

CI Agent - Soldier

RRT III



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05/04/2007 03:58 PM

To: undisclosed-recipients;;  
cc: (bcc: Michael Chezik/PEP/OS/DOI)  
Subject: CI Agent Preauthorization Document

CI Agent Preauthorization document has been signed by the Commonwealths of Pennsylvania and Virginia and the States of Delaware, Maryland and West Virginia. The document is authorized for use in the Region except for the District of Columbia who has not signed off as of today.

The document is on the RRT III website on the Recent Initiatives page.

The Website address is: <http://www.uscg.mil/d5/msafety/rrt/index.htm>

If you have any questions, please do not hesitate to contact Linda Baines at 757-398-6364 or myself.

Thank you,  
Linda

Linda M. Marzulli  
RRC Coordinator  
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S. Working Agent - RRT III



Peter\_C\_McGowan@fws.gov

02/26/2007 07:00 AM

To: Boyd.Kevin@epamail.epa.gov, Michael Chezik/PEP/OS/DOI@DOI  
cc: Susan\_Lingenfelser@fws.gov  
Subject: Virginia surface washing agent and CIAgent table update

Mike and Kevin, please replace surface washing agent Table 6 (Virginia) with the attached table. Also, replace solidifier (CIAgent) Table 5 with the attached table.

There was some updated information that needed to be added to both tables.

Pete

(See attached file: shoreline cleanersTable Virginia.doc) (See attached file: Table5 CIAgent Virginia.doc)

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Environmental Contaminants Biologist  
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177 Admiral Cochrane Drive  
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410-573-4523



410-269-0832 fax shoreline cleanersTable Virginia.doc Table5 CIAgent Virginia.doc

Table 6. List of Virginia Counties that either have pre-approval to use evaluated surface washing agents for field test purposes or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected by its use, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Virginia please call the Service's Virginia Field Office reached at 804-693-6694.

County	Pre-approval	Notification	Species
Accomack	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Piping plover ( <i>Charadrius melodus</i> ); Loggerhead sea turtle ( <i>Caretta caretta</i> ); (Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> ))
Albemarle	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); James spiny mussel ( <i>Pleurobema collina</i> )
Alleghany	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); James spiny mussel ( <i>Pleurobema collina</i> )
Amelia	Yes	No	N/A
Amherst	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); James spiny mussel ( <i>Pleurobema collina</i> )
Appomattox	No	Yes	Small whorled pogonia ( <i>Isotria medeoloides</i> )
Augusta	No	Yes	Madison cave isopod( <i>Antrolana lira</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); Swamp pink ( <i>Helonius bullata</i> ); Eastern prairie fringed orchid ( <i>Platanthera leucophaea</i> ); Virginia sneezeweed ( <i>Helenium virginicum</i> )
Bath	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); James spiny mussel ( <i>Pleurobema collina</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Bedford	No	Yes	Roanoke logperch ( <i>Percina rex</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Blande	Yes	No	N/A
Botetourt	No	Yes	James spiny mussel ( <i>Pleurobema collina</i> )
City of Bristol	Yes	No	N/A
Brunswick	No	Yes	Roanoke logperch ( <i>Percina rex</i> )
Buchanan	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Buckingham	No	Yes	Small whorled pogonia ( <i>Isotria medeoloides</i> )
City of Buena Vista	Yes	No	N/A
Campbell	Yes	No	N/A
Caroline	No	Yes	Small whorled pogonia ( <i>Isotria medeoloides</i> ); Swamp pink ( <i>Helonius bullata</i> )
Carroll	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
Charles City	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Charlotte	Yes	No	N/A
City of Chesapeake	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Chesterfield	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )



Table 6. List of Virginia Counties that either have pre-approval to use evaluated surface washing agents for field test purposes or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected by its use, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Virginia please call the Service's Virginia Field Office reached at 804-693-6694.

