NEWS RELEASE

For Release: January 7, 2019
Immediate

Contact:
Cindy S. Barger, 202-761-0038
cindy.s.barger.civ@mail.mil

EPA and Army Postpone Public Hearing on Proposed New "Waters of the United States" Definition

WASHINGTON (January 7, 2019) — Due to the lapse in appropriations for the U.S. Environmental Protection Agency (EPA), EPA and the Department of the Army (Army) announced today they will postpone the planned January 23 public hearing on the proposed new "Waters of the United States" definition until after appropriations have passed to fund the EPA. Publication of the proposed rule in the Federal Register is also postponed.

A notification of public hearing was issued in the Federal Register on December 28, 2018 to hold a hearing in Kansas City, Kansas. EPA and Army will notify the public of the revised date for the public hearing, the start of the public comment period, public webcast and other outreach activities after appropriations have passed. Information on the status of the public hearing will be posted on the EPA website at https://www.epa.gov/wotus-rule/revised-definition-waters-united-states-proposed-rule.

Background: On December 11, 2018, EPA and Army signed a proposed rule that would provide a clear, understandable, and implementable definition of "waters of the United States" that clarifies federal authority under the Clean Water Act while respecting the role of states and tribes in managing their own land and water resources. The agencies have submitted the proposed rule to the Office of the Federal Register for publication. A pre-publication version publication version of the *Federal Register* notice is available at: https://www.epa.gov/wotus-rule/step-two-revise.

EPA and Army will take comments on the proposal for 60 days after publication of the proposed rule in the Federal Register. Comments can be submitted online at https://www.regulations.gov or provided orally at the public hearing once rescheduled. Please follow the instructions for submitting comments to Docket ID No. EPA-HQ-OW-2018-0149. In addition, oral comments and supporting information presented at the public hearing will be considered with the same weight as written statements and supporting information submitted during the public comment period.

-30-

FACT SHEET

Proposed Revised Definition of "Waters of the United States"

BACKGROUND

- On December 11, 2018, the U.S. Environmental Protection Agency (EPA) and the Department of the Army (Army) proposed a revised definition for "waters of the United States," which would establish the scope of federal regulatory authority under the Clean Water Act in a more clear and understandable way.
- The agencies' proposal would be clearer and easier to understand than previous regulations. It would help landowners understand whether a project on his or her property would require a federal permit or not—saving Americans time and money.
- Right now, because of litigation, the 2015 Clean Water Rule (2015 Rule) is in effect in 22 states, the District of Columbia, and the U.S. territories, and previous regulations, issued in the 1980s, are in effect in the remaining 28 states.
- If finalized, the agencies' proposed rule would apply nationwide, replacing the patchwork framework for Clean Water Act jurisdiction that has resulted from litigation challenging the 2015 Rule. The proposal would also re-balance the relationship between the federal government, states, and tribes in managing land and water resources.
- The proposal respects the limited powers that the executive branch has been given under the Constitution and the Clean Water Act to regulate navigable waters. The proposal limits where federal regulations apply and gives states and tribes more flexibility to determine how best to manage waters within their borders. Together, the agencies' proposal and existing state and tribal regulations and programs would provide a network of coverage for the nation's water resources in accordance with the objectives and policies of the Clean Water Act.
- The EPA and the Army reviewed and considered the extensive feedback and recommendations the agencies received from states, tribes, local governments, and stakeholders throughout consultations and pre-proposal meetings and webinars. This input helped highlight the issues that are most important to state and tribal co-regulators and stakeholders, including those directly affected by the scope of Clean Water Act jurisdiction.

THE PROPOSED DEFINITION

- This proposed rule would provide clarity, predictability, and consistency so that regulators and the public can understand where the Clean Water Act applies—and where it does not. Such straightforward regulations would continue to protect the nation's navigable waters, help sustain economic growth, and reduce barriers to business development.
- The agencies' proposal is consistent with the statutory authority granted by Congress, the legal precedent set by key Supreme Court cases, and the February 2017 Executive Order entitled "Restoring the Rule of Law, Federalism, and Economic Growth by Reviewing the 'Waters of the United States' Rule."
- The role of federal government under the Clean Water Act is ultimately derived from Congress' commerce power over navigation. As a result, this proposal clearly limits "waters of the United

States" under the Clean Water Act to those that are physically and meaningfully connected to traditional navigable waters.

