

Application Type Renewal
Facility Type Pesticides
Permit Type Individual

**NPDES PERMIT FACT SHEET
PESTICIDES**

Application No. PA0270750
APS ID 774356
Authorization ID 1383219

Applicant and Facility Information

| | | | |
|---------------------------|--|------------------|--|
| Applicant Name | <u>PA DCNR State Parks Bureau</u> | Facility Name | <u>State Park's Lakes Treatment Area</u> |
| Applicant Address | <u>PO Box 8551</u> <u>Harrisburg, PA 17105-8551</u> | Facility Address | <u>PO Box 8551</u> <u>Harrisburg, PA 17105-8551</u> |
| Applicant Contact | <u>Nick Decker</u> | Facility Contact | <u>Nick Decker</u> |
| Applicant Phone | <u>(717) 772-0242</u> | Facility Phone | <u>(717) 772-0242</u> |
| Client ID | <u>64584</u> | Site ID | <u>759041</u> |
| SIC Code | <u>0782</u> | Municipality | <u>Harrisburg City</u> |
| SIC Description | <u>Agriculture - Lawn And Garden Services</u> | County | <u>Dauphin</u> |
| Date Application Received | <u>January 27, 2022</u> | WQM Required | <u>No</u> |
| Date Application Accepted | <u>Not Applicable</u> | EPA Waived | <u>Yes</u> |
| Purpose of Application | <u>Only treat high-use recreation areas and dense non-native and invasive species vegetation areas as necessary.</u> | | |


Internal Review and Recommendations

The PA DCNR State Parks Bureau (SBR) submitted a permit renewal application to continue pesticides application under PA0270750 which was renewed and became effective August 1, 2017 and expires July 31, 2022. An Open Violations report was run on February 18, 2022 and there is one open violation for Greenwood Furnace St Pk (PA0031992) on 11/16/2021.

Background

Water dwelling plants and plants at the water's edge are commonly split into categories including submerged, floating, emergent, and terrestrial plants. Water-dwelling plants and plants at the water's edge are invasive if they are non-native to the place in consideration and are causing, or likely to cause, ecological or economic harm in that place. Some water-dwelling plants and plants at the water's edge that are native can be a nuisance if they are causing, or likely to cause, ecological or economic harm to a place. Nuisance and invasive water-dwelling plants and plants at the water's edge are commonly found and widespread in areas of Pennsylvania's state parks and forests. Invasive water-dwelling plants and plants at the water's edge are expected to have come, and continue to come, to state parks and forests from places where they were already occurring and were transported from by wind, water, wildlife, or people. Nuisance water-dwelling plants and plants at the water's edge are initially identified as a nuisance because of their conflict with a purpose being served by a particular place the plant is occurring (i.e. providing suitable habitat for a species of concern, preventing a dam from being damaged by root intrusions). These plants directly threaten and negatively impact purposes of state parks and forests (i.e. recreation, conservation, cultural).

The SBR uses an Integrative Pest Management approach to control invasive and nuisance plants and other unwanted constituents in recreation areas. The use of pesticides is the last option of their IPM. SBR staff surveys each lake thoroughly to determine if treatment is required to control algal and non-native plant growth. All feasible options prior to the use of herbicides are explored. In order to prevent herbicide resistance, the SBR may change the active ingredients used to treat high use recreation areas. This is reason there are multiple herbicides listed in the renewal application for each water that is treated. In addition, the time the treatment is applied may dictate which herbicide is used.

| Approve | Deny | Signatures | Date |
|---------|------|--|-------------------|
| X | | Harmonie Hawley, P.E. / Environmental Engineer Consultant  | February 25, 2022 |
| X | | Maria L. Schumack Maria L. Schumack, P.E. / Environmental Engineer Manager | February 25, 2022 |

Internal Review and Recommendations

Changes Since the Last Permit Renewal

The SBR also held Joint Chapter 91.38 permit (9913801), but this permit was revoked during a Permit Amendment in 2018. As a part of that amendment the provisions of the joint Chapter 91.38 permit were incorporated into the NPDES permit and Permit Number 9913801 was revoked.

A Permit Amendment was issued by the DEP in 2018 to include additional treatment areas and pesticides covered under this permit. The amended permit incorporated provisions from a Joint Chapter 91.38 Permit (previously described) and included a provision that changes in the pesticide use pattern, a change in pesticides (active ingredients), or an increase in the total amount (dosage) of pesticide did not require an amendment, but a request for approval from DEP. In addition, Site 44 Beltsville was added to the permit. Two new pesticides were added to the permit: Sonar One and Komeen Crystal.