County	Pre-approval	Notification	Species
Clarke	No	Yes	Madison cave isopod ( <i>Antrolana lira</i> )
City of Colonial Heights	Yes	No	N/A
City of Covington	Yes	No	N/A
Craig	Yes	No	James spiny mussel ( <i>Pleurobema collina</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Culpepper	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Cumberland	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Dickenson	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Dinwiddie	Yes	No	Roanoke logperch ( <i>Percina Rex</i> )
City of Emporia	Yes	No	N/A
Essex	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Fairfax	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Fauquier	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Dwarf wedgedmussel ( <i>Alismidonta heterodon</i> )
Floyd	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> ); Mitchell's Satyr ( <i>Neonympha mitchelli mitchelli</i> )
Fluvanna	No	Yes	James spiny mussel ( <i>Pleurobema collina</i> )
Franklin	No	No	Roanoke logperch ( <i>Percina Rex</i> )
Frederick	Yes	No	N/A
City of Fredericksburg	Yes	No	N/A
City of Galax	Yes	No	N/A
Giles	No	Yes	James spiny mussel ( <i>Pleurobema collina</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Gloucester	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Goochland	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); James spiny mussel ( <i>Pleurobema collina</i> )
Grayson	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
Greene	No	Yes	James spiny mussel ( <i>Pleurobema collina</i> )
Greensville	No	Yes	Roanoke logperch ( <i>Percina rex</i> )
Halifax	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
City of Hampton	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Piping plover ( <i>Charadrius melodus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis</i> )
Hanover	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )



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County	Pre-approval	Notification	Species
City of Harrisonburg	Yes	No	N/A
Henrico	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ) Swamp pink ( <i>Helonius bullata</i> )
Henry	No	Yes	Roanoke logperch ( <i>Percina rex</i> ); James spiny mussel ( <i>Pleurobema collina</i> )
Highland	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); James spiny mussel ( <i>Pleurobema collina</i> )
City of Hopewell	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Isle of Wight	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
James City	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
King and Queen	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
King George	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Shortnose sturgeon ( <i>Acipenser brevirostrum</i> )
King William	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Lancaster	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> );
Lee	No	Yes	Slender chub ( <i>Erimystax cahni</i> ); yellowfin madtom ( <i>Noturus flavipennis</i> ); Blackside dace ( <i>Phoxinus cumberlandensis</i> ); Oyster mussel ( <i>Epioblasma capsaeformis</i> ); Shiny pigtoe ( <i>Fusconaia cor</i> ); Fine rayed pig toe ( <i>Fusconaia cunelous</i> ); Cracking pearlymussel ( <i>Hemistena lata</i> ); Birdwing pearlymussel ( <i>Lemiox rimosus</i> ); Lee county cave isopod ( <i>Lirceus usdagalun</i> ); Little-wing pearlymussel ( <i>Pegias fibula</i> ); Rough rabbitsfoot ( <i>Quadrula cylindrical strigillata</i> ); Fluted kidneyshell ( <i>Ptychobranchus subtentum</i> ); Slabside pearlymussel ( <i>Lexingtonia dolabelloides</i> ); Sheepnose ( <i>Plethobasiscus cyphus</i> ); Cumberland monkeyface pearlymussel ( <i>Quadrula intermedia</i> ); Appalachian monkeyface pearlymussel ( <i>Quadrula sparsa</i> ); Purple bean ( <i>Villosa perpurpurea</i> ); Cumberland bean ( <i>Villosa trabalis</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> ); White fringeless orchid ( <i>Platanthera integrilabia</i> )
Loudon	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )

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County	Pre-approval	Notification	Species
Louisa	No	Yes	Dwarf wedgemussel ( <i>Alismidonta heterodon</i> )
Lunenburg	No	Yes	Dwarf wedgemussel ( <i>Alismidonta heterodon</i> )
City of Lynchburg	Yes	No	N/A
Madison	Yes	No	N/A
Mathews	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> )
Mecklenburg	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Roanoke log perch ( <i>Percina rex</i> )
Middlesex	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> )
Montgomery	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Roanoke log perch ( <i>Percina rex</i> )
Nelson	No	Yes	Swamp pink ( <i>Helonius bullata</i> ); James spiny mussel ( <i>Pleurobema collina</i> )
New Kent	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> ); Swamp pink ( <i>Helonius bullata</i> );
City Newport News	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
City of Norfolk	Yes	No	N/A
Northampton	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Piping plover ( <i>Charadrius melodus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> ); Loggerhead sea turtle ( <i>Caretta caretta</i> ); Seabeach amaranth ( <i>Amaranthus pumilus</i> )
Northumberland	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> )
Nottoway	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Roanoke logperch ( <i>Percina rex</i> ); Dwarf wedgemussel ( <i>Alismidonta heterodon</i> )
Orange	Yes	No	N/A
Page	No	Yes	Shenandoah salamander ( <i>Plethodon Shenandoah</i> )
Patrick	No	Yes	James spiny mussel ( <i>Pleurobema collina</i> ); Roanoke logperch ( <i>Percina rex</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
City of Petersburg	Yes	No	N/A
Pittsylvania	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Roanoke logperch ( <i>Percina rex</i> ); James spiny mussel ( <i>Pleurobema collina</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )



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County	Pre-approval	Notification	Species
Patrick	No	Yes	James spiny mussel ( <i>Pleurobema collina</i> ); Roanoke logperch ( <i>Percina rex</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
City of Petersburg	Yes	No	N/A
Pittsylvania	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Roanoke logperch ( <i>Percina rex</i> ); James spiny mussel ( <i>Pleurobema collina</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
City of Poquoson	No	Yes	Northeastern beach tiger beetle ( <i>Cicindela dorsalis</i> )
City of Portsmouth	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Piping plover ( <i>Charadrius melodus</i> )
Powhatan	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); James spiny mussel ( <i>Pleurobema collina</i> )
Prince Edward	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Prince George	No	Yes	Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Prince William	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Pulaski	Yes	No	N/A
Rappahannock	No	Yes	Shenandoah salamander ( <i>Plethodon Shenandoah</i> )
Richmond	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
City of Richmond	No	Yes	Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Roanoke	No	Yes	Roanoke logperch ( <i>Percina rex</i> )
City of Roanoke	No	Yes	Roanoke logperch ( <i>Percina rex</i> )
Rockbridge	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Madison cave isopod ( <i>Antrolana lira</i> ); James spiny mussel ( <i>Pleurobema collina</i> )
Rockingham	No	Yes	Madison cave isopod ( <i>Antrolana lira</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); Virginia sneezeweed ( <i>Helenium virginicum</i> )



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County	Pre-approval	Notification	Species
Russell	No	Yes	Slender chub ( <i>Erimystax cahni</i> ); Yellowfin madtom ( <i>Noturus flavipennis</i> ); Spectaclecase ( <i>Cumberlandia monodonta</i> ); Tan riffleshell ( <i>Epioblasma florentina walkeri</i> ); Oyster mussel ( <i>Epioblasma capsaeformis</i> ); Shiny pigtoe ( <i>Fusconaia cor</i> ); Fine rayed pig toe ( <i>Fusconaia cunelous</i> ); Cracking pearlymussel ( <i>Hemistena lata</i> ); Birdwing pearlymussel ( <i>Lemiox rimosus</i> ); Lee county cave isopod ( <i>Lirceus usdagalun</i> ); Little-wing pearlymussel ( <i>Pegias fibula</i> ); Rough rabbitsfoot ( <i>Quadrula cylindrical strigillata</i> ); Fluted kidneyshell ( <i>Ptychobranchnus subtentum</i> ); Slabside pearlymussel ( <i>Lexingtonia dolabelloides</i> ); Sheepnose ( <i>Plethobascus cyphus</i> ); Cumberland monkeyface pearlymussel ( <i>Quadrula intermedia</i> ); Appalachian monkeyface pearlymussel ( <i>Quadrula sparsa</i> ); Rayed bean ( <i>Villosa fabalis</i> ); Purple bean ( <i>Villosa perpurpurea</i> ); Cumberland bean ( <i>Villosa trabalis</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
City of Salem	No	Yes	Roanoke logperch ( <i>Percina rex</i> )
Scott	No	Yes	Slender chub ( <i>Erimystax cahni</i> ); Spotfin chub ( <i>Erimonax monachus</i> ); Duskytail darter ( <i>Etheostoma percunurum</i> ); Yellowfin madtom ( <i>Noturus flavipennis</i> ); Spectaclecase ( <i>Cumberlandia monodonta</i> ); Tan riffleshell ( <i>Epioblasma florentina walkeri</i> ); Fanshell ( <i>Cyprogenia stegaria</i> ); Oyster mussel ( <i>Epioblasma capsaeformis</i> ); Shiny pigtoe ( <i>Fusconaia cor</i> ); Fine rayed pig toe ( <i>Fusconaia cunelous</i> ); Cracking pearlymussel ( <i>Hemistena lata</i> ); Birdwing pearlymussel ( <i>Lemiox rimosus</i> ); Little-wing pearlymussel ( <i>Pegias fibula</i> ); Rough rabbitsfoot ( <i>Quadrula cylindrical strigillata</i> ); Fluted kidneyshell ( <i>Ptychobranchnus subtentum</i> ); Slabside pearlymussel ( <i>Lexingtonia dolabelloides</i> ); Sheepnose ( <i>Plethobascus cyphus</i> ); Cumberland monkeyface pearlymussel ( <i>Quadrula intermedia</i> ); Appalachian monkeyface pearlymussel ( <i>Quadrula sparsa</i> ); Rayed bean ( <i>Villosa fabalis</i> ); Purple bean ( <i>Villosa perpurpurea</i> ); Cumberland bean ( <i>Villosa trabalis</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
Shenandoah	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )

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Smyth	No	Yes	Slender chub ( <i>Erimystax cahni</i> ); Spotfin chub ( <i>Erimonax monachus</i> ); Yellowfin madtom ( <i>Notutus flavipennis</i> ); Tan riffleshell ( <i>Epioblasma florentina walkeri</i> ); Shiny pigtoe ( <i>Fusconaia cor</i> ); Slabside pearlymussel ( <i>Lexingtonia dolabelloides</i> ); Little-wing pearlymussel ( <i>Pegias fibula</i> ); Fluted kidneyshell ( <i>Ptychobranchnus subtentum</i> ); Virginia round-leaf birch ( <i>Betula uber</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
Southampton	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); red cockaded woodpecker ( <i>Picoides borealis</i> ); Roanoke logperch ( <i>Percina rex</i> )
Spotsylvania	No	Yes	Dwarf wedgemussel ( <i>Alismidonta heterodon</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Stafford	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Shortnose sturgeon ( <i>Acipenser brevirostrum</i> ); Dwarf wedgemussel ( <i>Alismidonta heterodon</i> ); Harperella ( <i>Ptilimnium nodosum</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
City of Staunton	Yes	No	N/A
City of Suffolk	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> );
Sussex	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Red cockaded woodpecker ( <i>Picoides borealis</i> ); Dwarf wedgemussel ( <i>Alismidonta heterodon</i> ); Roanoke logperch ( <i>Percina rex</i> )
Tazewell	No	Yes	Spectaclecase ( <i>Cumberlandia monodonta</i> ); Tan riffleshell ( <i>Epioblasma florentina walkeri</i> ); Oyster mussel ( <i>Epioblasma capsaeformis</i> ); Shiny pigtoe ( <i>Fusconaia cor</i> ); Fine rayed pig toe ( <i>Fusconaia cunelous</i> ); Little-wing pearlymussel ( <i>Pegias fibula</i> ); Rough rabbitsfoot ( <i>Quadrula cylindrical strigillata</i> ); Fluted kidneyshell ( <i>Ptychobranchnus subtentum</i> ); Slabside pearlymussel ( <i>Lexingtonia dolabelloides</i> ); Purple bean ( <i>Villosa perpurpurea</i> ); Cumberland bean ( <i>Villosa trabalis</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
City of Virginia Beach	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Loggerhead sea turtle ( <i>Caretta caretta</i> ); Green sea turtle ( <i>Chelonia mydas</i> )
City of Waynesboro	Yes	No	N/A
Warren	No	Yes	Madison cave isopod ( <i>Antrolana lira</i> );



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County	Pre-approval	Notification	Species
Washington	No	Yes	Shiny pigtoe ( <i>Fusconaia cor</i> ); Fine rayed pig toe ( <i>Fusconaia cunelous</i> ); Birdwing pearlymussel ( <i>Lemiox rimosus</i> ); Fluted kidneyshell ( <i>Ptychobranchnus subtentum</i> ); Rayed bean ( <i>Villosa fabalis</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
Westmoreland	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ) Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
City of Williamsburg	No	Yes	Small whorled pogonia ( <i>Isotria medeoloides</i> )
City of Winchester	Yes	No	N/A
Wise	No	Yes	Spotfin chub ( <i>Erimonax monachus</i> ); Tan riffleshell ( <i>Epioblasma florentina walkeri</i> ); Shiny pigtoe ( <i>Fusconaia cor</i> ); Fine rayed pig toe ( <i>Fusconaia cunelous</i> ); Slabside pearlymussel ( <i>Lexingtonia dolabelloides</i> ); Birdwing pearlymussel ( <i>Lemiox rimosus</i> ); Little-wing pearlymussel ( <i>Pegias fibula</i> ); Fluted kidneyshell ( <i>Ptychobranchnus subtentum</i> ); Rayed bean ( <i>Villosa fabalis</i> ); Purple bean ( <i>Villosa perpurpurea</i> ); Cumberland monkeyface pearlymussel ( <i>Quadrula intermedia</i> ); Rough rabbitsfoot ( <i>Quadrula cylindrical strigillata</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
Wythe	Yes	No	N/A
York	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )



CI Agent Sect 7



Peter\_C\_McGowan@fws.gov

04/14/2006 09:37 AM

To: Carney.Dennis@epamail.epa.gov  
cc: david.t.ormes@uscg.mil, Boyd.Kevin@epamail.epa.gov, Michael  
Chezik/PEP/OS/DOI@DOI, Tom\_Chapman@fws.gov,  
Karen\_Mayne@fws.gov, John\_Wofflin@fws.gov,  
Sherry\_Krest@fws.gov, Dave\_Densmore@fws.gov,  
Cindy\_Tibbott@fws.gov, Susan\_Lingenfelter@fws.gov,  
mary\_ratnaswamy@fws.gov  
Subject: pre-approval for the use of CI Agent in RRT III

Dennis, attached are the tables for each of the RRT III states and their respective counties regarding pre-approval for the use of the solidifier CI Agent. You should have received the response letter to your request by now, the tables were inadvertently left out sorry for that. Anyhow, the tables for each state list the counties where we felt pre-approval for CI Agent could be authorized and what counties required notification due to the presence of T/E species that could be potentially affected by its use. Although there are many other T/E species present in RRT III, the species listed in the tables are those that could be potentially affected by the use of CI Agent (physical impacts and not toxicological). If you have any questions let me know.

(See attached file: Table westvirginia CIA.doc) (See attached file: Table de,dc,MD CIA.doc) (See attached file: Table pennsylvania CIA.doc) (See attached file: Table Virginia CIA.doc)

Pete

Peter McGowan  
Environmental Contaminants Biologist  
U.S Fish and Wildlife Service  
Chesapeake Bay Field Office  
177 Admiral Cochrane Drive  
Annapolis, MD 21401

410-573-4523



410-269-0832 fax Table westvirginia CIA.doc Table de,dc,MD CIA.doc Table pennsylvania CIA.doc Table Virginia CIA.doc

Table 6. List of West Virginia Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected by its use, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in West Virginia please call the Service's West Virginia Field Office reached at 304-636-6586.

County	Pre-approval	Notification	Species
Barbour	Yes	No	N/A
Berkeley	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Harperella ( <i>Ptilimnium nodosum</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> );
Boone	Yes	No	N/A
Braxton	Yes	No	N/A
Brooke	Yes	No	N/A
Cabell	Yes	No	N/A
Calhoun	Yes	No	N/A
Clay	Yes	No	N/A
Doddridge	Yes	No	N/A
Fayette	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Gilmer	Yes	No	N/A
Grant	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Greenbrier		Yes	Small whorled pogonia ( <i>Isotria medeoloides</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
Hampshire	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Hancock	Yes	No	N/A
Hardy	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> );
Harrison	Yes	No	N/A
Jackson	Yes	No	N/A
Jefferson	Yes	No	N/A
Kanawha	Yes	No	N/A
Lewis	Yes	No	N/A
Lincoln	Yes	No	N/A
Logan	Yes	No	N/A
Marion	Yes	No	N/A
Marshall	Yes	No	N/A
Mason	Yes	No	N/A
McDowell	Yes	No	N/A
Mercer	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Mineral	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Mingo	Yes	No	N/A
Monongalia	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Monroe	Yes	No	N/A
Morgan	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Harperella ( <i>Ptilimnium nodosum</i> )
Nicholas	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Ohio	Yes	No	N/A
Pendleton	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Pleasants	Yes	No	N/A
Pocohontas	Yes	No	N/A
Preston	Yes	No	N/A



Table 6. List of West Virginia Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected by its use, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in West Virginia please call the Service's West Virginia Field Office reached at 304-636-6586.