- The proposed rule outlines six clear categories of waters that would be considered "waters of the United States:"

    - Traditional navigable waters (TNWs)
        - Under the proposal, traditional navigable waters would be large rivers and lakes, tidal waters, and the territorial seas—such as the Atlantic Ocean, the Mississippi River, the Great Lakes, and tidally influenced waterbodies, including wetlands, along coastlines—used in interstate or foreign commerce.
    - Tributaries
        - In the agencies' proposal, tributaries would be rivers and streams that flow to traditional navigable waters—such as Rock Creek, which feeds to the Potomac River in Washington, D.C.
        - Under the proposal, these naturally occurring surface water channels must flow more often than just when it rains—that is, tributaries as proposed must be perennial or intermittent. Ephemeral features would not be tributaries under the proposal.
        - Tributaries can connect to traditional navigable waters directly, through other "waters of the United States," or through other non-jurisdictional surface waters so long as those waters convey perennial or intermittent flow downstream.
    - Certain ditches
        - A ditch under the proposed rule would be an "artificial channel used to convey water."
        - Under the proposal, ditches would be jurisdictional where they are traditional navigable waters, such as the Erie Canal, or subject to the ebb and flow of the tide.
        - Ditches may also be jurisdictional where they satisfy conditions of the tributary definition as proposed and either 1) were constructed in a tributary or 2) were built in adjacent wetlands.
    - Certain lakes and ponds
        - Lakes and ponds would be jurisdictional where they are traditional navigable waters, such as the Great Salt Lake in Utah or Lake Champlain along the Vermont-New York border.
        - Lakes and ponds would be jurisdictional where they contribute perennial or intermittent flow to a traditional navigable water either directly, through other "waters of the United States," or through other non-jurisdictional surface waters so long as those waters convey perennial or intermittent flow downstream, such as Lake Pepin in Minnesota or Lake Travis in Texas.
        - Lakes and ponds would be jurisdictional where they are flooded by a "water of the United States" in a typical year, such as many oxbow lakes.
    - Impoundments
        - Under the proposal, impoundments of "waters of the United States" would be jurisdictional.
    - Adjacent wetlands
        - Under the proposal, wetlands that physically touch other jurisdictional waters would be "adjacent wetlands," such as Horicon Marsh in Wisconsin.

        - Wetlands with a surface water connection in a typical year that results from 1) inundation from a "water of the United States" to the wetland or 2) perennial or intermittent flow between the wetland and a "water of the United States" would be "adjacent."
        - Wetlands that are near a jurisdictional water but don't physically touch that water because they are separated, for example by a berm, levee, or upland, would be adjacent only where they have a surface water connection described in the previous bullet through or over the barrier, including wetlands flooded by jurisdictional waters in a typical year.

- The proposal also clearly outlines what would not be "waters of the United States," including:

    - Waters that would not be included in the proposed categories of "waters of the United States" listed above—this would provide clarity that if a water or feature is not identified as jurisdictional in the proposal, it would not be a jurisdictional water under the Clean Water Act.
    - Ephemeral features that contain water only during or in response to rainfall.
    - Groundwater.
    - Ditches that do not meet the proposed conditions necessary to be considered jurisdictional, including most farm and roadside ditches.
    - Prior converted cropland.
        - This longstanding exclusion for certain agricultural areas would be continued under the proposal, and the agencies are clarifying that this exclusion would cease to apply when cropland is abandoned (*i.e.,* not used for, or in support of, agricultural purposes in the preceding five years) and has reverted to wetlands.
    - Stormwater control features excavated or constructed in upland to convey, treat, infiltrate, or store stormwater run-off.
    - Wastewater recycling structures such as detention, retention and infiltration basins and ponds, and groundwater recharge basins would be excluded where they are constructed in upland.
    - Waste treatment systems.
        - Waste treatment systems have been excluded from the definition of "waters of the United States" since 1979 and would continue to be excluded under this proposal; however, waste treatment systems are being defined for the first time in this proposed rule.
        - A waste treatment system would include all components, including lagoons and treatment ponds (such as settling or cooling ponds), designed to convey or retain, concentrate, settle, reduce, or remove pollutants, either actively or passively, from wastewater or stormwater prior to discharge (or eliminating any such discharge).

