09	9.9217	0.5423	0.5515	598	589	612	1799	MED	615
RU23	8.5111	0.4135	0.8392	472	372	947	1791	MED	616
RA31	8.8688	0.4694	0.6917	506	472	812	1790	MED	617
CM16	10.9907	0.5425	0.5039	674	590	524	1788	MED	618
JA07	11.4853	0.6772	0.4072	705	753	329	1787	MED	619

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
PL43	12.2792	0.6826	0.3715	757	761	269	1787	MED	620
PL12	10.5077	0.4523	0.6048	637	442	704	1783	MED	621
JM32	8.1941	0.4875	0.7027	448	501	830	1779	MED	622
JM21	7.4950	0.4447	0.8600	388	427	962	1777	MED	623
CU21	8.1709	0.4061	0.8515	446	364	957	1767	LOW	624
YA03	7.4908	0.4165	0.8985	386	378	1002	1766	LOW	625
JA09	9.8953	0.5488	0.5301	593	600	572	1765	LOW	626
RD45	9.2231	0.4654	0.6488	539	466	757	1762	LOW	627
JM61	10.1033	0.5463	0.5176	611	598	551	1760	LOW	628
RD57	10.3894	0.5617	0.4997	630	614	516	1760	LOW	629
TC22	7.2637	0.4016	0.9335	370	355	1033	1758	LOW	630
RA34	10.5278	0.5381	0.5106	638	577	539	1754	LOW	631
PL46	10.7501	0.5566	0.4894	655	607	489	1751	LOW	632
RU73	9.4659	0.5078	0.5785	562	526	660	1748	LOW	633
RL10	9.7822	0.5000	0.5741	583	513	651	1747	LOW	634
YO65	12.2587	0.5079	0.4783	755	527	465	1747	LOW	635
JU55	7.5163	0.4809	0.7387	391	493	861	1745	LOW	636
JU56	6.3661	0.4167	1.0120	282	380	1083	1745	LOW	637
PL09	10.0394	0.4328	0.6333	607	407	731	1745	LOW	638
RU30	10.2917	0.5039	0.5466	624	519	602	1745	LOW	639
JU31	9.1166	0.6944	0.4579	526	773	432	1731	LOW	640
JU11	10.0980	0.6749	0.4296	610	748	371	1729	LOW	641
RD74	9.1611	0.4989	0.5895	530	512	682	1724	LOW	642
CU22	9.3346	0.4363	0.6497	550	411	759	1720	LOW	643
CU20	8.3619	0.3955	0.8003	462	343	913	1718	LOW	644

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
JA39	11.4930	0.5328	0.4635	706	569	443	1718	LOW	645
CB23	19.8078	0.6993	0.0705	927	779	5	1711	LOW	646
JM23	7.1091	0.4163	0.8769	355	377	979	1711	LOW	647
RU28	8.0086	0.4695	0.6810	434	473	801	1708	LOW	648
RD44	9.6499	0.5009	0.5552	575	514	618	1707	LOW	649
RU20	7.1530	0.3814	0.9378	358	310	1034	1702	LOW	650
NE75	7.0878	0.3759	0.9492	354	295	1044	1693	LOW	651
PL26	13.9113	0.8026	0.1490	812	855	23	1690	LOW	652
RU04	7.2118	0.4383	0.7925	364	415	909	1688	LOW	653
CM12	10.2993	0.4528	0.5496	625	444	607	1676	LOW	654
RA35	9.1039	0.5446	0.5221	523	594	558	1675	LOW	655
NE58	8.4422	0.3698	0.8112	467	282	923	1672	LOW	656
JM25	8.1734	0.4944	0.6116	447	507	713	1667	LOW	657
JU29	11.0836	0.7756	0.2945	680	839	147	1666	LOW	658
JU78	7.3549	0.4487	0.7358	376	433	856	1665	LOW	659
CM05	8.9920	0.4873	0.5729	516	500	647	1663	LOW	660
RD05	7.9013	0.4007	0.7679	424	351	886	1661	LOW	661
RU59	9.3332	0.5290	0.5168	549	564	547	1660	LOW	662
TC30	8.2370	0.4635	0.6411	449	460	749	1658	LOW	663
PL30	12.7051	0.7323	0.2190	775	816	61	1652	LOW	664
PL03	11.3621	0.3784	0.5753	697	302	652	1651	LOW	665
RU64	10.7727	0.5687	0.4287	658	626	366	1650	LOW	666
JA29	11.9988	0.6714	0.3065	732	741	169	1642	LOW	667
PS76	9.3461	0.5164	0.5157	553	544	545	1642	LOW	668
YO68	13.8393	0.5027	0.4014	809	516	317	1642	LOW	669

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
RU58	9.6622	0.5870	0.4483	576	652	413	1641	LOW	670
JM24	7.3494	0.4465	0.7047	375	429	832	1636	LOW	671
NE04	5.9836	0.3592	1.1905	237	261	1134	1632	LOW	672
JM16	9.7133	0.5531	0.4663	579	602	448	1629	LOW	673
RA44	9.5414	0.6203	0.4293	568	692	368	1628	LOW	674
RU08	8.9287	0.4320	0.6135	510	402	716	1628	LOW	675
TC16	7.0870	0.4668	0.6887	353	467	808	1628	LOW	676
PS70	8.2651	0.5335	0.5458	453	572	600	1625	LOW	677
RU03	6.3584	0.3946	0.9025	280	336	1005	1621	LOW	678
TH41	5.7676	0.3966	0.9891	207	344	1069	1620	LOW	679
PU04	11.0755	0.8000	0.2505	679	854	86	1619	LOW	680
PL52	8.8859	0.4649	0.5721	507	465	646	1618	LOW	681
JU04	10.3252	0.8809	0.2543	628	889	93	1610	LOW	682
PS45	7.6189	0.5221	0.5777	397	554	657	1608	LOW	683
JM54	9.2008	0.5782	0.4594	536	637	434	1607	LOW	684
JM64	9.9081	0.6536	0.3762	595	728	280	1603	LOW	685
PU19	12.3751	0.5685	0.3401	762	625	216	1603	LOW	686
RD52	9.8112	0.5370	0.4623	586	574	440	1600	LOW	687
RL18	7.9050	0.3769	0.7556	426	297	875	1598	LOW	688
CB22	17.4168	0.6232	0.0600	897	695	3	1595	LOW	689
JU05	11.0869	0.7808	0.2268	681	845	66	1592	LOW	690
PL55	9.3410	0.5917	0.4302	552	665	375	1592	LOW	691
PU22	10.5417	0.6401	0.3500	639	716	236	1591	LOW	692
CM14	10.1597	0.5212	0.4522	616	553	421	1590	LOW	693
YA07	6.8880	0.3789	0.8397	338	303	948	1589	LOW	694

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
JU64	7.8507	0.7340	0.4246	416	817	355	1588	LOW	695
RA26	9.3347	0.5119	0.4935	551	535	496	1582	LOW	696
TC17	6.6181	0.3123	1.0796	307	163	1109	1579	LOW	697
JA15	9.7391	0.5586	0.4333	580	612	383	1575	LOW	698
RU34	9.1795	0.4974	0.5083	532	511	532	1575	LOW	699
TP11	7.0020	0.4210	0.7219	348	383	844	1575	LOW	700
RU65	9.2513	0.5172	0.4868	543	546	484	1573	LOW	701
RD64	8.9302	0.4746	0.5353	511	482	578	1571	LOW	702
JU72	7.6363	0.5237	0.5525	399	558	613	1570	LOW	703
RD53	9.3178	0.5070	0.4939	547	524	498	1569	LOW	704
RU14	11.2438	0.5575	0.3718	689	609	270	1568	LOW	705
YO66	11.5972	0.4374	0.4644	711	413	444	1568	LOW	706
JM14	9.3578	0.5378	0.4608	555	576	436	1567	LOW	707
RL06	8.0778	0.3680	0.7332	438	277	852	1567	LOW	708
TC25	8.6406	0.5382	0.4954	485	579	503	1567	LOW	709
JA01	10.4901	0.6387	0.3414	634	712	218	1564	LOW	710
JU73	9.5869	0.4729	0.4987	570	480	512	1562	LOW	711
RA45	12.1295	0.5809	0.3085	741	644	176	1561	LOW	712
NE08	6.3752	0.3423	0.9622	283	224	1053	1560	LOW	713
PS81	9.0875	0.5101	0.4970	522	532	506	1560	LOW	714
PU02	11.1633	0.7419	0.2133	685	822	53	1560	LOW	715
JU02	10.3031	0.8188	0.2254	626	868	65	1559	LOW	716
TP02	8.1591	0.5155	0.5295	442	541	571	1554	LOW	717
YO02	9.8902	0.5711	0.4110	592	629	333	1554	LOW	718
JU09	10.0277	0.6752	0.3251	606	749	196	1551	LOW	719