SBR submitted a request to amendment PA0270750 in 2020. The request added three (3) treatment areas to the permit: Site 275 Delaware State Forest to waterbody Peck's Pond; Site 276 Pine Grove Forest to waterbody Sewage Beds; and Site 277 Delaware Canal to waterbody Delaware Canal. No changes were made to these three (3) sites in the permit renewal application. As a part of this amendment a provision that new treatment areas may be authorized by submitting a request for approval in lieu of a permit amendment was included in the permit.

New Treatment Areas

Two (2) new treatment areas are proposed to be added to the permit. Neither of these sites are High Quality (HQ) or Exceptional Value (EV) waters. Site 278 Pinchot State Forest to the waterbody Moon Lake and Site 279 Forbes State Forest to waterbody Powdermill Pond (Appendix A). The proposed pesticides have been approved for use in different treatment areas covered under the permit (Appendix B).

Removed Treatment Areas

This permit renewal included the removal of three (3) treatment areas: Site 26 Parker Dam waterbody Parker; Site 36 Ricketts Glen waterbody Lake Jean; and Site 38 Sinnemahoning waterbody George B. Stevenson.

New Pesticides

One new pesticide, Polaris AC complete, is proposed for use. The proposed dose at the site(s) is the same as the label dose.

Removed Pesticides

It appears that Glyphomate 41 was removed from all site locations that previously contained that pesticide.

PNDI

Pennsylvania Natural Diversity Inventory (PNDI) search receipts were submitted and follow-up with other agencies was completed as necessary.

Anti-Degradation

An anti-degradation analysis was conducted in conjunction with the Bureau of Clean Water, Division of Water Quality Standards. The Department has determined that SBR has satisfied the Department's standards with respect to the issuance of this NPDES individual Pesticide Permit for application in all special protection waters statewide. The Department bases its conclusions upon materials submitted by SBR and that the SBR has been using pesticides to control weeds over the last 35 or more years in different lakes.

As part of the renewal application, anti-degradation modules were completed, and a list of grandfathered sites and pesticides was provided to support the SBR's claim of historical use. The antidegradation modules include information on public health and environmental benefits and options vetted in non-discharge alternatives (such as no action; prevention; source reduction; education; mechanical, physical, cultural, genetic, biological and legal control; and pesticides). In addition, there is a discussion in support of Antidegradation Best Available Combination of Technologies (ABACT) to justify use of pesticides based on timing of the treatment and various stages of growth to calibrate dosage as described on pesticides labels. All the registered pesticide(s) were evaluated by the EPA and have an EPA Registration Number.

Recommendation

DEP has approved pesticides listed in Appendix B to control aquatic weeds in accordance with the label at proposed treatment areas except where concern has been raised by respective state or federal agencies during the PNDI search about listed

Internal Review and Recommendations

endangered and threatened species in the treatment area. In this case, BSP is required to obtain guidance and follow any restriction(s) that may be established by federal and/or state agencies.

The detailed treatment area, name of pesticides, manufacturer's name, EPA registration number, and maximum dose are listed in Appendix B.

This permit renewal will contain the NPDES permit and the Chapter 91 joint permit in one permit (the NPDES permit) as decided in the amendments to the 2017 permit. The language determined in the 2018 and 2020 amendments to combine the two permit types will remain in this permit renewal. The following language from the 2020 Amendment will be continued in Part C of this permit renewal:

- A. If the treatment(s) described herein will continue following the expiration date identified above, the permittee shall submit an application to renew the permit at least 180 days prior to the expiration date.
- B. Approval from USFWS to use proposed pesticides especially Diquat SPC 2L, Navigate, Sonar H4C, Green Clean Pro, Reward, and Tribune in Pymatuning Reservoir Treatment Area is required to protect federally endangered species

The permit renewal will also contain the provision that a request for approval may be used for any change in the pesticide use pattern for an authorized treatment area; a change in the pesticide (active ingredient) that will be used for a treatment area; an increase in the total amount (dosage) of pesticide that will be used in a treatment area; or to add additional treatment areas. As a part of this condition pesticides with same active ingredients but different EPA registration number (due to change in active ingredient proportion or change in manufacturer) may be used if the total concentration of such pesticides does not change.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Appendix A Treatment Area Information-Location