FEDERAL-STATE RELATIONSHIP

- In accordance with section 101(b) of the Clean Water Act, EPA and Army's proposed rule would recognize and respect the primary responsibilities and rights of states and tribes to regulate and manage their land and water resources.
- Under this proposal, there is a clear distinction between federal waters and waters subject to the sole control of the states and tribes.

- The Clean Water Act envisions an approach whereby states, tribes, and the federal government work in partnership to protect the nation's waters from pollution.
- The agencies' proposal is in line with that intent, and appropriately identifies waters that should be subject to federal regulation under the Clean Water Act.
- States and many tribes have existing regulations and programs that apply to waters within their borders, whether or not they are considered "waters of the United States."
- Together, the agencies' proposed definition and existing state and tribal regulations and programs would provide a network of coverage for the nation's water resources in accordance with the objective and policies of the Clean Water Act.

EFFECTS OF THE PROPOSAL

- EPA and the Army developed an illustrative economic analysis for the proposed rule that looks at the potential costs, benefits, and economic impacts of the proposed changes to the definition of "waters of the United States" relative to existing regulations.
- EPA and the Army have identified, where possible, how the proposal would affect categories of water resources across the country and potential effects on Clean Water Act programs. The agencies have also highlighted data limitations that prevent quantitative national estimates for most Clean Water Act programs.
- As a result of these data limitations, the agencies conducted a two-stage analysis of the proposed rule using available data to assess the change from the 2015 Rule to the pre-2015 practice, and then the change from pre-2015 practice to the proposed rule. Additional information is included in the economic analysis fact sheet.

PUBLIC COMMENT SOUGHT

- In addition to seeking comments on the specifics of the proposed "waters of the United States" definition itself, the agencies are requesting comment on the discussion and definition of terms within it, such as whether tributaries should be limited to rivers and streams that flow year-round and whether lakes and ponds should be defined more precisely.
- In response to requests from some states, the agencies will be exploring how to develop a data or mapping system to provide a clearer understanding of the presence or absence of jurisdictional waters that landowners and members of the regulated community could rely on in the future.
- The agencies are also taking comment on the underlying legal interpretations that provide the foundation for the proposed rule.
- Finally, the agencies are requesting comment on how the proposed rule can best be implemented so as to maintain clarity when it is used in the field; examples of such implementation questions include whether to establish specific flooding frequency or magnitude to determine when certain wetland features may be jurisdictional.

HOW TO COMMENT

- The agencies will take comment on the proposal for 60 days after publication in the Federal Register. The agencies will also hold an informational webcast on January 10, 2019, and will host a public listening session on the proposed rule in Kansas City, KS, on January 23, 2019. Additional information on both engagements is available at https://www.epa.gov/wotus-rule.

- Comments on the proposal should be identified by Docket ID No. EPA-HQ-OW-2018-014 and may be submitted online. Go to https://www.regulations.gov and follow the online instructions for submitting comments to Docket ID No. EPA-HQ-OW-2018-0149.
- For additional information, including the full EPA public comment policy, please visit https://www.epa.gov/dockets/commenting-epa-dockets.

FOR MORE INFORMATION

- Additional fact sheets along with copies of the proposed rule and supporting analyses are available on EPA's website at https://www.epa.gov/wotus-rule.

6560-50-P

DEPARTMENT OF DEFENSE

Department of the Army, Corps of Engineers

33 CFR Part 328

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Parts 110, 112, 116, 117, 122, 230, 232, 300, 302 and 401

EPA-HQ-OW-2018-0149; FRL-XXXX-X-OW

RIN 2040–AF75

Revised Definition of "Waters of the United States"

AGENCIES: Department of the Army, Corps of Engineers, Department of Defense; and Environmental Protection Agency (EPA).

ACTION: Proposed rule.