<b>County</b>	<b>Pre-approval</b>	<b>Notification</b>	<b>Species</b>
Putnam	Yes	No	N/A
Raleigh	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Randolph	Yes	No	N/A
Ritchie	Yes	No	N/A
Roane	Yes	No	N/A
Summers	Yes	No	N/A
Taylor	Yes	No	N/A
Tucker	Yes	No	N/A
Tyler	Yes	No	N/A
Upshur	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Wayne	Yes	No	N/A
Webster	Yes	No	N/A
Wetzel	Yes	No	N/A
Wirt	Yes	No	N/A
Wood	Yes	No	N/A
Wyoming	Yes	No	N/A



Table 6. List of West Virginia Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected by its use, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in West Virginia please call the Service's West Virginia Field Office reached at 304-636-6586.

<b>County</b>	<b>Pre-approval</b>	<b>Notification</b>	<b>Species</b>
Putnam	Yes	No	N/A
Raleigh	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Randolph	Yes	No	N/A
Ritchie	Yes	No	N/A
Roane	Yes	No	N/A
Summers	Yes	No	N/A
Taylor	Yes	No	N/A
Tucker	Yes	No	N/A
Tyler	Yes	No	N/A
Upshur	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Wayne	Yes	No	N/A
Webster	Yes	No	N/A
Wetzel	Yes	No	N/A
Wirt	Yes	No	N/A
Wood	Yes	No	N/A
Wyoming	Yes	No	N/A

Table 1. List of Delaware Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Delaware please call the Service's Chesapeake Bay Field Office reached at 410-573-4500.

County	Pre-approval	Notification	Species
Kent	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Newcastle	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Sussex	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Piping plover ( <i>Charadrius melodus</i> ); Swamp pink ( <i>Helonius bullata</i> )

Table 2. District of Columbia: Notification is required, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected by its use, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in the District of Columbia please call the Service's Chesapeake Bay Field Office reached at 410-573-4500.

County	Pre-approval	Notification	Species
N/A	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Hay's spring amphipod ( <i>Stygobromus hayi</i> )

Table 3. List of Maryland Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Maryland please call the Service's Chesapeake Bay Field Office reached at 410-573-4500.

County	Pre-approval	Notification	Species
Allegany	No	Yes	Harperella ( <i>Ptilimnium nodosum</i> )
Anne Arundel	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Swamp Pink ( <i>Helonius bullata</i> )
Baltimore	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Calvert	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> ); Puritan beach tiger beetle ( <i>Cicindela puritana</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Caroline	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Carroll	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Cecil	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> );

			Bog turtle ( <i>Clemmys muhlenbergii</i> ); Puritan beach tiger beetle ( <i>Cicindela puritana</i> ); Swamp Pink ( <i>Helonius bullata</i> )
Charles	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )

Table 3. List of Maryland Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Maryland please call the Service's Chesapeake Bay Field Office reached at 410-573-4500.

County	Pre-approval	Notification	Species
Dorchester	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Swamp Pink ( <i>Helonius bullata</i> )
Frederick	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Garrett	Yes	No	N/A
Harford	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Howard	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Kent	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Puritan beach tiger beetle ( <i>Cicindela puritana</i> )
Montgomery	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Prince Georges	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Queen Annes	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Somerset	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
St. Marys	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Talbot	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Washington	No	Yes	Harparella ( <i>Ptilimnium nodosum</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Wicomico	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Worcester	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Piping plover ( <i>Charadrius melodus</i> );



Table 1. List of Delaware Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Delaware please call the Service's Chesapeake Bay Field Office reached at 410-573-4500.

County	Pre-approval	Notification	Species
Kent	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Newcastle	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Sussex	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Piping plover ( <i>Charadrius melodus</i> ); Swamp pink ( <i>Helonius bullata</i> )

Table 2. District of Columbia: Notification is required, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected by its use, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in the District of Columbia please call the Service's Chesapeake Bay Field Office reached at 410-573-4500.

County	Pre-approval	Notification	Species
N/A	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Hay's spring amphipod ( <i>Stygobromus hayi</i> )

Table 3. List of Maryland Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Maryland please call the Service's Chesapeake Bay Field Office reached at 410-573-4500.