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
RU11	8.2661	0.4783	0.5487	454	487	606	1547	LOW	720
CM03	9.5738	0.5233	0.4507	569	557	419	1545	LOW	721
JU86	7.1739	0.4480	0.6413	361	432	750	1543	LOW	722
JU84	7.8922	0.5758	0.4864	422	633	482	1537	LOW	723
JU28	9.6855	0.7967	0.2675	577	853	106	1536	LOW	724
JA10	10.4940	0.6246	0.3292	635	698	201	1534	LOW	725
PL57	8.6081	0.4600	0.5421	483	455	595	1533	LOW	726
JU36	9.7903	0.5749	0.4005	584	632	316	1532	LOW	727
JU74	8.4553	0.3947	0.6246	468	338	726	1532	LOW	728
TC20	10.5052	0.5393	0.3988	636	581	315	1532	LOW	729
RU72	8.6594	0.4506	0.5482	486	440	604	1530	LOW	730
JR15	6.3234	0.3898	0.8129	277	324	926	1527	LOW	731
JU65	9.2714	0.7079	0.3230	545	787	193	1525	LOW	732
JU43	6.2051	0.3847	0.8363	265	316	942	1523	LOW	733
NE36	6.3000	0.3819	0.8276	274	312	936	1522	LOW	734
RU33	9.0369	0.4323	0.5446	519	405	597	1521	LOW	735
CM08	8.6603	0.4568	0.5363	488	449	581	1518	LOW	736
NE03	6.3822	0.3410	0.9069	284	221	1012	1517	LOW	737
CU06	10.4827	0.5863	0.3434	633	650	223	1506	LOW	738
JA04	9.4688	0.5782	0.3938	563	638	305	1506	LOW	739
RU80	9.6306	0.5057	0.4458	573	521	406	1500	LOW	740
JR14	7.1590	0.3538	0.7687	360	251	888	1499	LOW	741
JA03	9.5109	0.6021	0.3616	565	680	253	1498	LOW	742
JU14	10.3262	0.6971	0.2537	629	778	90	1497	LOW	743
PU18	11.4351	0.5043	0.3725	702	520	272	1494	LOW	744

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
JU62	9.9168	0.7966	0.1988	597	852	43	1492	LOW	745
NE56	9.1862	0.3800	0.5739	534	308	650	1492	LOW	746
PL63	10.9051	0.6759	0.2358	668	750	72	1490	LOW	747
TH40	4.9595	0.3540	1.1510	118	252	1120	1490	LOW	748
BS20	5.0894	0.3782	0.9764	129	300	1060	1489	LOW	749
RU85	9.5297	0.5159	0.4321	567	543	379	1489	LOW	750
CM11	9.9955	0.4961	0.4302	605	508	374	1487	LOW	751
RD47	9.3801	0.5077	0.4452	556	525	405	1486	LOW	752
NE45	7.8041	0.4133	0.6035	411	371	702	1484	LOW	753
CU16	8.2919	0.5066	0.4960	455	523	505	1483	LOW	754
RU63	10.2018	0.5330	0.3887	618	570	295	1483	LOW	755
TC19	7.4205	0.4599	0.5706	384	454	643	1481	LOW	756
JM18	9.4018	0.5580	0.3978	557	610	312	1479	LOW	757
JA19	8.4365	0.5387	0.4563	466	580	431	1477	LOW	758
JU41	6.2300	0.3588	0.8417	266	260	950	1476	LOW	759
JU57	6.1564	0.3903	0.7722	258	327	891	1476	LOW	760
JU76	8.3122	0.5552	0.4491	457	604	415	1476	LOW	761
RD60	9.3188	0.5176	0.4321	548	548	380	1476	LOW	762
PS72	7.5381	0.4971	0.5287	392	510	568	1470	LOW	763
RL01	8.3087	0.4012	0.5780	456	354	658	1468	LOW	764
NE62	7.2859	0.3891	0.6628	371	322	774	1467	LOW	765
YO07	9.6244	0.4847	0.4418	572	499	396	1467	LOW	766
JU69	9.6476	0.7617	0.2169	574	832	58	1464	LOW	767
JU01	9.4557	0.7591	0.2330	561	831	71	1463	LOW	768
YO05	8.9738	0.5094	0.4481	515	531	412	1458	LOW	769

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
PS78	7.7746	0.4821	0.5178	409	494	552	1455	LOW	770
NE55	6.9351	0.3666	0.7112	341	275	838	1454	LOW	771
CM01	7.9362	0.4670	0.5221	427	468	557	1452	LOW	772
RU31	9.2258	0.4117	0.5119	540	370	542	1452	LOW	773
RU83	9.2966	0.5800	0.3677	546	642	259	1447	LOW	774
JL02	10.7345	0.5963	0.2823	653	670	123	1446	LOW	775
PU07	8.9501	0.8418	0.2147	512	879	55	1446	LOW	776
RD41	8.1642	0.4428	0.5363	443	423	580	1446	LOW	777
TH36	4.8073	0.3459	1.1236	95	236	1115	1446	LOW	778
NE61	9.2589	0.3516	0.5762	544	246	654	1444	LOW	779
JU25	8.3154	0.6529	0.3654	459	726	257	1442	LOW	780
JA05	9.7585	0.5438	0.3693	582	593	264	1439	LOW	781
PU03	9.3564	0.7924	0.1810	554	849	36	1439	LOW	782
RL03	8.5408	0.4672	0.4916	478	469	492	1439	LOW	783
JM22	7.7232	0.4579	0.5321	406	451	575	1432	LOW	784
NE22	6.7075	0.3919	0.6636	321	332	776	1429	LOW	785
NE53	6.6035	0.3893	0.6827	303	323	803	1429	LOW	786
RD55	9.4303	0.5030	0.4239	559	517	353	1429	LOW	787
BS27	5.2022	0.3687	0.9011	139	280	1004	1423	LOW	788
JU38	7.9965	0.6743	0.3557	430	747	244	1421	LOW	789
RU07	7.7514	0.3757	0.6182	407	294	720	1421	LOW	790
BS15	5.4685	0.3656	0.8688	175	272	972	1419	LOW	791
NE02	5.8253	0.3177	0.9262	215	177	1027	1419	LOW	792
JU39	6.6240	0.4693	0.5681	310	471	637	1418	LOW	793
JA06	9.9127	0.5864	0.3076	596	651	170	1417	LOW	794

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
NE54	7.3603	0.3575	0.6678	378	256	783	1417	LOW	795
JU70	9.1040	0.7182	0.2528	524	800	88	1412	LOW	796
NE21	6.8366	0.4249	0.5959	334	387	691	1412	LOW	797
JR08	6.8068	0.3584	0.6974	330	259	821	1410	LOW	798
JM69	8.1060	0.5536	0.4279	440	603	365	1408	LOW	799
NE69	6.4892	0.3558	0.7368	293	255	859	1407	LOW	800
PL54	7.0794	0.4410	0.5676	350	421	636	1407	LOW	801
BS06	5.2188	0.3348	0.9638	140	208	1055	1403	LOW	802
JM59	9.5119	0.5696	0.3294	566	627	202	1395	LOW	803
JA08	9.9635	0.5894	0.2871	600	657	132	1389	LOW	804
JU85	7.2079	0.5378	0.4676	363	575	449	1387	LOW	805
PL07	9.4286	0.4215	0.4652	558	384	445	1387	LOW	806
JM77	8.8417	0.4274	0.4919	501	391	493	1385	LOW	807
BS23	5.2378	0.3699	0.8479	146	283	955	1384	LOW	808
JA30	10.3156	0.5675	0.2876	627	622	135	1384	LOW	809
JR19	8.8430	0.5717	0.3579	502	630	248	1380	LOW	810
RA05	7.9017	0.4429	0.5071	425	424	530	1379	LOW	811
JM52	8.3454	0.5656	0.3902	461	618	298	1377	LOW	812
JA41	9.8278	0.5629	0.3080	587	616	173	1376	LOW	813
NE07	5.8802	0.3063	0.9044	222	144	1008	1374	LOW	814
BS32	6.9372	0.3852	0.6089	342	318	709	1369	LOW	815
JM28	6.7081	0.5168	0.4948	322	545	501	1368	LOW	816
TC15	5.9237	0.4156	0.6468	229	376	754	1359	LOW	817
BS07	5.1849	0.3739	0.8171	137	290	931	1358	LOW	818
RD04	6.1568	0.3850	0.6631	259	317	775	1351	LOW	819

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
NE57	8.0869	0.4042	0.5174	439	360	550	1349	LOW	820
CM09	8.7425	0.4723	0.4299	493	479	372	1344	LOW	821
PL04	9.1832	0.3950	0.4789	533	342	468	1343	LOW	822
RU88	8.1258	0.4747	0.4493	441	483	416	1340	LOW	823
BS30	5.7070	0.3754	0.7212	200	293	842	1335	LOW	824
JU66	7.3573	0.8294	0.2470	377	874	82	1333	LOW	825
PS86	10.8444	0.4715	0.3164	663	478	185	1326	LOW	826
JM47	6.6123	0.4042	0.5774	306	361	656	1323	LOW	827
RD51	8.8874	0.5203	0.3690	508	552	263	1323	LOW	828
RD65	8.3128	0.4306	0.4780	458	401	464	1323	LOW	829
YO03	7.6722	0.4701	0.4623	403	474	441	1318	LOW	830
BS19	4.9496	0.3550	0.8381	115	253	946	1314	LOW	831
PL20	10.7613	0.4494	0.3433	656	434	222	1312	LOW	832
RU82	8.0076	0.4635	0.4495	433	462	417	1312	LOW	833
BS01	4.6777	0.3347	0.9197	83	207	1020	1310	LOW	834
JM06	6.3306	0.4259	0.5700	278	389	641	1308	LOW	835
PU01	6.7323	0.8201	0.2783	323	869	116	1308	LOW	836
CU19	7.5904	0.4007	0.5237	396	350	561	1307	LOW	837
JA11	8.8100	0.5980	0.2872	498	674	133	1305	LOW	838
JL38	11.9753	0.5328	0.0929	729	568	8	1305	LOW	839
TH19	8.6111	0.2239	0.6682	484	30	784	1298	LOW	840
RU56	8.5395	0.4963	0.3976	477	509	310	1296	LOW	841
PS29	9.0154	0.6778	0.1333	518	755	15	1288	LOW	842
NE10	5.7842	0.3206	0.7815	209	182	896	1287	LOW	843
PU15	7.3157	0.3657	0.5602	372	273	631	1276	LOW	844