SUMMARY: The Environmental Protection Agency and the Department of the Army ("the agencies") are publishing for public comment a proposed rule defining the scope of waters federally regulated under the Clean Water Act (CWA). This proposal is the second step in a comprehensive, two-step process intended to review and revise the definition of "waters of the United States" consistent with the Executive Order signed on February 28, 2017, "Restoring the Rule of Law, Federalism, and Economic Growth by Reviewing the 'Waters of the United States'

Rule." This proposed rule is intended to increase CWA program predictability and consistency by increasing clarity as to the scope of "waters of the United States" federally regulated under the Act. Today's proposed definition is also intended to clearly implement the overall objective of the CWA to restore and maintain the quality of the nation's waters while respecting State and tribal authority over their own land and water resources.

DATES: Comments must be received on or before *[insert **60** days after publication in the* Federal Register*]*.

ADDRESSES: You may submit comments, identified by Docket ID No. **EPA-HQ-OW-2018-0149**, by any of the following methods:

- Federal eRulemaking Portal: http://www.regulations.gov/ (our preferred method). Follow the online instructions for submitting comments.
- E-mail: OW-Docket@epa.gov. Include Docket ID No. EPA-HQ-OW-2018-0149 in the subject line of the message.
- Mail: U.S. Environmental Protection Agency, EPA Docket Center, Office of Water Docket, Mail Code 28221T, 1200 Pennsylvania Avenue NW, Washington, DC 20460.
- Hand Delivery / Courier: EPA Docket Center, WJC West Building, Room 3334, 1301 Constitution Avenue, NW, Washington, DC 20004. The Docket Center's hours of operations are 8:30 a.m. – 4:30 p.m., Monday – Friday (except Federal Holidays).

Instructions: All submissions received must include the Docket ID No. for this rulemaking. Comments received may be posted without change to https://www.regulations.gov/, including any personal information provided. For detailed instructions on sending comments and additional

information on the rulemaking process, see the "How should I submit comments?" heading of the GENERAL INFORMATION section of this document.

FOR FURTHER INFORMATION CONTACT: Michael McDavit, Oceans, Wetlands, and Communities Division, Office of Water (4504-T), Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460; telephone number: (202) 566-2428; email address: *CWAwotus@epa.gov*; or Jennifer A. Moyer, Regulatory Community of Practice (CECW–CO–R), U.S. Army Corps of Engineers, 441 G Street, NW, Washington, DC 20314; telephone number: (202) 761-5903; e-mail address: *USACE_CWA_Rule@usace.army.mil.*

SUPPLEMENTARY INFORMATION:

Table of Contents

I. General Information

A. *How can I get copies of this document and related information?*

1. *Docket.* An official public docket for this action has been established under Docket ID No. EPA–HQ–OW–2018–0149. The official public docket consists of the documents specifically referenced in this action, and other information related to this action. The official public docket is the collection of materials that is available for public viewing at the OW Docket, EPA West,

Room 3334, 1301 Constitution Ave. NW, Washington, DC 20004. This Docket Facility is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The OW Docket telephone number is 202–566–2426. A reasonable fee will be charged for copies.

2. *Electronic Access.* You may access this **Federal Register** document electronically under the "**Federal Register**" listings at http://www.regulations.gov. An electronic version of the public docket is available through EPA's electronic public docket and comment system, EPA Dockets. You may access EPA Dockets at http://www.regulations.gov to view public comments as they are submitted and posted, access the index listing of the contents of the official public docket, and access those documents in the public docket that are available electronically. For additional information about EPA's public docket, visit the EPA Docket Center homepage at https://www.epa.gov/dockets. Although not all docket materials may be available electronically, you may still access any of the publicly available docket materials through the Docket Facility.

B. *Under what legal authority is this proposed rule issued?*

The authority for this action is the Federal Water Pollution Control Act, 33 U.S.C. 1251 *et seq.*, including sections 301, 304, 311, 401, 402, 404, and 501.