| Treatment Area (No.) | Site | Water body | Municipality | County | Address | City | State | Zip Code |
|-----------------------------|--------------------|-------------------------|--|---------------|----------------------------|----------------|--------------|-----------------|
| 1 | Bald Eagle | Frog Pond | Howard | Centre | 149 Main Park Road | Howard | PA | 16841-3508 |
| 2 | Black Moshannon | Black Moshannon | Rush | Centre | 4216 Beaver Road | Phillipsburg | PA | 16866-9519 |
| 3 | Canoe Creek | Canoe Creek | Frankstown | Blair | 205 Canoe Creek Road | Hollidaysburg | PA | 16648-9752 |
| 4 | Chapman | Chapman | Pleasant | Warren | 4790 Chapman Dam Road | Clarendon | PA | 16313-2830 |
| 5 | Codorus | Marburg | Manheim; Heidelberg; West Manheim; Penn | York | 2600 Smith Station Road | Hanover | PA | 17331-8000 |
| 6 | Frances Slocum | Frances Slocum | Kingston | Luzerne | 565 Mount Olivet Road | Wyoming | PA | 18644-9333 |
| 7 | French Creek | Scotts Run | Union | Berks | 843 Park Road | Elverson | PA | 19520-9523 |
| 8 | French Creek | Hopewell | Union | Berks | 843 Park Road | Elverson | PA | 19520-9523 |
| 9 | Gifford Pinchot | Pinchot | Warrington | York | 2200 Rosstown Road | Lewisberry | PA | 17339-9787 |
| 10 | Gouldsboro | Gouldsboro | Lehigh; Coolbaugh | Monroe; Wayne | SR 507 & State Park Road | Gouldsboro | PA | 18424 |
| 11 | Hills Creek | Hills Creek | Charleston | Tioga | 111 Spillway Road | Wellsboro | PA | 16901-9676 |
| 12 | Kettle Creek | Kettle Creek Reservoir | Leidy | Clinton | 97 Kettle Creek Park Lane | Renovo | PA | 17764-9708 |
| 13 | Keystone | Keystone Lake | Derry | Westmoreland | 1150 Keystone Park Road | Derry | PA | 15627-3679 |
| 14 | Kooser | Kooser | Jefferson | Somerset | 943 Glades Pike | Somerset | PA | 15501-5808 |
| 15 | Lackawanna | Lackawanna | Benton; North Abington | Lackawanna | 1839 Abington Rd | North Abington | PA | 18414-9785 |
| 16 | Laurel Hill | Laurel Hill | Jefferson; Middle Creek | Somerset | 1454 Laurel Hill Park Road | Somerset | PA | 15501-5629 |
| 17 | Little Buffalo | Holman Lake | Juniata; Centre | Perry | 1579 State Park Road | Newport | PA | 17074-9428 |
| 18 | Lyman Run | Lyman Run | West Branch | Potter | 454 Lyman Run Road | Gaeton | PA | 16922-9301 |
| 19 | Marsh Creek | Marsh Creek | Upper Uwchlan; Wallace | Chester | 675 Park Road | Downington | PA | 19335-1898 |
| 20 | Maurice K. Goddard | Wilhelm | Mill Creek; Sandy Lake; New Vernon; Deer Creek | Mercer | 684 Lake Wilhelm Road | Sandy Lake | PA | 16145-2310 |
| 21 | Memorial Lake | Memorial | East Hanover | Lebanon | 18 Boundary Road | Grantville | PA | 17028-9682 |
| 22 | Moraine | Arthur | Brady; Franklin; Worth; Muddy Creek | Butler | 225 Pleasant Valley Road | Portersville | PA | 16051-2031 |
| 23 | Mount Pisgah | Stephen Foster | West Burlington | Bradford | 28 Entrance Road | Troy | PA | 16947-9448 |
| 24 | Nockamixon | Nockamixon | Haycock; Nockamixon; Bedminster; East Rockhill | Bucks | 1542 Mountain View Road | Quakertown | PA | 18995-1573 |
| 25 | Nockamixon | Children's Fishing Pond | Haycock | Bucks | 1542 Mountain View Road | Quakertown | PA | 18995-1573 |
| 27 | Pine Grove Furnace | Fuller | Cooke | Cumberland | 1100 Pine grove Road | Gardners | PA | 17324-8837 |