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
RD59	8.8295	0.4786	0.3813	499	491	286	1276	LOW	845
RD16	6.0169	0.2965	0.7887	243	123	908	1274	LOW	846
JM43	7.3627	0.4294	0.4946	379	394	499	1272	LOW	847
RL24	8.7475	0.4012	0.4538	494	353	425	1272	LOW	848
JM67	7.8445	0.5979	0.3113	415	673	177	1265	LOW	849
RD35	8.1667	0.4503	0.4325	445	438	382	1265	LOW	850
JM55	7.9796	0.4783	0.4195	428	488	346	1262	LOW	851
JM05	5.8660	0.4009	0.5928	218	352	688	1258	LOW	852
BS24	5.2778	0.3713	0.6956	152	285	818	1255	LOW	853
JM73	8.4891	0.4702	0.3969	470	475	309	1254	LOW	854
NE18	5.7256	0.3771	0.6472	201	298	755	1254	LOW	855
JM68	7.7867	0.6721	0.2610	410	743	100	1253	LOW	856
BS03	5.3517	0.3736	0.6835	159	289	804	1252	LOW	857
JR02	6.3912	0.3048	0.7013	287	137	827	1251	LOW	858
RL19	9.0040	0.4269	0.4155	517	390	339	1246	LOW	859
PS73	6.2741	0.4531	0.5064	271	446	528	1245	LOW	860
JU10	7.4070	0.5124	0.4021	383	538	319	1240	LOW	861
BS04	5.0552	0.3485	0.7591	123	239	877	1239	LOW	862
CU11	6.9732	0.3579	0.5657	346	258	635	1239	LOW	863
BS33	5.4183	0.3654	0.6779	170	271	797	1238	LOW	864
JM46	6.6698	0.3196	0.6403	314	178	744	1236	LOW	865
JU77	5.6515	0.3255	0.7309	194	188	849	1231	LOW	866
RD37	7.7702	0.4187	0.4631	408	381	442	1231	LOW	867
JU82	6.2473	0.4298	0.5284	268	395	567	1230	LOW	868
NE15	5.8733	0.3426	0.6674	221	225	782	1228	LOW	869

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
NE60	6.9759	0.3950	0.5105	347	341	537	1225	LOW	870
RL22	7.5736	0.4301	0.4546	395	398	427	1220	LOW	871
BS25	4.9456	0.3159	0.8160	114	172	930	1216	LOW	872
RL02	6.8161	0.4051	0.5038	331	362	523	1216	LOW	873
BS21	4.8062	0.2993	0.8862	94	127	991	1212	LOW	874
RU25	6.6082	0.3518	0.5780	304	247	659	1210	LOW	875
BS17	4.9686	0.3455	0.7329	119	235	851	1205	LOW	876
PL21	10.9481	0.4039	0.3085	671	359	175	1205	LOW	877
JM31	7.4053	0.5426	0.3464	382	591	228	1201	LOW	878
RD23	6.8060	0.3127	0.6068	329	164	707	1200	LOW	879
JA22	7.6757	0.4635	0.4077	404	461	330	1195	LOW	880
YA05	5.3950	0.3423	0.6837	164	223	805	1192	LOW	881
RU26	6.8406	0.3944	0.5019	335	335	520	1190	LOW	882
TH22	7.3328	0.2338	0.6620	374	43	772	1189	LOW	883
RA04	7.8706	0.4754	0.3809	419	484	285	1188	LOW	884
RD56	8.5607	0.4703	0.3487	479	476	233	1188	LOW	885
YA01	6.9574	0.4504	0.4446	345	439	404	1188	LOW	886
PU12	7.8563	0.4506	0.4069	418	441	324	1183	LOW	887
PL24	9.1136	0.3240	0.4794	525	185	470	1180	LOW	888
PL01	7.8528	0.4300	0.4278	417	397	364	1178	LOW	889
JU53	6.7972	0.4632	0.4362	326	458	388	1172	LOW	890
NE33	6.3872	0.3099	0.6309	286	156	730	1172	LOW	891
PL10	8.7235	0.4088	0.3986	491	367	314	1172	LOW	892
PL50	7.3636	0.4676	0.4024	380	470	320	1170	LOW	893
JM19	7.0834	0.4542	0.4293	351	447	369	1167	LOW	894

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
NE25	7.9012	0.4037	0.4360	423	358	386	1167	LOW	895
PL29	9.8707	0.4110	0.3340	588	369	209	1166	LOW	896
JU58	6.6118	0.4786	0.4293	305	490	367	1162	LOW	897
RA33	6.4910	0.3773	0.5294	294	299	569	1162	LOW	898
RA08	6.4854	0.3448	0.5635	292	232	634	1158	LOW	899
BS26	5.4842	0.3435	0.6417	176	228	751	1155	LOW	900
TC11	5.8079	0.3370	0.6284	214	212	728	1154	LOW	901
JR13	5.8900	0.3211	0.6404	223	183	746	1152	LOW	902
TC14	6.1441	0.3910	0.5235	257	331	560	1148	LOW	903
PS83	9.7399	0.4350	0.2991	581	410	154	1145	LOW	904
NE24	6.3823	0.3455	0.5579	285	234	624	1143	LOW	905
PL11	10.2518	0.3653	0.3606	622	270	250	1142	LOW	906
BS35	5.2431	0.3642	0.6218	149	267	723	1139	LOW	907
JL54	12.1402	0.4276	0.0607	742	393	4	1139	LOW	908
JM85	7.9956	0.4634	0.3595	429	459	249	1137	LOW	909
NE42	5.6460	0.4545	0.4937	192	448	497	1137	LOW	910
RU10	7.2153	0.4636	0.3964	365	463	308	1136	LOW	911
RU46	7.2386	0.4409	0.4225	367	419	349	1135	LOW	912
JM30	6.5866	0.4365	0.4523	300	412	422	1134	LOW	913
JM26	6.8364	0.4499	0.4253	333	437	358	1128	LOW	914
JM66	8.2561	0.5365	0.2641	452	573	103	1128	LOW	915
BS29	6.2002	0.3324	0.5793	263	202	662	1127	LOW	916
NE82	5.9220	0.3736	0.5511	228	288	611	1127	LOW	917
TH38	4.5086	0.2857	0.8514	62	108	956	1126	LOW	918
BS02	4.8664	0.2264	0.8852	103	33	989	1125	LOW	919

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
JM03	6.4017	0.4198	0.4722	288	382	455	1125	LOW	920
RD21	6.4276	0.3298	0.5608	289	195	632	1116	LOW	921
BS22	5.3850	0.3798	0.5710	162	307	644	1113	LOW	922
JR01	6.2642	0.2901	0.6270	270	113	727	1110	LOW	923
TH32	5.3583	0.3078	0.6790	160	149	799	1108	LOW	924
RD09	6.3051	0.3642	0.5265	275	265	565	1105	LOW	925
RD77	7.3243	0.3782	0.4547	373	301	428	1102	LOW	926
JM38	6.0624	0.3899	0.5061	247	325	527	1099	LOW	927
RU60	7.8247	0.4321	0.3780	414	403	282	1099	LOW	928
JM04	5.1802	0.3987	0.5484	136	348	605	1089	LOW	929
JU48	6.1103	0.3508	0.5401	255	243	591	1089	LOW	930
TH20	6.4464	0.3166	0.5560	290	175	622	1087	LOW	931
TH29	5.2392	0.3114	0.6647	148	159	780	1087	LOW	932
NE34	5.8067	0.3343	0.5808	212	206	668	1086	LOW	933
TC28	7.5565	0.3866	0.4294	393	319	370	1082	LOW	934
RD12	6.5360	0.3408	0.5245	295	220	563	1078	LOW	935
RU09	7.5153	0.4436	0.3686	390	425	262	1077	LOW	936
NE06	5.9307	0.3259	0.5758	231	190	653	1074	LOW	937
RD03	5.6497	0.3097	0.6240	193	155	725	1073	LOW	938
JR03	5.2326	0.3515	0.5883	145	245	681	1071	LOW	939
RA32	6.3327	0.3470	0.5202	279	238	554	1071	LOW	940
RD67	8.1666	0.4890	0.2847	444	503	124	1071	LOW	941
TC18	6.5573	0.4077	0.4473	297	365	409	1071	LOW	942
YO01	7.2545	0.5242	0.2937	369	559	143	1071	LOW	943
NE37	4.7251	0.3073	0.7056	89	147	834	1070	LOW	944