C. *How should I submit comments?*

Throughout this notice, the agencies solicit comment on a number of issues related to the proposed rulemaking. Submit your comments, identified by Docket ID No. EPA-HQ-OW-2018-0149, at https://www.regulations.gov (our preferred method), or the other methods identified in the ADDRESSES section. Once submitted, comments cannot be edited or removed from the docket. The EPA may publish any comment received to its public docket. Do not submit electronically any information you consider to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute. Multimedia submissions (audio,

video, etc.) must be accompanied by a written comment. The written comment is considered the official comment and should include discussion of all points you wish to make. The EPA will generally not consider comments or comment contents located outside of the primary submission (*i.e.,* on the web, cloud, or other file sharing system). For additional submission methods, the full EPA public comment policy, information about CBI or multimedia submissions, and general guidance on making effective comments, please visit https://www.epa.gov/dockets/commenting-epa-dockets.

This rule is the outgrowth of other rulemakings and extensive outreach efforts, including requests for recommendations and comments, and the agencies have taken recommendations and comments received into account in developing this proposal. In developing a final rule, the agencies will be considering comments submitted on this proposal. Persons who wish to provide views or recommendations on this proposal must provide comments to the agencies as part of this comment process. To facilitate the processing of comments, commenters are encouraged to organize their comments in a manner that corresponds to the outline of this proposal.

II. Background

A. Executive Summary

The U.S. Environmental Protection Agency (EPA) and the U.S. Department of the Army (Army) (together, the agencies) are publishing for public comment a proposed rule defining the scope of waters subject to federal regulation under the Clean Water Act (CWA), in light of the U.S. Supreme Court cases in *United States v. Riverside Bayview Homes* (*Riverside Bayview*), *Solid Waste Agency of Northern Cook County v. United States* (*SWANCC*), and *Rapanos v. United States* (*Rapanos*), and consistent with Executive Order 13778, signed on February 28, 2017, entitled "Restoring the Rule of Law, Federalism, and Economic Growth by Reviewing the

'Waters of the United States' Rule."

The agencies propose to interpret the term "waters of the United States" to encompass: traditional navigable waters, including the territorial seas; tributaries that contribute perennial or intermittent flow to such waters; certain ditches; certain lakes and ponds; impoundments of otherwise jurisdictional waters; and wetlands adjacent to other jurisdictional waters.

The agencies propose as a baseline concept that "waters of the United States" are waters within the ordinary meaning of the term, such as oceans, rivers, streams, lakes, ponds, and wetlands, and that not all waters are "waters of the United States." Under this proposed rule, a tributary is defined as a river, stream, or similar naturally occurring surface water channel that contributes perennial or intermittent flow to a traditional navigable water or territorial sea in a typical year either directly or indirectly through other tributaries, jurisdictional ditches, jurisdictional lakes and ponds, jurisdictional impoundments, and adjacent wetlands or through water features identified in paragraph (b) of this proposal so long as those water features convey perennial or intermittent flow downstream. A tributary does not lose its status if it flows through a culvert, dam, or other similar artificial break or through a debris pile, boulder field, or similar natural break so long as the artificial or natural break conveys perennial or intermittent flow to a tributary or other jurisdictional water at the downstream end of the break. Ditches are generally proposed not to be "waters of the United States" unless they meet certain criteria, such as functioning as traditional navigable waters, if they are constructed in a tributary and also satisfy the conditions of the proposed "tributary" definition, or if they are constructed in an adjacent wetland and also satisfy the conditions of the proposed "tributary" definition.

The proposal defines "adjacent wetlands" as wetlands that abut or have a direct hydrological surface connection to other "waters of the United States" in a typical year. "Abut" is proposed to

mean when a wetland touches an otherwise jurisdictional water at either a point or side. A "direct hydrologic surface connection" as proposed occurs as a result of inundation from a jurisdictional water to a wetland or via perennial or intermittent flow between a wetland and jurisdictional water. Wetlands physically separated from other waters of the United States by upland or by dikes, barriers, or similar structures and also lacking a direct hydrologic surface connection to such waters are not adjacent under today's proposal.