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|-----|--------------------------|----------------------|--------------------------------------|-----------------------|-------------------------------------|---------------------|----|------------|
| 28 | Pine Grove Furnace | Laurel | Cooke | Cumberland | 1100 Pine grove Road | Gardners | PA | 17324-8837 |
| 29 | Presque Isle | Peninsula Waters | Millcreek | Erie | 301 Peninsula Drive | Erie | PA | 16505-2042 |
| 30 | Prince Gallitzin | Glendale | White; Chest | Cambria | 966 Marina Road | Patton | PA | 16668-6317 |
| 31 | Promised Land | Upper | Greene; Palmyra; Blooming Grove | Pike | 100 Lower Lake Road | Greentown | PA | 18426-9735 |
| 32 | Promised Land | Lower | Greene | Pike | 100 Lower Lake Road | Greentown | PA | 18426-9735 |
| 33 | Pymatuning | Pymatuning Reservoir | Pine; Conneaut; N,S, & W Shenango | Crawford | 2660 Williamsfield Road | Jamestown | PA | 16134-3560 |
| 34 | R.B. Winter | Halfway | Hartley | Union | 17215 Buffalo Road | Mifflinburg | PA | 17844-9656 |
| 35 | Raccoon | Raccoon | Hanover | Beaver | 3000 State Route 18 | Hookstown | PA | 15050-1605 |
| 37 | Shawnee | Shawnee | Napier | Bedford | 132 State Park Road | Schellsburg | PA | 15559-7300 |
| 39 | Tobyhanna | Tobyhanna | Coolbaugh | Monroe | 114 Campground Road | Tobyhanna | PA | 18466-0387 |
| 40 | Whipple Dam | Whipple | Jackson | Huntington | 3746 Laurel Run Road | Petersburg | PA | 16669 |
| 41 | Yellow Creek | Yellow Creek | Bush Valley; Cherryhill | Indiana | 170 Route 259 Highway | Penn Run | PA | 15765-5941 |
| 42 | Sinnemahoning | Wildlife Pond | Grove | Cameron | 4843 Park Road | Austin | PA | 16720-4223 |
| 44 | Beltzville | Beltzville | Franklin; Towamensing | Carbon | 2950 Pohopoco Drive | Lehighton | PA | 18235-8905 |
| 55 | Tuscarora | Tuscarora | Rush; Ryan | Schuylkill | 687 Tuscarora Park Road | Barnesville | PA | 18214 |
| 275 | Delaware State Forest | Peck's Pond | Porter; Blooming Grove | Pike | Pecks Pond Road | Dingmans Ferry | PA | 18328 |
| 276 | Pine Grove Furnace | Sewage Beds | Cooke | Cumberland | 1100 Pine grove Road | Gardners | PA | 17324-8837 |
| 277 | Delaware Canal | Delaware Canal | Bridgeton et al. ² | Bucks; Northampton | 11 Lodi Hill Rd | Upper Black Eddy | PA | 18972 |
| 278 | Pinchot State Forest | Moon Lake | Plymouth | Luzerne | PA Route 29 | Hunlock Creek | PA | 18621 |
| 279 | Forbes State Forest | Powdermill Pond | Georges | Fayette | Forbes State Forest, Dupont Lane | Oliphant Furnace | PA | 15401 |

Appendix B: Proposed Pesticides and Doses

| Treatment Area (No.) | Name | Manufacturer | EPA Reg. # | Max. Dose |
|----------------------|----------------|---------------------|----------------|--------------|
| 1 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 1 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 1 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 1 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 1 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 1 | Navigate | Applied Biochemists | 228-378-8959 | 21 lb/ac |
| 1 | Renovate 3 | SePro | 62719-37-67690 | 8 qt/ac |
| 1 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 1 | Triclopyr 3 | Alligare | 81927-13 | 2 gal/ac |
| 2 | 2,4-D Amine | Alligare | 81927-38 | 9.94 gal/ac |
| 2 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 2 | Clean Amine | Loveland Products | 34704-120 | 40.425 qt/ac |
| 2 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 2 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 2 | DMA 4 IVM | DOW | 62719-3 | 9.94 gal/ac |
| 2 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 2 | Renovate 3 | SePro | 62719-37-67690 | 8 qt/ac |
| 2 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 2 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 2 | Triclopyr 3 | Alligare | 81927-13 | 2 gal/ac |
| 3 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 3 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 3 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 3 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 3 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 3 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 3 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 3 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 3 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 3 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 3 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 3 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 4 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 4 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 4 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 4 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 4 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 4 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 4 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 4 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 4 | Renovate 3 | SePro | 62719-37-67690 | 8 qt/ac |
| 4 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |

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|---|----------------|--------------------------|----------------|---------------|
| 5 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 5 | Diquat SPC 2L | Nufarm | 228-675 | 2 gal/ac |
| 5 | Komeen | SePro | 67690-25 | 8 gal/ac |
| 5 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 5 | SonarOne | SePro | 67690-45 | 8.1 lb/ac-ft |
| 5 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 5 | Reward | Syngenta | 100-1091 | 2 gal/ac |
| 5 | Tribune | Syngenta | 100-1390 | 2 gal/ac |
| 5 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 6 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 6 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 6 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 6 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 6 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 6 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 6 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 2.5 gal/ac-ft |
| 6 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 6 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 7 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 7 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 7 | Diquat SPC 2L | Nufarm | 228-675 | 2 gal/ac |
| 7 | Reward | Syngenta | 100-1091 | 2 gal/ac |
| 7 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 7 | Tribune | Syngenta | 100-1390 | 2 gal/ac |
| 7 | SonarOne | SePro | 67690-45 | 8.1 lb/ac-ft |
| 7 | Komeen | SePro | 67690-25 | 8 gal/ac |
| 8 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 8 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 8 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 8 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 8 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 8 | Diquat SPC 2L | Nufarm | 228-675 | 2 gal/ac |
| 8 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 8 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 8 | Komeen | SePro | 67690-25 | 8 gal/ac |
| 8 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 8 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 8 | Reward | Syngenta | 100-1091 | 2 gal/ac |
| 8 | Tribune | Syngenta | 100-1390 | 2 gal/ac |
| 8 | Sonar One | SePro | 67690-45 | 8.1 lb/ac-ft |
| 8 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 9 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 9 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 9 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 9 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 9 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 9 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 9 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |

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| | | | | |
|----|----------------|--------------------------|----------------|---------------|
| 9 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 9 | Habitat | SePro | 241-426-67690 | 4 pt/ac |
| 9 | Komeen | SePro | 67690-25 | 8 gal/ac |
| 9 | Komeen Crystal | SePro | 67690-60` | 15.5lb/ac-ft |
| 9 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 9 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 9 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 9 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 9 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 9 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 10 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 10 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 10 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 10 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 10 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 10 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 10 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 10 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 11 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 11 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 11 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 11 | Clearcast | SePro | 241-437-67690 | 400 oz/ac |
| 11 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 11 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1.5 gal/ac-ft |
| 11 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 11 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 11 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 11 | Habitat | SePro | 241-426-67690 | 4 pt/ac |
| 11 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 11 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 11 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 11 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 11 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 11 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 11 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 12 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 12 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 12 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 12 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 12 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 12 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 12 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 12 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 12 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 12 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 12 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 12 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 13 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |

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|----|----------------|--------------------------|----------------|---------------|
| 13 | 2,4-D Amine | Alligare | 81927-38 | 8.52 gal/ac |
| 13 | Clean Amine | Loveland Products | 34704-120 | 34.62 qt/ac |
| 13 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 13 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 13 | DMA 4 IVM | DOW | 62719-3 | 8.53 gal/ac |
| 13 | Navigate | Applied Biochemists | 228-378-8959 | 170.5 lbs/ac |
| 13 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 13 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 13 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 13 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 14 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 14 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1.5 gal/ac-ft |
| 14 | Diquat SPC 2L | Nufarm | 228-675 | 1.5 gal/ac |
| 14 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 14 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 14 | Reward | Syngenta | 100-1091 | 1.5 gal/ac |
| 14 | Tribune | Syngenta | 100-1390 | 1.5 gal/ac |
| 15 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 15 | 2,4-D Amine | Alligare | 81927-38 | 8.52 gal/ac |
| 15 | Clean Amine | Loveland Products | 34704-120 | 34.62 qt/ac |
| 15 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 15 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 15 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 15 | DMA 4 IVM | DOW | 62719-3 | 8.53 gal/ac |
| 15 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 15 | Navigate | Applied Biochemists | 228-378-8959 | 170.5 lbs/ac |
| 15 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 15 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 15 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 15 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 16 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 16 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 16 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 16 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 16 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 16 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 17 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 17 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 17 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 17 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 17 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 17 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 17 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 17 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 17 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 18 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 18 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 18 | Tribune | Syngenta | 100-1390 | 1 gal/ac |

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|----|----------------|--------------------------|----------------|---------------|
| 19 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 19 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 19 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 19 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 19 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 19 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 19 | Habitat | SePro | 241-426-67690 | 4 pt/ac |
| 19 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 19 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 19 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 19 | Komeen | SePro | 67690-25 | 8 gal/ac |
| 19 | SonarOne | SePro | 67690-45 | 8.1 lb/ac-ft |
| 19 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 19 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 20 | 2,4-D Amine | Alligare | 81927-38 | 9.94 gal/ac |
| 20 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 20 | Clean Amine | Loveland Products | 34704-120 | 40.425 qt/ac |
| 20 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 20 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 20 | Clipper | Valent | 59639-161 | 12oz/ac |
| 20 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 20 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 20 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 20 | DMA 4 IVM | DOW | 62719-3 | 9.94 gal/ac |
| 20 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 20 | Navigate | Applied Biochemists | 228-378-8959 | 170.5 lbs/ac |
| 20 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 20 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 20 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 20 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 20 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 21 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 21 | Sonar One | SePro | 67690-45 | 8.1 lb/ac-ft |
| 21 | 2,4-D Amine | Alligare | 81927-38 | 8.52 gal/ac |
| 21 | Clean Amine | Loveland Products | 34704-120 | 34.62 qt/ac |
| 21 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 21 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 21 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 21 | DMA 4 IVM | DOW | 62719-3 | 8.53 gal/ac |
| 21 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 21 | Navigate | Applied Biochemists | 228-378-8959 | 170.5 lbs/ac |
| 21 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 21 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 21 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 21 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 22 | 2,4-D Amine | Alligare | 81927-38 | 8.52 gal/ac |
| 22 | SonarOne | SePro | 67690-45 | 8.1 lb/ac-ft |
| 22 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |

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|----|----------------|--------------------------|----------------|---------------|
| 22 | Clean Amine | Loveland Products | 34704-120 | 34.62 qt/ac |
| 22 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 22 | Clearcast | SePro | 241-437-67690 | 172 oz/ac-ft |
| 22 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 22 | Diquat SPC 2L | Nufarm | 228-675 | 2 gal/ac |
| 22 | DMA 4 IVM | DOW | 62719-3 | 8.53 gal/ac |
| 22 | Komeen | SePro | 67690-25 | 8 gal/ac |
| 22 | Navigate | Applied Biochemists | 228-378-8959 | 170.5 lb/ac |
| 22 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 22 | Reward | Syngenta | 100-1091 | 2 gal/ac |
| 22 | Tribune | Syngenta | 100-1390 | 2 gal/ac |
| 22 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 23 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 23 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 23 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 23 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 23 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 23 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 24 | 2,4-D Amine | Alligare | 81927-38 | 14.21 gal/ac |
| 24 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 24 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 24 | Clean Amine | Loveland Products | 34704-120 | 57.58 qt/ac |
| 24 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 24 | SonarOne | SePro | 67690-45 | 8.1 lb/ac-ft |
| 24 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 24 | Diquat SPC 2L | Nufarm | 228-675 | 2 gal/ac |
| 24 | DMA 4 IVM | DOW | 62719-3 | 14.21 gal/ac |
| 24 | Komeen | SePro | 67690-25 | 8 gal/ac |
| 24 | Navigate | Applied Biochemists | 228-378-8959 | 170.5 lb/ac |
| 24 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 24 | Reward | Syngenta | 100-1091 | 2 gal/ac |
| 24 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 24 | Tribune | Syngenta | 100-1390 | 2 gal/ac |
| 24 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 25 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 25 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 25 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 25 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 25 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 25 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lb/ac |
| 25 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 27 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 27 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 27 | SonarOne | SePro | 67690-45 | 8.1 lb/ac-ft |
| 27 | Komeen | SePro | 67690-25 | 6 gal/ac |
| 27 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 27 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 28 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |

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|----|---------------------|--------------------------|----------------|---------------|
| 28 | SonarOne | SePro | 67690-45 | 8.1 lb/ac-ft |
| 28 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 28 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 28 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 28 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 28 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 28 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 28 | Komeen | SePro | 67690-25 | 6 gal/ac |
| 28 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 28 | Renovate 3 | SePro | 62719-37-67690 | 8 qt/ac |
| 28 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 28 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 28 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 28 | Triclopyr 3 | Alligare | 81927-13 | 2 gal/ac |
| 29 | Aquaneat | Nufarm | 228-365 | 96 oz/ac |
| 29 | Polaris AC Complete | Nufarm | 228-570 | 3 pts/ac |
| 29 | Polaris | Nufarm | 228-534 | 64 oz/ac |
| 29 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 29 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 29 | Rodeo | DOW | 62719-324 | 6 pt/ac |
| 29 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 29 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 29 | Clipper | Valent | 59639-161 | 12 oz/ac |
| 29 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 29 | Vastlan | DOW | 62719-687 | 1.5 qt/ac |
| 30 | 2,4-D Amine | Alligare | 81927-38 | 8.42pt/ac |
| 30 | Aquaneat | Nufarm | 228-365 | 6 pt/ac |
| 30 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 30 | SonarOne | SePro | 67690-45 | 8.1 lb/ac-ft |
| 30 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 30 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 30 | Clearcast | SePro | 241-437-67690 | 172oz/ac-ft |
| 30 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 30 | Cutrine Plus | Applied Biochemists | 8959-12 | 90 lb/ac |
| 30 | Diquat SPC 2L | Nufarm | 228-675 | 2 gal/ac |
| 30 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 30 | Garlon 3A | DOW | 62719-37 | 2 qt/ac |
| 30 | GreenClean Pro | BioSafe Systems | 70299-15 | 90 lb/ac |
| 30 | Habitat | SePro | 241-437-67690 | 2 pt/ac |
| 30 | Komeen | SePro | 67690-25 | 8 gal/ac |
| 30 | Komeen Crystal | SePro | 67690-60 | 15.5lb/ac-ft |
| 30 | Navigate | Applied Biochemists | 228-378-8959 | 170.5 lbs/ac |
| 30 | Polaris | Nufarm | 228-534 | 2 pt/ac |
| 30 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 30 | Reward | Syngenta | 100-1091 | 2 gal/ac |
| 30 | Rodeo | DOW | 62719-324 | 6 pt/ac |
| 30 | Tribune | Syngenta | 100-1390 | 2 gal/ac |
| 30 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |

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|----|----------------|--------------------------|----------------|---------------|
| 31 | 2,4-D Amine | Alligare | 81927-38 | 9.94 gal/ac |
| 31 | Clean Amine | Loveland Products | 34704-120 | 40.425 qt/ac |
| 31 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 31 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 31 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 31 | DMA 4 IVM | DOW | 62719-3 | 9.94 gal/ac |
| 31 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 31 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 31 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 31 | Aquaneat | Nufarm | 228-365 | 96 oz/ac |
| 31 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 31 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 31 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 31 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 31 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 32 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 32 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 32 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 32 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 32 | Aquaneat | Nufarm | 228-365 | 96 oz/ac |
| 32 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 32 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 32 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 32 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 32 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 32 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 32 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 32 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 32 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 33 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 33 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 33 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 33 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 33 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 33 | Cutrine Plus | Applied Biochemists | 8959-12 | 90 lb/ac |
| 33 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 33 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 33 | Diquat SPC 2L | Nufarm | 228-675 | 2 gal/ac |
| 33 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 33 | Komeen | SePro | 67690-25 | 8 gal/ac |
| 33 | Navigate | Applied Biochemists | 228-378-8959 | 200 lbs/ac |
| 33 | Renovate 3 | SePro | 62719-37-67690 | 8 qt/ac |
| 33 | Reward | Syngenta | 100-1091 | 2 gal/ac |
| 33 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 33 | Sonar H4C | SePro | 67690-61 | 82.5 lb/ac |
| 33 | Sonar One | SePro | 67690-45 | 8.1 lb/ac-ft |
| 33 | Sonar SRP | SePro | 67690-12 | 44.55 lb/ac |
| 33 | Tribune | Syngenta | 100-1390 | 2 gal/ac |

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|----|----------------|---------------------|----------------|--------------|
| 33 | Komeen Crystal | SePro | 67690-60 | 15.5lb/ac-ft |
| 33 | Clipper | Valent | 59639-161 | 12oz/ac |
| 33 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 33 | Triclopyr 3 | Alligare | 81927-13 | 8 qt/ac |
| 34 | Citrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 34 | Citrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 34 | GreenClean Pro | BioSafe Systems | 70299-15 | 100lb/ac-ft |
| 35 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 35 | 2,4-D Amine | Alligare | 81927-38 | 8.52 gal/ac |
| 35 | Clean Amine | Loveland Products | 34704-120 | 34.62 qt/ac |
| 35 | Clearcast | SePro | 241-437-67690 | 207 oz/ac |
| 35 | Citrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 35 | Citrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 35 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 35 | DMA 4 IVM | DOW | 62719-3 | 8.53 gal/ac |
| 35 | Navigate | Applied Biochemists | 228-378-8959 | 170.5 lbs/ac |
| 35 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 35 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 35 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 35 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 37 | Aquaneat | Nufarm | 228-365 | 6 pt/ac |
| 37 | Citrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 37 | Citrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 37 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 37 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 37 | Habitat | SePro | 241-437-67690 | 2 pt/ac |
| 37 | Polaris | Nufarm | 228-534 | 2 pt/ac |
| 37 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 37 | Rodeo | DOW | 62719-324 | 6 pt/ac |
| 37 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 39 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 39 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 39 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 39 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 39 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 39 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 39 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 39 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 39 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 39 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 39 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 39 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 40 | Aquaneat | Nufarm | 228-365 | 6 pt/ac |
| 40 | Clipper | Valent | 59639-161 | 8 lb/ac |
| 40 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 40 | Habitat | SePro | 241-437-67690 | 2 pt/ac |
| 40 | Navigate | Applied Biochemists | 228-378-8959 | 21 lb/ac |
| 40 | Polaris | Nufarm | 228-534 | 2 pt/ac |