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
VAHU6									
YO19	6.6016	0.4933	0.3669	302	506	258	1066	LOW	945
JR17	6.6502	0.3577	0.4920	313	257	494	1064	LOW	946
CU05	8.0669	0.4826	0.2867	437	495	130	1062	LOW	947
JU19	7.7099	0.5258	0.2584	405	560	97	1062	LOW	948
PL51	8.0171	0.4385	0.3358	435	416	210	1061	LOW	949
TH35	4.6684	0.3323	0.6620	82	201	773	1056	LOW	950
JM56	7.0501	0.4903	0.3251	349	504	197	1050	LOW	951
PL62	7.8722	0.4826	0.2872	420	496	134	1050	LOW	952
RD76	6.6190	0.3901	0.4479	309	326	411	1046	LOW	953
PL22	9.2291	0.3509	0.3645	541	244	256	1041	LOW	954
RL07	7.2415	0.3642	0.4458	368	266	407	1041	LOW	955
JM11	6.6181	0.4299	0.4137	308	396	336	1040	LOW	956
JR05	5.4146	0.2619	0.6777	169	75	796	1040	LOW	957
NE09	6.0030	0.2926	0.5880	240	119	678	1037	LOW	958
RU37	7.5580	0.4029	0.3806	394	357	284	1035	LOW	959
TH15	8.9663	0.3222	0.4153	513	184	338	1035	LOW	960
CM10	7.8816	0.4409	0.3198	421	418	190	1029	LOW	961
PL06	6.2373	0.3401	0.5123	267	219	543	1029	LOW	962
BS16	4.3736	0.2911	0.7490	46	115	867	1028	LOW	963
TH27	5.2389	0.3133	0.6121	147	165	715	1027	LOW	964
JU47	5.9835	0.2896	0.5878	236	112	676	1024	LOW	965
RU01	5.0830	0.2669	0.6950	128	79	817	1024	LOW	966
NE46	7.4801	0.4061	0.3747	385	363	275	1023	LOW	967
RD11	6.4770	0.3099	0.5311	291	157	574	1022	LOW	968
TH30	4.5453	0.2601	0.7656	67	73	882	1022	LOW	969

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
YO69	10.1482	0.4233	0.1430	615	386	20	1021	LOW	970
BS28	6.1722	0.3398	0.5119	260	218	541	1019	LOW	971
RL05	5.6188	0.2691	0.6371	191	82	742	1015	LOW	972
NE20	6.0902	0.3374	0.5172	251	214	549	1014	LOW	973
TH09	5.6022	0.3315	0.5586	189	198	627	1014	LOW	974
JM10	7.6289	0.4226	0.3465	398	385	230	1013	LOW	975
RD15	5.6535	0.2930	0.5970	195	120	694	1009	LOW	976
RD01	5.8936	0.3795	0.4805	224	305	475	1004	LOW	977
TC10	5.2191	0.3085	0.6102	141	152	711	1004	LOW	978
RD18	5.5933	0.3434	0.5374	188	227	585	1000	LOW	979
TC08	6.9264	0.3824	0.4178	340	313	344	997	LOW	980
BS08	4.3934	0.2774	0.7234	49	97	845	991	LOW	981
RA24	5.9590	0.3709	0.4784	234	284	466	984	LOW	982
RD40	7.6438	0.3012	0.4691	401	130	451	982	LOW	983
JM70	7.3718	0.4830	0.2626	381	498	102	981	LOW	984
NE40	5.9374	0.3351	0.5106	232	209	538	979	LOW	985
TH11	5.2264	0.3556	0.5346	144	254	577	975	LOW	986
RU35	8.5364	0.3645	0.3464	476	269	229	974	LOW	987
NE87	4.6116	0.2221	0.7422	78	29	864	971	LOW	988
BS11	4.1008	0.2587	0.7506	32	68	870	970	LOW	989
CM04	6.1021	0.4027	0.4239	253	356	354	963	LOW	990
NE35	5.2810	0.3241	0.5558	153	186	620	959	LOW	991
CU02	6.0859	0.3842	0.4376	250	315	391	956	LOW	992
NE19	5.2840	0.3378	0.5360	154	215	579	948	LOW	993
BS09	4.3747	0.3006	0.6618	47	129	771	947	LOW	994

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
JL58	10.8183	0.3676	0.0987	661	276	9	946	LOW	995
JU44	6.1038	0.3683	0.4463	254	279	408	941	LOW	996
PS46	4.8536	0.3645	0.5295	101	268	570	939	LOW	997
RU15	6.8035	0.4301	0.3379	327	400	212	939	LOW	998
NE32	8.4943	0.2692	0.4344	471	83	384	938	LOW	999
TH43	5.2482	0.3318	0.5387	150	199	587	936	LOW	1000
JL57	10.6578	0.3696	0.0755	647	281	7	935	LOW	1001
RL21	6.6770	0.3766	0.4037	315	296	321	932	LOW	1002
JU75	6.6260	0.4589	0.3061	311	452	166	929	LOW	1003
PL25	9.1264	0.3284	0.3339	528	193	208	929	LOW	1004
JA35	6.6800	0.4643	0.2937	317	464	145	926	LOW	1005
BS13	4.0797	0.2463	0.7177	29	55	839	923	LOW	1006
TC29	9.0695	0.3151	0.3487	521	170	232	923	LOW	1007
NE13	5.3046	0.3043	0.5596	155	134	630	919	LOW	1008
TC13	6.8888	0.3754	0.3822	339	292	287	918	LOW	1009
RL04	6.3604	0.3051	0.4925	281	138	495	914	LOW	1010
CU01	6.8035	0.4605	0.2865	328	456	129	913	LOW	1011
JM71	6.8643	0.3927	0.3532	337	333	241	911	LOW	1012
TH42	4.9051	0.2942	0.5880	108	121	679	908	LOW	1013
RA25	6.0172	0.3682	0.4359	244	278	385	907	LOW	1014
RD62	6.8228	0.3722	0.3826	332	286	289	907	LOW	1015
BS10	4.0888	0.2822	0.6613	31	105	770	906	LOW	1016
NE43	5.8488	0.3530	0.4613	216	249	438	903	LOW	1017
PL05	8.2445	0.3878	0.2859	451	321	128	900	LOW	1018
PL23	7.1244	0.2815	0.4619	356	104	439	899	LOW	1019

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
NE16	5.0601	0.2630	0.5991	124	76	698	898	LOW	1020
BS18	4.0016	0.2550	0.6882	25	63	807	895	LOW	1021
YA02	5.5457	0.3199	0.5075	183	179	531	893	LOW	1022
JM09	6.5958	0.3948	0.3616	301	339	252	892	LOW	1023
RD48	6.8425	0.4166	0.3083	336	379	174	889	LOW	1024
RU13	6.6826	0.3598	0.3958	318	262	307	887	LOW	1025
JR18	6.7661	0.3728	0.3734	325	287	274	886	LOW	1026
TC02	4.3365	0.1918	0.7029	43	12	831	886	LOW	1027
BS12	4.2291	0.2918	0.6289	38	117	729	884	LOW	1028
NE31	7.5104	0.3973	0.2959	389	345	149	883	LOW	1029
JU23	6.3139	0.4409	0.3149	276	420	182	878	LOW	1030
PU13	6.9399	0.3468	0.3891	343	237	296	876	LOW	1031
JM27	5.4997	0.3870	0.4304	179	320	376	875	LOW	1032
NE28	8.4172	0.3151	0.3525	465	169	240	874	LOW	1033
PS77	6.2742	0.3620	0.4083	272	264	331	867	LOW	1034
JM29	5.9449	0.3908	0.3932	233	330	302	865	LOW	1035
TH18	7.6470	0.2543	0.4439	402	62	401	865	LOW	1036
YO04	6.6427	0.4498	0.2817	312	435	118	865	LOW	1037
RD25	5.3402	0.2422	0.5765	158	50	655	863	LOW	1038
NE38	4.9245	0.3085	0.5449	111	153	598	862	LOW	1039
RD72	7.6432	0.3946	0.2848	400	337	125	862	LOW	1040
NE12	5.7623	0.3077	0.4955	206	148	504	858	LOW	1041
CM06	6.0369	0.3809	0.3933	245	309	303	857	LOW	1042
JR10	6.5393	0.3942	0.3463	296	334	227	857	LOW	1043
JU71	5.9303	0.4764	0.2927	230	485	142	857	LOW	1044

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ	SSEQ			
NE17	5.5403	0.3073	0.4998	182	146	517	845	LOW	1045
NE70	5.2259	0.3069	0.5204	143	145	555	843	LOW	1046
RU06	5.8967	0.3740	0.4069	225	291	325	841	LOW	1047
RD50	7.0860	0.4343	0.2428	352	408	77	837	LOW	1048
RA01	5.6979	0.3819	0.4070	198	311	327	836	LOW	1049
JM36	5.8058	0.3662	0.4201	211	274	347	832	LOW	1050
CM02	6.1888	0.3907	0.3504	261	329	238	828	LOW	1051
PU08	6.2816	0.4144	0.3128	273	373	179	825	LOW	1052
RD06	5.7029	0.2841	0.4993	199	107	515	821	LOW	1053
JU81	5.8073	0.3973	0.3679	213	346	260	819	LOW	1054
JR04	4.8596	0.2250	0.5917	102	31	685	818	LOW	1055
TC09	4.8081	0.2800	0.5546	96	99	616	811	LOW	1056
JL56	10.4551	0.3177	0.0171	631	176	2	809	LOW	1057
RU16	5.2674	0.2750	0.5274	151	90	566	807	LOW	1058
RL15	5.8720	0.2600	0.4980	220	72	510	802	LOW	1059
RL09	6.5719	0.3061	0.4261	298	141	360	799	LOW	1060
NE65	5.1781	0.3157	0.4907	134	171	491	796	LOW	1061
JM57	6.0790	0.3950	0.3302	249	340	203	792	LOW	1062
RD22	5.5675	0.3004	0.4802	185	128	474	787	LOW	1063
JR07	5.0767	0.2294	0.5550	127	38	617	782	LOW	1064
NE50	5.4437	0.3398	0.4388	172	217	393	782	LOW	1065
JU60	6.0112	0.4250	0.2960	242	388	150	780	LOW	1066
RD13	4.4977	0.2348	0.5831	60	46	671	777	LOW	1067
NE83	5.7816	0.3166	0.4378	208	174	392	774	LOW	1068
RU18	4.9300	0.2287	0.5579	112	35	625	772	LOW	1069