The proposal would exclude from the definition of "waters of the United States" waters or water features not mentioned above. The proposed definition specifically clarifies that "waters of the United States" do not include features that flow only in response to precipitation; groundwater, including groundwater drained through subsurface drainage systems; certain ditches; prior converted cropland; artificially irrigated areas that would revert to upland if artificial irrigation ceases; certain artificial lakes and ponds constructed in upland; water-filled depressions created in upland incidental to mining or construction activity; stormwater control features excavated or constructed in upland to convey, treat, infiltrate, or store stormwater run-off; wastewater recycling structures constructed in upland; and waste treatment systems. In addition, the agencies are proposing to clarify and define the terms "prior converted cropland" and "waste treatment system" to improve regulatory predictability and clarity.

In response to the interest expressed by some States in participating in the federal jurisdictional determination process, the agencies are soliciting comment as to how they could establish an approach to authorize States, Tribes, and Federal agencies to establish geospatial datasets of "waters of the United States," as well as waters that the agencies propose to exclude, within their respective borders for approval by the agencies. Under a separate action, the agencies may propose creating a framework under which States, Tribes, and Federal agencies could choose

to develop datasets for approval for all, some, or none of the "waters of the United States" within their boundaries. If the agencies were to pursue such an action, they would do so in coordination with other Federal agencies, State, tribal, and interested stakeholders. This approach would not require State and tribal governments to establish these datasets; it would simply make this process available to those government agencies that would find it useful.

The fundamental basis used by the agencies for the revised definition proposed today is the text and structure of the CWA, as informed by its legislative history and Supreme Court precedent, taking into account agency policy choices and other relevant factors. Today's proposed definition is intended to strike a balance between Federal and State waters and would carry out Congress' overall objective to restore and maintain the integrity of the nation's waters in a manner that preserves the traditional sovereignty of States over their own land and water resources. The agencies believe the proposed definition would also ensure clarity and predictability for Federal agencies, States, Tribes, the regulated community, and the public. Today's proposed rule is intended to ensure that the agencies are operating within the scope of the Federal government's authority over navigable waters under the CWA and the Commerce Clause of the U.S. Constitution.

B. The Clean Water Act and Regulatory Definition of "Waters of the United States"

1. The Clean Water Act

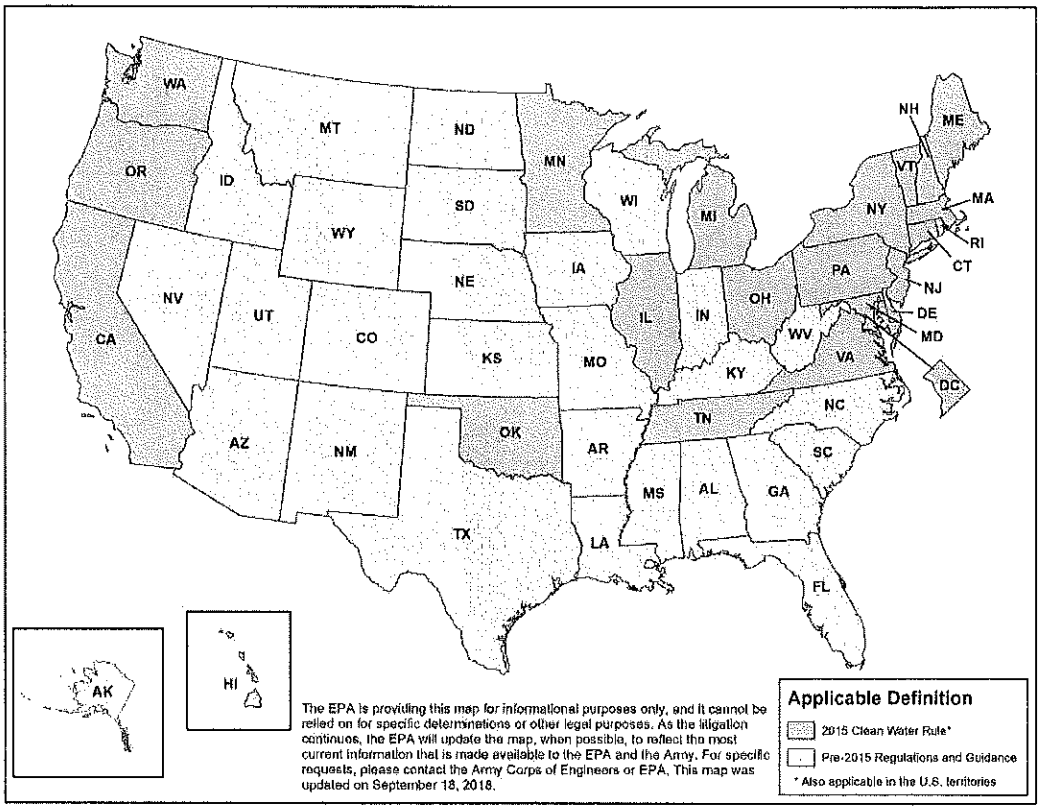
Congress amended the Federal Water Pollution Control Act (FWPCA), or Clean Water Act (CWA) as it is commonly called,[1] in 1972 to address longstanding concerns regarding the quality