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|-----|----------------|--------------------------|----------------|----------------|
| 40 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 40 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 40 | Rodeo | DOW | 62719-324 | 6 pt/ac |
| 40 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 40 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 41 | Aquaneat | Nufarm | 228-365 | 6 pt/ac |
| 41 | Procellacor EC | SePro | 67690-80 | 1pt/ac-ft |
| 41 | Clearcast | SePro | 241-437-67690 | 128oz/ac |
| 41 | Cutrine Plus | Applied Biochemists | 8959-12 | 60 lb/ac |
| 41 | Cutrine-Ultra | Applied Biochemists | 8959-53 | 1 gal/ac-ft |
| 41 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 41 | Habitat | SePro | 241-437-67690 | 2 pt/ac |
| 41 | Navigate | Applied Biochemists | 228-378-8959 | 198.5 lbs/ac |
| 41 | Polaris | Nufarm | 228-534 | 2 pt/ac |
| 41 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 41 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 41 | Rodeo | DOW | 62719-324 | 6 pt/ac |
| 41 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 41 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 42 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 42 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 42 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 42 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 42 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 42 | Renovate 3 | SePro | 62719-37-67690 | 8 qt/ac |
| 42 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 42 | Triclopyr 3 | Alligare | 81927-13 | 2 gal/ac |
| 44 | SonarOne | SePro | 67690-61 | 8.1 lb/ac-ft |
| 44 | Aquathol K | United Phosphorous, Inc. | 70506-176 | 3.2 gal/ac-ft |
| 44 | Diquat SPC 2L | Nufarm | 228-675 | 0.25 gal/ac-ft |
| 44 | Reward | Syngenta | 100-1091 | 0.25 gal/ac-ft |
| 44 | Tribune | Syngenta | 100-1390 | 0.25 gal/ac-ft |
| 44 | Komeen | SePro | 67690-25 | 0.5 gal/ac-ft |
| 55 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 55 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 55 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 55 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 55 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 55 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 55 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 55 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 275 | Procellacor EC | SePro | 67690-80 | 16oz/acft |
| 275 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 275 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 275 | Renovate 3 | SePro | 62719-37-67690 | 6.8 gal/ac |
| 275 | Triclopyr 3 | Alligare | 81927-13 | 6.8 gal/ac |
| 275 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 275 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |

**NPDES Permit Fact Sheet NPDES Permit No. PA0270750
State Park's Lakes Treatment Area**

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|-----|---------------|---------------------|----------------|--------------|
| 275 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 275 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 275 | Clean Amine | Loveland Products | 34704-120 | 8.52 gal/ac |
| 275 | DMA 4 IVM | DOW | 62719-3 | 8.53 gal/ac |
| 275 | 2,4-D Amine | Alligare | 81927-38 | 8.52 gal/ac |
| 275 | Habitat | SePro | 241-437-67690 | 4 pints/acre |
| 276 | Aquaneat | Nufarm | 228-365 | 96 oz/ac |
| 276 | Habitat | SePro | 241-437-67690 | 64 oz/ac |
| 276 | Polaris | Nufarm | 228-534 | 64 oz/ac |
| 276 | Rodeo | DOW | 62719-324 | 6 pt/ac |
| 276 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 277 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 277 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 277 | Renovate 3 | SePro | 62719-37-67690 | 8 qt/ac |
| 277 | Triclopyr 3 | Alligare | 81927-13 | 2 gal/ac |
| 277 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 277 | Clean Amine | Loveland Products | 34704-120 | 4.28 qt/ac |
| 277 | DMA 4 IVM | DOW | 62719-3 | 8.42 pt/ac |
| 277 | 2,4-D Amine | Alligare | 81927-38 | 8.42 pt/ac |
| 277 | Habitat | SePro | 241-437-67690 | 4 pints/acre |
| 277 | Polaris | Nufarm | 228-534 | 64 oz/ac |
| 278 | Clipper | Valent | 59639-161 | 8 lb/ac |
| 278 | Diquat SPC 2L | Nufarm | 228-675 | 1 gal/ac |
| 278 | Polaris | Nufarm | 228-534 | 2 pt/ac |
| 278 | Renovate 3 | SePro | 62719-37-67690 | 5 gal/ac |
| 278 | Reward | Syngenta | 100-1091 | 1 gal/ac |
| 278 | Rodeo | DOW | 62719-324 | 6 pt/ac |
| 278 | Tribune | Syngenta | 100-1390 | 1 gal/ac |
| 278 | Triclopyr 3 | Alligare | 81927-13 | 5 gal/ac |
| 279 | 2,4-D Amine | Alligare | 81927-38 | 9.94 gal/ac |
| 279 | Aquaneat | Nufarm | 228-365 | 7.5 pt/ac |
| 279 | Clean Amine | Loveland Products | 34704-120 | 40.425 qt/ac |
| 279 | Clearcast | SePro | 241-437-67690 | 128 oz/ac |
| 279 | DMA 4 IVM | DOW | 62719-3 | 9.94 gal/ac |
| 279 | Navigate | Applied Biochemists | 228-378-8959 | 200 lbs/ac |
| 279 | Renovate 3 | SePro | 62719-37-67690 | 8 qt/ac |
| 279 | Rodeo | DOW | 62719-324 | 7.5 pt/ac |
| 279 | Triclopyr 3 | Alligare | 81927-13 | 2 gal/ac |