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
NE49	5.5842	0.3452	0.4233	186	233	352	771	LOW	1070
NE01	4.7194	0.3328	0.4795	87	203	471	761	LOW	1071
RD29	4.9531	0.2293	0.5469	116	37	603	756	LOW	1072
NE51	5.4042	0.3030	0.4726	167	132	456	755	LOW	1073
BS14	4.9431	0.3421	0.4499	113	222	418	753	LOW	1074
JR06	4.6674	0.2505	0.5507	81	58	610	749	LOW	1075
NE47	6.0969	0.3337	0.3805	252	205	283	740	LOW	1076
JU52	4.9038	0.3303	0.4595	107	197	435	739	LOW	1077
JM08	6.1893	0.4144	0.2591	262	374	99	735	LOW	1078
TC01	5.6031	0.2587	0.4810	190	67	477	734	LOW	1079
PS80	5.6760	0.3163	0.4278	197	173	363	733	LOW	1080
JR12	5.6694	0.3791	0.3470	196	304	231	731	LOW	1081
TC05	4.9826	0.3023	0.4822	120	131	479	730	LOW	1082
JM37	6.0412	0.4145	0.2617	246	375	101	722	LOW	1083
RD26	5.2220	0.2339	0.5097	142	45	535	722	LOW	1084
PL08	7.9999	0.2914	0.3078	431	116	172	719	LOW	1085
TC03	4.4759	0.2434	0.5506	58	52	609	719	LOW	1086
JU17	5.5862	0.3828	0.3394	187	314	215	716	LOW	1087
NE27	5.3212	0.3602	0.3880	156	263	293	712	LOW	1088
TH33	4.9058	0.2771	0.4952	109	96	502	707	LOW	1089
NE41	5.4068	0.3372	0.4059	168	213	323	704	LOW	1090
JU42	5.1891	0.3119	0.4442	138	162	402	702	LOW	1091
JR09	5.8593	0.3904	0.3001	217	328	156	701	LOW	1092
RD17	4.9578	0.3206	0.4428	117	181	400	698	LOW	1093
RD14	4.5475	0.2140	0.5458	68	24	599	691	LOW	1094

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
NE39	4.4661	0.2741	0.5110	55	88	540	683	LOW	1095
PS17	5.4969	0.4323	0.2591	178	404	98	680	LOW	1096
RD08	5.4016	0.2867	0.4443	165	110	403	678	LOW	1097
PL47	6.6970	0.2700	0.3715	319	84	268	671	LOW	1098
RU42	5.4890	0.2520	0.4555	177	60	429	666	LOW	1099
RD36	5.9942	0.3362	0.3366	238	210	211	659	LOW	1100
RD66	6.2030	0.3796	0.2520	264	306	87	657	LOW	1101
RD24	6.1295	0.2861	0.3828	256	109	290	655	LOW	1102
TC12	5.4021	0.3488	0.3545	166	240	242	648	LOW	1103
RU24	5.5278	0.2958	0.4170	181	122	343	646	LOW	1104
TH01	5.1468	0.3203	0.4093	133	180	332	645	LOW	1105
NE74	4.6499	0.2769	0.4777	80	95	463	638	LOW	1106
RD34	5.8714	0.3106	0.3679	219	158	261	638	LOW	1107
RD20	4.7666	0.3080	0.4325	93	150	381	624	LOW	1108
TH10	4.8701	0.3061	0.4305	104	143	377	624	LOW	1109
RD38	5.9196	0.3299	0.3277	227	196	200	623	LOW	1110
NE26	5.5144	0.3397	0.3461	180	216	226	622	LOW	1111
PS13	4.4263	0.3436	0.4157	51	229	340	620	LOW	1112
NE71	4.5567	0.2074	0.5052	70	21	526	617	LOW	1113
JU51	4.1750	0.2785	0.4867	35	98	483	616	LOW	1114
RL23	5.9771	0.3291	0.3137	235	194	181	610	LOW	1115
RD10	4.5828	0.2654	0.4654	75	78	446	599	LOW	1116
TH14	7.4921	0.2593	0.2899	387	69	140	596	LOW	1117
CU13	5.9029	0.3525	0.2822	226	248	121	595	LOW	1118
NE14	4.6780	0.2535	0.4682	84	61	450	595	LOW	1119

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
TH13	7.1499	0.2313	0.3170	357	41	186	584	LOW	1120
NE05	5.0681	0.2746	0.4260	125	89	359	573	LOW	1121
TH34	4.3853	0.3261	0.4113	48	191	334	573	LOW	1122
JR11	4.5708	0.3246	0.3986	71	187	313	571	LOW	1123
JU45	5.1793	0.3443	0.3330	135	230	206	571	LOW	1124
TH12	6.2546	0.3264	0.2727	269	192	109	570	LOW	1125
NE29	5.4337	0.3056	0.3570	171	140	247	558	LOW	1126
TH07	6.9550	0.2159	0.3153	344	27	183	554	LOW	1127
TH25	4.7195	0.3256	0.3751	88	189	276	553	LOW	1128
TC04	3.6922	0.2631	0.4739	15	77	459	551	LOW	1129
JU18	5.7970	0.3428	0.2749	210	226	113	549	LOW	1130
TH06	4.4453	0.2599	0.4526	54	71	423	548	LOW	1131
NE68	5.7320	0.2926	0.3452	204	118	225	547	LOW	1132
JU54	4.0445	0.2397	0.4787	28	48	467	543	LOW	1133
CU03	5.4530	0.3329	0.3055	174	204	164	542	LOW	1134
NE23	5.1148	0.3135	0.3550	132	166	243	541	LOW	1135
NE52	4.7304	0.2761	0.4246	91	94	356	541	LOW	1136
TC06	5.5664	0.2738	0.3720	184	86	271	541	LOW	1137
NE30	5.3808	0.3366	0.2994	161	211	155	527	LOW	1138
TC21	5.7555	0.3323	0.2822	205	200	120	525	LOW	1139
BS31	4.5922	0.3061	0.3926	76	142	301	519	LOW	1140
TH17	3.3428	0.1947	0.4889	11	13	487	511	LOW	1141
RU55	5.3935	0.2966	0.3419	163	124	220	507	LOW	1142
NE63	4.1034	0.2396	0.4533	33	47	424	504	LOW	1143
JU67	6.0068	0.3490	0.1344	241	241	16	498	LOW	1144

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
RA02	4.6131	0.2683	0.4069	79	81	326	486	LOW	1145
NE44	5.1126	0.3499	0.2744	131	242	112	485	LOW	1146
JM07	4.8318	0.3445	0.2990	98	231	153	482	LOW	1147
NE48	4.5343	0.2868	0.3925	66	111	300	477	LOW	1148
RL17	5.0227	0.2277	0.4018	122	34	318	474	LOW	1149
JU79	4.8494	0.3983	0.1521	100	347	25	472	LOW	1150
RD30	4.5711	0.2290	0.4266	72	36	361	469	LOW	1151
TH08	4.8168	0.3146	0.3316	97	168	204	469	LOW	1152
TH21	4.9941	0.2481	0.3825	121	57	288	466	LOW	1153
JA43	5.4513	0.3532	0.1892	173	250	39	462	LOW	1154
TH26	4.4662	0.2756	0.3938	56	93	304	453	LOW	1155
PS71	5.7300	0.3036	0.2768	203	133	115	451	LOW	1156
RD07	5.0940	0.2826	0.3390	130	106	214	450	LOW	1157
RU48	4.8359	0.3046	0.3336	99	136	207	442	LOW	1158
TH31	4.4963	0.2809	0.3758	59	102	279	440	LOW	1159
RA10	4.6922	0.3116	0.3177	86	161	187	434	LOW	1160
RA03	4.1880	0.2338	0.4189	36	44	345	425	LOW	1161
NE76	6.6784	0.2479	0.2096	316	56	52	424	LOW	1162
RA14	4.6786	0.2983	0.3263	85	126	199	410	LOW	1163
RU47	4.9152	0.3054	0.3008	110	139	158	407	LOW	1164
NE64	4.7301	0.2910	0.3228	90	114	192	396	LOW	1165
RA11	4.0325	0.2213	0.4168	26	28	342	396	LOW	1166
RU02	4.5729	0.3083	0.3025	73	151	160	384	LOW	1167
RU44	4.5298	0.2296	0.3772	64	39	281	384	LOW	1168
NE77	4.8777	0.3136	0.2677	106	167	107	380	LOW	1169