County	Pre-approval	Notification	Species
Allegany	No	Yes	Harperella ( <i>Ptilimnium nodosum</i> )
Anne Arundel	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Swamp Pink ( <i>Helonius bullata</i> )
Baltimore	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Calvert	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> ); Puritan beach tiger beetle ( <i>Cicindela puritana</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Caroline	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Carroll	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Cecil	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> );

			Bog turtle ( <i>Clemmys muhlenbergii</i> ); Puritan beach tiger beetle ( <i>Cicindela puritana</i> ); Swamp Pink ( <i>Helonius bullata</i> )
Charles	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )

Table 3. List of Maryland Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Maryland please call the Service's Chesapeake Bay Field Office reached at 410-573-4500.

County	Pre-approval	Notification	Species
Dorchester	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Swamp Pink ( <i>Helonius bullata</i> )
Frederick	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Garrett	Yes	No	N/A
Harford	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Howard	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Kent	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Puritan beach tiger beetle ( <i>Cicindela puritana</i> )
Montgomery	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Prince Georges	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Queen Annes	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Somerset	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
St. Marys	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Talbot	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Washington	No	Yes	Harparella ( <i>Ptilimnium nodosum</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Wicomico	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Worcester	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Piping plover ( <i>Charadrius melodus</i> );



Table 4. List of Pennsylvania Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected by its use, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Pennsylvania please call the Service's Virginia Field Office reached at 814-234-4090.

County	Pre-approval	Notification	Species
Adams	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Allegheny	Yes	No	N/A
Armstrong	Yes	No	N/A
Beaver	Yes	No	N/A
Bedford	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Berks	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )
Blair	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Bradford	Yes	No	N/A
Bucks	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )
Butler	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Cambria	Yes	No	N/A
Cameron	Yes	No	N/A
Carbon	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Centre	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> );
Chester	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )
Clarion	Yes	No	N/A
Clearfield	Yes	No	N/A
Clinton	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> );
Columbia	Yes	No	N/A
Crawford	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Cumberland	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Delaware	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )
Dauphin	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Elk	Yes	No	N/A
Erie	Yes	No	N/A
Fayette	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Forest	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> );
Franklin	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Fulton	Yes	No	N/A
Greene	Yes	No	N/A
Huntingdon	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Indiana	Yes	No	N/A
Jefferson	Yes	No	N/A
Juniata	Yes	No	N/A
Lackawanna	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Lancaster	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Lawrence	Yes	No	N/A

Table 4. List of Pennsylvania Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected by its use, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Pennsylvania please call the Service's Virginia Field Office reached at 814-234-4090.

<b>County</b>	<b>Pre-approval</b>	<b>Notification</b>	<b>Species</b>
Lebanon	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )
Lehigh	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Luzern	Yes	No	N/A
Lycoming	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
McKean	Yes	No	N/A
Mercer	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )
Mifflin	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Monroe	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )
Montgomery	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )
Montour	Yes	No	N/A
Northampton	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )
Northumberland	Yes	No	N/A
Perry	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Philadelphia	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )
Pike	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Potter	Yes	No	N/A
Schuylkill	Yes	No	N/A
Snyder	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Somerset	Yes	No	N/A
Sullivan	Yes	No	N/A
Susquehanna	Yes	No	N/A
Tioga	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Union	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Venango	Yes	No	N/A
Warren	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Washington	Yes	No	N/A
Wayen	Yes	No	N/A
Westmoreland	Yes	No	N/A
Wyoming	Yes	No	N/A
York	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Bog turtle ( <i>Clemmys muhlenbergii</i> )



Table 5. List of Virginia Counties that either have pre-approval to use the solidifier CIAgent or require notification, due to the presence of Federally listed Threatened or Endangered Species that may be potentially affected by its use, to the U.S Fish and Wildlife Service (Service) before use in RRT III. For notification in Virginia please call the Service's Virginia Field Office reached at 804-693-6694.