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
RD27	4.8749	0.2573	0.3260	105	66	198	369	LOW	1170
RA09	3.8670	0.2060	0.4072	18	20	328	366	LOW	1171
RU45	4.5306	0.2555	0.3497	65	65	235	365	LOW	1172
NE88	3.9320	0.2593	0.3726	20	70	273	363	LOW	1173
TC07	4.2577	0.2445	0.3711	40	54	267	361	LOW	1174
RA12	4.6008	0.2139	0.3608	77	23	251	351	LOW	1175
PS18	5.7285	0.2808	0.2028	202	101	47	350	LOW	1176
RD28	4.5059	0.2553	0.3436	61	64	224	349	LOW	1177
RU53	5.0745	0.1747	0.3380	126	8	213	347	LOW	1178
TH04	4.4310	0.2677	0.3317	53	80	205	338	LOW	1179
NE78	4.5750	0.3089	0.2476	74	154	84	312	LOW	1180
RD39	5.3281	0.2300	0.2643	157	40	104	301	LOW	1181
NE72	4.7338	0.3044	0.2299	92	135	69	296	LOW	1182
TH24	4.4076	0.2444	0.3221	50	53	191	294	LOW	1183
RD31	4.5485	0.2739	0.2869	69	87	131	287	LOW	1184
NE81	3.5715	0.2397	0.3425	13	49	221	283	LOW	1185
NE79	3.8119	0.2134	0.3503	17	22	237	276	LOW	1186
CM07	4.3442	0.3115	0.2252	44	160	64	268	LOW	1187
TH28	4.2819	0.2803	0.2808	41	100	117	258	LOW	1188
TH03	4.4294	0.2751	0.2728	52	91	111	254	LOW	1189
NE86	4.2436	0.2252	0.3135	39	32	180	251	LOW	1190
RD42	4.4715	0.2434	0.2884	57	51	136	244	LOW	1191
RU27	3.0534	0.1878	0.3416	9	10	219	238	LOW	1192
RU40	2.2912	0.1710	0.3411	5	7	217	229	LOW	1193
RU38	4.5096	0.2974	0.1841	63	125	38	226	LOW	1194

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
TH16	4.0823	0.2019	0.3063	30	15	167	212	LOW	1195
RU19	3.4846	0.1788	0.3177	12	9	188	209	LOW	1196
NE73	3.8711	0.2021	0.3078	19	16	171	206	LOW	1197
RU51	3.9908	0.2026	0.3044	24	18	162	204	LOW	1198
NE66	4.2882	0.2313	0.2714	42	42	108	192	LOW	1199
NE80	4.0413	0.2814	0.2185	27	103	59	189	LOW	1200
TH02	4.3578	0.2728	0.2161	45	85	57	187	LOW	1201
RD33	3.9369	0.2151	0.2889	22	25	138	185	LOW	1202
RA13	3.0822	0.1963	0.3005	10	14	157	181	LOW	1203
NE67	4.1362	0.2155	0.2728	34	26	110	170	LOW	1204
RU50	4.1890	0.2612	0.2030	37	74	48	159	LOW	1205
JM01	3.7416	0.2752	0.1945	16	92	42	150	LOW	1206
RU17	2.3467	0.1431	0.2855	6	5	127	138	LOW	1207
RU54	3.9354	0.2022	0.2560	21	17	95	133	LOW	1208
JM02	3.6868	0.2513	0.2146	14	59	54	127	LOW	1209
RU43	3.9866	0.2033	0.2407	23	19	75	117	LOW	1210
RU52	2.1360	0.1295	0.2543	4	4	92	100	LOW	1211
RU39	3.0077	0.1914	0.2449	8	11	80	99	LOW	1212
RU41	2.5778	0.1519	0.2419	7	6	76	89	LOW	1213
RU49	1.8105	0.1147	0.1903	3	3	41	47	LOW	1214
BS05	1.4798	0.0730	0.1702	2	2	29	33	LOW	1215
AO01	0.0000	0.0000	0.0000	1	1	1	3	LOW	1216
AO03	0.0000	0.0000	0.0000	1	1	1	3	LOW	1217
AO05	0.0000	0.0000	0.0000	1	1	1	3	LOW	1218
AO12	0.0000	0.0000	0.0000	1	1	1	3	LOW	1219

2018 Report Dataset	Unit Area Loads			Sorted Sequence (Rank Order) between HUs for each Pollutant's Load			Sum Order	Agricultural Pollutant Potential Rank	Row #
	VAHU6	Ag N (kg/Ag ha-yr)	Ag P (kg/Ag ha-yr)	Ag S (mt/Ag ha-yr)	NSEQ	PSEQ			
AO16	0.0000	0.0000	0.0000	1	1	1	3	LOW	1220
AO19	0.0000	0.0000	0.0000	1	1	1	3	LOW	1221
AO20	0.0000	0.0000	0.0000	1	1	1	3	LOW	1222
AO22	0.0000	0.0000	0.0000	1	1	1	3	LOW	1223
AO25	0.0000	0.0000	0.0000	1	1	1	3	LOW	1224
CB27	0.0000	0.0000	0.0000	1	1	1	3	LOW	1225
CB28	0.0000	0.0000	0.0000	1	1	1	3	LOW	1226
CB34	0.0000	0.0000	0.0000	1	1	1	3	LOW	1227
CB37	0.0000	0.0000	0.0000	1	1	1	3	LOW	1228
JL50	0.0000	0.0000	0.0000	1	1	1	3	LOW	1229
JU16	0.0000	0.0000	0.0000	1	1	1	3	LOW	1230
NE89	0.0000	0.0000	0.0000	1	1	1	3	LOW	1231
NE90	0.0000	0.0000	0.0000	1	1	1	3	LOW	1232
PL27	0.0000	0.0000	0.0000	1	1	1	3	LOW	1233
PL28	0.0000	0.0000	0.0000	1	1	1	3	LOW	1234
PU21	0.0000	0.0000	0.0000	1	1	1	3	LOW	1235
TH05	0.0000	0.0000	0.0000	1	1	1	3	LOW	1236
TH46	0.0000	0.0000	0.0000	1	1	1	3	LOW	1237
TP01	0.0000	0.0000	0.0000	1	1	1	3	LOW	1238
TP03	0.0000	0.0000	0.0000	1	1	1	3	LOW	1239
TP19	0.0000	0.0000	0.0000	1	1	1	3	LOW	1240

Attachment B

Drainage Basins in Each Soil and Water Conservation District

SWCD	Location
APPOMATTOX RIVER	Both
BIG SANDY	OCB
BIG WALKER	OCB
BLUE RIDGE	Both
CHOWAN BASIN	OCB
CLINCH VALLEY	OCB
COLONIAL	CB
CULPEPER	CB
DANIEL BOONE	OCB
EASTERN SHORE	Both
EVERGREEN	OCB
HALIFAX	OCB
HANOVER-CAROLINE	CB
HEADWATERS	CB
HENRICOPOLIS	CB
HOLSTON RIVER	OCB
JAMES RIVER	Both
JOHN MARSHALL	CB
LAKE COUNTRY	OCB
LONESOME PINE	OCB
LORD FAIRFAX	CB
LOUDOUN	CB
MONACAN	CB
MOUNTAIN	CB
MOUNTAIN CASTLES	Both
NATURAL BRIDGE	CB
NEW RIVER	OCB
NORTHERN NECK	CB
NORTHERN VA	CB
PATRICK	OCB
PEAKS OF OTTER	Both
PEANUT	Both
PETER FRANCISCO	CB
PIEDMONT	Both
PITTSYLVANIA	OCB
PRINCE WILLIAM	CB
ROBERT E. LEE	Both
SCOTT COUNTY	OCB
SHENANDOAH VALLEY	CB
SKYLINE	Both

SOUTHSIDE	OCB
TAZEWELL	OCB
THOMAS JEFFERSON	CB
THREE RIVERS	CB
TIDEWATER	CB
TRI-COUNTY/CITY	CB
VIRGINIA DARE	Both

Attachment C

This attachment provides data by Drainage Basin (CB and OCB), District, Agricultural Pollutant Potential Rank (H, M, and L), Total Area (acres) of Hydrologic Units in each District by Agricultural Pollutant Potential Rank and Drainage Basin, and the resulting Percentage Rank (Cost-share Multiplier).

Drainage Basin	SWCD Number	District Name	Agricultural Pollutant Potential Rank	Total Agricultural Area (acres) of Hydrologic Units in each District by Agricultural Pollutant Potential Rank and Drainage Basin	Percentage AGLAND Rank (Cost-share Multiplier)
CB	1	TIDEWATER	HIGH	4887	0.00603
CB	1	TIDEWATER	MED	27297	0.03206
CB	1	TIDEWATER	LOW	4651	0.00566
CB	2	THOMAS JEFFERSON	HIGH	4891	0.00603
CB	2	THOMAS JEFFERSON	MED	65404	0.07681
CB	2	THOMAS JEFFERSON	LOW	131396	0.15978
CB	3	SOUTHSIDE	HIGH	0	0.00000
CB	3	SOUTHSIDE	MED	15	0.00002
CB	3	SOUTHSIDE	LOW	43	0.00005
CB	4	NATURAL BRIDGE	HIGH	0	0.00000
CB	4	NATURAL BRIDGE	MED	9413	0.01105
CB	4	NATURAL BRIDGE	LOW	72029	0.08759
CB	5	PIEDMONT	HIGH	13028	0.01607
CB	5	PIEDMONT	MED	45462	0.05339
CB	5	PIEDMONT	LOW	35506	0.04318
CB	6	BLUE RIDGE	HIGH	0	0.00000
CB	6	BLUE RIDGE	MED	0	0.00000
CB	6	BLUE RIDGE	LOW	3212	0.00391
CB	7	CULPEPER	HIGH	85340	0.10529
CB	7	CULPEPER	MED	68972	0.08100
CB	7	CULPEPER	LOW	108869	0.13239
CB	8	NORTHERN NECK	HIGH	65402	0.08070
CB	8	NORTHERN NECK	MED	41153	0.04833
CB	8	NORTHERN NECK	LOW	0	0.00000
CB	9	SHENANDOAH VALLEY	HIGH	143448	0.17699
CB	9	SHENANDOAH VALLEY	MED	61904	0.07270

CB	9	SHENANDOAH VALLEY	LOW	930	0.00113
CB	10	ROBERT E. LEE	HIGH	1115	0.00138
CB	10	ROBERT E. LEE	MED	10300	0.01210
CB	10	ROBERT E. LEE	LOW	62427	0.07591
CB	12	JAMES RIVER	HIGH	5778	0.00713
CB	12	JAMES RIVER	MED	8421	0.00989
CB	12	JAMES RIVER	LOW	3424	0.00416
CB	13	LORD FAIRFAX	HIGH	58360	0.07201
CB	13	LORD FAIRFAX	MED	98509	0.11569
CB	13	LORD FAIRFAX	LOW	78612	0.09560
CB	14	SKYLINE	HIGH	0	0.00000
CB	14	SKYLINE	MED	0	0.00000
CB	14	SKYLINE	LOW	167	0.00020
CB	15	PEANUT	HIGH	44191	0.05452
CB	15	PEANUT	MED	11385	0.01337
CB	15	PEANUT	LOW	0	0.00000
CB	16	MOUNTAIN	HIGH	2182	0.00269
CB	16	MOUNTAIN	MED	18649	0.02190
CB	16	MOUNTAIN	LOW	64802	0.07880
CB	17	TRI-COUNTY/CITY	HIGH	25162	0.03105
CB	17	TRI-COUNTY/CITY	MED	26062	0.03061
CB	17	TRI-COUNTY/CITY	LOW	3831	0.00466
CB	18	COLONIAL	HIGH	25987	0.03206
CB	18	COLONIAL	MED	8091	0.00950
CB	18	COLONIAL	LOW	1704	0.00207
CB	20	EASTERN SHORE	HIGH	0	0.00000
CB	20	EASTERN SHORE	MED	63159	0.07417
CB	20	EASTERN SHORE	LOW	0	0.00000
CB	21	NORTHERN VIRGINIA	HIGH	48	0.00006
CB	21	NORTHERN VIRGINIA	MED	1181	0.00139
CB	21	NORTHERN VIRGINIA	LOW	2205	0.00268
CB	22	VIRGINIA DARE	HIGH	0	0.00000
CB	22	VIRGINIA DARE	MED	4514	0.00530
CB	22	VIRGINIA DARE	LOW	0	0.00000
CB	30	HANOVER-CAROLINE	HIGH	79252	0.09778
CB	30	HANOVER-CAROLINE	MED	13054	0.01533
CB	30	HANOVER-CAROLINE	LOW	295	0.00036

CB	32	JOHN MARSHALL	HIGH	25645	0.03164
CB	32	JOHN MARSHALL	MED	69579	0.08171
CB	32	JOHN MARSHALL	LOW	45865	0.05577
CB	34	PEAKS OF OTTER	HIGH	0	0.00000
CB	34	PEAKS OF OTTER	MED	0	0.00000
CB	34	PEAKS OF OTTER	LOW	6946	0.00845
CB	35	PRINCE WILLIAM	HIGH	6939	0.00856
CB	35	PRINCE WILLIAM	MED	14817	0.01740
CB	35	PRINCE WILLIAM	LOW	332	0.00040
CB	36	LOUDOUN	HIGH	3718	0.00459
CB	36	LOUDOUN	MED	40747	0.04785
CB	36	LOUDOUN	LOW	59690	0.07259
CB	38	MONACAN	HIGH	9187	0.01133
CB	38	MONACAN	MED	27674	0.03250
CB	38	MONACAN	LOW	15705	0.01910
CB	39	PETER FRANCISCO	HIGH	1085	0.00134
CB	39	PETER FRANCISCO	MED	29427	0.03456
CB	39	PETER FRANCISCO	LOW	45547	0.05539
CB	40	HENRICOPOLIS	HIGH	9184	0.01133
CB	40	HENRICOPOLIS	MED	1425	0.00167
CB	40	HENRICOPOLIS	LOW	354	0.00043
CB	41	HEADWATERS	HIGH	99365	0.12260
CB	41	HEADWATERS	MED	70121	0.08235
CB	41	HEADWATERS	LOW	20872	0.02538
CB	42	APPOMATTOX RIVER	HIGH	768	0.00095
CB	42	APPOMATTOX RIVER	MED	4333	0.00509
CB	42	APPOMATTOX RIVER	LOW	350	0.00043
CB	43	THREE RIVERS	HIGH	93347	0.11517
CB	43	THREE RIVERS	MED	6672	0.00784
CB	43	THREE RIVERS	LOW	0	0.00000
CB	45	MOUNTAIN CASTLES	HIGH	2177	0.00269
CB	45	MOUNTAIN CASTLES	MED	3785	0.00444
CB	45	MOUNTAIN CASTLES	LOW	52576	0.06393
OCB	3	SOUTHSIDE	HIGH	1330	0.00729
OCB	3	SOUTHSIDE	MED	40552	0.06998
OCB	3	SOUTHSIDE	LOW	52396	0.03640
OCB	5	PIEDMONT	HIGH	0	0.00000

OCB	5	PIEDMONT	MED	2784	0.00480
OCB	5	PIEDMONT	LOW	10926	0.00759
OCB	6	BLUE RIDGE	HIGH	0	0.00000
OCB	6	BLUE RIDGE	MED	35896	0.06195
OCB	6	BLUE RIDGE	LOW	91615	0.06365
OCB	10	ROBERT E. LEE	HIGH	0	0.00000
OCB	10	ROBERT E. LEE	MED	52245	0.09016
OCB	10	ROBERT E. LEE	LOW	25822	0.01794
OCB	11	NEW RIVER	HIGH	0	0.00000
OCB	11	NEW RIVER	MED	4016	0.00693
OCB	11	NEW RIVER	LOW	145530	0.10111
OCB	12	JAMES RIVER	HIGH	9644	0.05286
OCB	12	JAMES RIVER	MED	1498	0.00259
OCB	12	JAMES RIVER	LOW	0	0.00000
OCB	14	SKYLINE	HIGH	456	0.00250
OCB	14	SKYLINE	MED	5591	0.00965
OCB	14	SKYLINE	LOW	194784	0.13533
OCB	15	PEANUT	HIGH	30361	0.16640
OCB	15	PEANUT	MED	54081	0.09333
OCB	15	PEANUT	LOW	0	0.00000
OCB	19	CHOWAN BASIN	HIGH	114101	0.62536
OCB	19	CHOWAN BASIN	MED	56839	0.09809
OCB	19	CHOWAN BASIN	LOW	0	0.00000
OCB	20	EASTERN SHORE	HIGH	1413	0.00775
OCB	20	EASTERN SHORE	MED	45670	0.07881
OCB	20	EASTERN SHORE	LOW	0	0.00000
OCB	22	VIRGINIA DARE	HIGH	43	0.00023
OCB	22	VIRGINIA DARE	MED	57217	0.09874
OCB	22	VIRGINIA DARE	LOW	0	0.00000
OCB	23	HOLSTON RIVER	HIGH	0	0.00000
OCB	23	HOLSTON RIVER	MED	3563	0.00615
OCB	23	HOLSTON RIVER	LOW	102605	0.07129
OCB	24	DANIEL BOONE	HIGH	0	0.00000
OCB	24	DANIEL BOONE	MED	57612	0.09942
OCB	24	DANIEL BOONE	LOW	6837	0.00475
OCB	25	CLINCH VALLEY	HIGH	0	0.00000
OCB	25	CLINCH VALLEY	MED	0	0.00000

OCB	25	CLINCH VALLEY	LOW	87577	0.06085
OCB	26	SCOTT COUNTY	HIGH	0	0.00000
OCB	26	SCOTT COUNTY	MED	25933	0.04475
OCB	26	SCOTT COUNTY	LOW	38662	0.02686
OCB	27	LONESOME PINE	HIGH	0	0.00000
OCB	27	LONESOME PINE	MED	3136	0.00541
OCB	27	LONESOME PINE	LOW	17899	0.01244
OCB	28	EVERGREEN	HIGH	0	0.00000
OCB	28	EVERGREEN	MED	0	0.00000
OCB	28	EVERGREEN	LOW	65020	0.04518
OCB	29	TAZEWELL	HIGH	0	0.00000
OCB	29	TAZEWELL	MED	0	0.00000
OCB	29	TAZEWELL	LOW	64948	0.04513
OCB	31	PITTSYLVANIA	HIGH	0	0.00000
OCB	31	PITTSYLVANIA	MED	42530	0.07339
OCB	31	PITTSYLVANIA	LOW	100307	0.06969
OCB	33	HALIFAX	HIGH	2500	0.01370
OCB	33	HALIFAX	MED	20061	0.03462
OCB	33	HALIFAX	LOW	73387	0.05099
OCB	34	PEAKS OF OTTER	HIGH	0	0.00000
OCB	34	PEAKS OF OTTER	MED	0	0.00000
OCB	34	PEAKS OF OTTER	LOW	104281	0.07245
OCB	37	BIG WALKER	HIGH	0	0.00000
OCB	37	BIG WALKER	MED	0	0.00000
OCB	37	BIG WALKER	LOW	135686	0.09427
OCB	42	APPOMATTOX RIVER	HIGH	11099	0.06083
OCB	42	APPOMATTOX RIVER	MED	8774	0.01514
OCB	42	APPOMATTOX RIVER	LOW	12577	0.00874
OCB	44	PATRICK	HIGH	0	0.00000
OCB	44	PATRICK	MED	4718	0.00814
OCB	44	PATRICK	LOW	40444	0.02810
OCB	45	MOUNTAIN CASTLES	HIGH	0	0.00000
OCB	45	MOUNTAIN CASTLES	MED	70	0.00012
OCB	45	MOUNTAIN CASTLES	LOW	15573	0.01082
OCB	46	LAKE COUNTRY	HIGH	11510	0.06308
OCB	46	LAKE COUNTRY	MED	56684	0.09782
OCB	46	LAKE COUNTRY	LOW	47884	0.03327