County	Pre-approval	Notification	Species
Accomack	No	Yes	Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> );
Albemarle	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Alleghany	No	Yes	Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Amelia	Yes	No	N/A
Amherst	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Appomattox	No	Yes	Small whorled pogonia ( <i>Isotria medeoloides</i> )
Augusta	No	Yes	Madison cave isopod ( <i>Antrolana lira</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); Swamp pink ( <i>Helonius bullata</i> ); Eastern prairie fringed orchid ( <i>Platanthera leucophaea</i> ); Virginia sneezeweed ( <i>Helenium virginicum</i> )
Bath	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> )
Bedford	Yes	No	N/A
Blande	Yes	No	N/A
Botetourt	Yes	No	N/A
Brunswick	Yes	No	N/A
Buchanan	Yes	No	N/A
Buckingham	No	Yes	Small whorled pogonia ( <i>Isotria medeoloides</i> )
Campbell	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Caroline	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> ); Swamp pink ( <i>Helonius bullata</i> )
Carroll	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
Charles City	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Charlotte	Yes	No	N/A
City of Chesapeake	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Chesterfield	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Clarke	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Craig	Yes	No	N/A
Culpepper	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> );
Cumberland	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> );
Dickenson	No	Yes	Virginia spiraea ( <i>Spiraea virginiana</i> )
Dinwiddie	Yes	No	N/A
Essex	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Fairfax	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Fauquier	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Floyd	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )

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County	Pre-approval	Notification	Species
Fluvanna	Yes	No	N/A
Franklin	Yes	No	N/A
Frederick	Yes	No	N/A
Giles	Yes	No	N/A
Gloucester	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Goochland	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Grayson	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
Greene	Yes	No	N/A
Greensville	Yes	No	N/A
Halifax	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Hanover	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
City of Hampton	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ) Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); Piping plover ( <i>Charadrius melodus</i> );
City of Hopewell	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Hanover	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Henrico	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ) Swamp pink ( <i>Helonius bullata</i> )
Henry	Yes	No	N/A
Highland	Yes	No	N/A
Isle of Wight	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
James City	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
King and Queen	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
King George	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
King William	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Lancaster	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> );
Lee	No	Yes	Holsinger's cave beetle ( <i>Pseudanopthalmus holsingeri</i> ); Lee's County isopod ( <i>Lirceus usdagalun</i> )
Loudon	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Louisa	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Lunenburg	Yes	No	N/A
Madison	Yes	No	N/A



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<b>County</b>	<b>Pre-approval</b>	<b>Notification</b>	<b>Species</b>
Mathews	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ) Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> )
Mecklenburg	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Middlesex	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> )
Montgomery	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Nelson	No	Yes	Swamp pink ( <i>Helonius bullata</i> )
New Kent	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
City Newport News	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
City of Norfolk	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Northampton	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Piping plover ( <i>Charadrius melodus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> )
Northumberland	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Northeastern beach tiger beetle ( <i>Cicindela dorsalis dorsalis</i> )
Nottoway	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Orange	Yes	No	N/A
Page	Yes	No	N/A
Patrick	No	Yes	Bog turtle ( <i>Clemmys muhlenbergii</i> )
Pittsylvania	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
City of Portsmouth	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Piping plover ( <i>Charadrius melodus</i> )
Powhatan	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Prince Edward	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Prince George	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Prince William	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Pulaski	Yes	No	N/A
Rappahannock	Yes	No	N/A
Richmond	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
City of Richmond	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Roanoke	Yes	No	N/A

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<b>County</b>	<b>Pre-approval</b>	<b>Notification</b>	<b>Species</b>
Rockbridge	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Rockingham	No	Yes	Madison cave isopod ( <i>Antrolana lira</i> ); Northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ); Virginia sneezeweed ( <i>Helenium virginicum</i> )
Russell	Yes	No	N/A
Scott	Yes	No	N/A
Shenandoah	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Smyth	No	Yes	Virginia round-leaf birch ( <i>Betula uber</i> )
Southampton	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Spotsylvania	Yes	No	N/A
Stafford	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
City of Suffolk	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> ); Small whorled pogonia ( <i>Isotria medeoloides</i> )
Surry	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Sussex	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Tazewell	Yes	No	N/A
City of Virginia Beach	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )
Warren	No	Yes	Madison cave isopod ( <i>Antrolana lira</i> );
Washington	Yes	No	N/A
Westmoreland	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> ); Sensitive joint vetch ( <i>Aeschynomene virginica</i> )
Wise	No	Yes	Small whorled pogonia ( <i>Isotria medeoloides</i> ); Virginia spiraea ( <i>Spiraea virginiana</i> )
Wythe	Yes	No	N/A
York	No	Yes	Bald eagle ( <i>Haliaeetus leucocephalus</i> )