OCB	47	BIG SANDY	HIGH	0	0.00000
OCB	47	BIG SANDY	MED	0	0.00000
OCB	47	BIG SANDY	LOW	4520	0.00314
CB	1	TIDEWATER	HIGH	4887	0.00603
CB	1	TIDEWATER	MED	27297	0.03206
CB	1	TIDEWATER	LOW	4651	0.00566
CB	2	THOMAS JEFFERSON	HIGH	4891	0.00603
CB	2	THOMAS JEFFERSON	MED	65404	0.07681
CB	2	THOMAS JEFFERSON	LOW	131396	0.15978
CB	3	SOUTHSIDE	HIGH	0	0.00000
CB	3	SOUTHSIDE	MED	15	0.00002
CB	3	SOUTHSIDE	LOW	43	0.00005
CB	4	NATURAL BRIDGE	HIGH	0	0.00000
CB	4	NATURAL BRIDGE	MED	9413	0.01105
CB	4	NATURAL BRIDGE	LOW	72029	0.08759
CB	5	PIEDMONT	HIGH	13028	0.01607
CB	5	PIEDMONT	MED	45462	0.05339
CB	5	PIEDMONT	LOW	35506	0.04318
CB	6	BLUE RIDGE	HIGH	0	0.00000
CB	6	BLUE RIDGE	MED	0	0.00000
CB	6	BLUE RIDGE	LOW	3212	0.00391
CB	7	CULPEPER	HIGH	85340	0.10529
CB	7	CULPEPER	MED	68972	0.08100
CB	7	CULPEPER	LOW	108869	0.13239
CB	8	NORTHERN NECK	HIGH	65402	0.08070
CB	8	NORTHERN NECK	MED	41153	0.04833
CB	8	NORTHERN NECK	LOW	0	0.00000
CB	9	SHENANDOAH VALLEY	HIGH	143448	0.17699
CB	9	SHENANDOAH VALLEY	MED	61904	0.07270
CB	9	SHENANDOAH VALLEY	LOW	930	0.00113
CB	10	ROBERT E. LEE	HIGH	1115	0.00138
CB	10	ROBERT E. LEE	MED	10300	0.01210
CB	10	ROBERT E. LEE	LOW	62427	0.07591
CB	12	JAMES RIVER	HIGH	5778	0.00713
CB	12	JAMES RIVER	MED	8421	0.00989
CB	12	JAMES RIVER	LOW	3424	0.00416
CB	13	LORD FAIRFAX	HIGH	58360	0.07201

CB	13	LORD FAIRFAX	MED	98509	0.11569
CB	13	LORD FAIRFAX	LOW	78612	0.09560
CB	14	SKYLINE	HIGH	0	0.00000
CB	14	SKYLINE	MED	0	0.00000
CB	14	SKYLINE	LOW	167	0.00020
CB	15	PEANUT	HIGH	44191	0.05452
CB	15	PEANUT	MED	11385	0.01337
CB	15	PEANUT	LOW	0	0.00000
CB	16	MOUNTAIN	HIGH	2182	0.00269
CB	16	MOUNTAIN	MED	18649	0.02190
CB	16	MOUNTAIN	LOW	64802	0.07880
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OCB	5	PIEDMONT	MED	2784	0.00480
OCB	5	PIEDMONT	LOW	10926	0.00759
OCB	6	BLUE RIDGE	HIGH	0	0.00000
OCB	6	BLUE RIDGE	MED	35896	0.06195
OCB	6	BLUE RIDGE	LOW	91615	0.06365
OCB	10	ROBERT E. LEE	HIGH	0	0.00000

Virginia's Agricultural BMP Cost-Share Funding Priorities

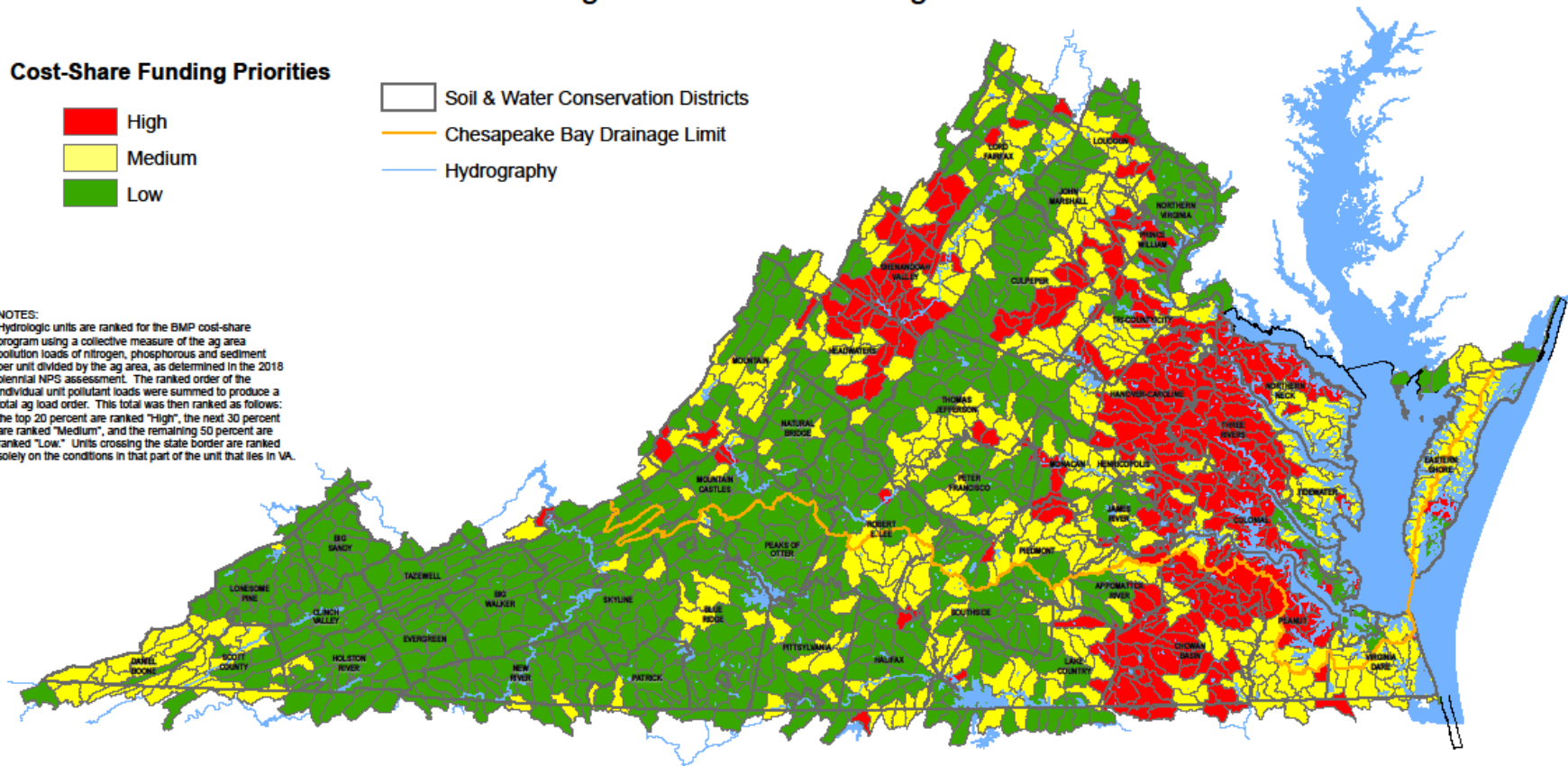
Total Agricultural Unit Ranking - PY2019

Cost-Share Funding Priorities

- High
- Medium
- Low

- Soil & Water Conservation Districts
- Chesapeake Bay Drainage Limit
- Hydrography

NOTES:
Hydrologic units are ranked for the BMP cost-share program using a collective measure of the ag area pollution loads of nitrogen, phosphorous and sediment per unit divided by the ag area, as determined in the 2018 biennial NPS assessment. The ranked order of the individual unit pollutant loads were summed to produce a total ag load order. This total was then ranked as follows: the top 20 percent are ranked "High", the next 30 percent are ranked "Medium", and the remaining 50 percent are ranked "Low." Units crossing the state border are ranked solely on the conditions in that part of the unit that lies in VA.



DATA SOURCES:
WATERSHED NPS LOADS: VPI-BSE, VADCR, VADEQ & USEPA
HYDROLOGIC UNIT BOUNDARIES: VADCR
S&W CONSERVATION DISTRICT BOUNDARIES: VADCR
HYDROGRAPHY: USGS