[1] The FWCPA is commonly referred to as the CWA following the 1977 amendments to the FWPCA. Pub. L. No. 95-217, 91 Stat. 1566 (1977). For ease of reference, the agencies will generally refer to the FWPCA in this notice as the CWA or the Act.

EPA United States Environmental Protection Agency

Definition of "Waters of the United States": Rule Status and Litigation Update

The EPA and the Army continue to review the U.S. District Court for the District of South Carolina's decision to nationally enjoin the agencies' final rule that added an applicability date to the 2015 Clean Water Rule. Pursuant to the court's order, the 2015 Clean Water Rule is now in effect in 22 states, the District of Columbia, and the U.S. territories. Parties to the case, including the EPA and the Army, have filed motions appealing the order and seeking a stay of the district court's decision. While the litigation continues, the agencies are complying with the district court's order and implementation issues that arise are being handled on a case-by-case basis. The agencies recognize the uncertainty this decision has created and are committed to working closely with states and stakeholders to provide updated information on an ongoing basis regarding which rules are in place in which states. If a state, tribe, or an entity has specific questions about a pending jurisdictional determination or permit, please contact a local U.S. Army Corps of Engineers District office or the EPA.



LAST UPDATED ON OCTOBER 23, 2018

Final Rule: Definition of "Waters of the United States" – Addition of an Applicability Date to 2015 Clean Water Rule

Please visit "Definition of 'Waters of the United States': Rule Status and Litigation Update" for updates regarding the status of this final rule. On January 31, 2018, the Environmental Protection Agency and U.S. Department of the Army (the agencies) finalized a rule adding an applicability date to the 2015 Rule defining "waters of the United States." The 2015 Rule will not be applicable until February 6, 2020.

Given uncertainty about litigation in multiple district courts over the 2015 Rule, this action provides certainty and consistency to the regulated community and the public, and minimizes confusion as the agencies reconsider the definition of the "waters of the United States" that should be covered under the Clean Water Act.

The agencies' new rule is separate from the two-step process the agencies propose to take to reconsider the 2015 Rule.

The proposed rule published in the *Federal Register* on November 22, 2017. The public comment closed on December 13, 2017. Comments can be found in the docket. The final rule was signed on January 31, 2018, and was published in the *Federal Register* on February 6, 2018.

- Read the Final Rule
- Read the Memorandum: Consideration of Potential Economic Impacts for the Final Rule
- Access All Materials in the Docket
- Read the Proposed Rule

LAST UPDATED ON DECEMBER 11, 2018

FEDERAL REGISTER

Vol. 80 Monday,
No. 124 June 29, 2015

Part II

Department of Defense

Department of the Army, Corps of Engineers

33 CFR Part 328

Environmental Protection Agency

40 CFR Parts 110, 112, 116, *et al.*

Clean Water Rule: Definition of "Waters of the United States"; Final Rule

DEPARTMENT OF DEFENSE

Department of the Army, Corps of Engineers

33 CFR Part 328

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Parts 110, 112, 116, 117, 122, 230, 232, 300, 302, and 401

[EPA–HQ–OW–2011–0880; FRL–9927–20–OW]

RIN 2040–AF30

Clean Water Rule: Definition of "Waters of the United States"

AGENCY: U.S. Army Corps of Engineers, Department of the Army, Department of Defense; and Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: The Environmental Protection Agency (EPA) and the U.S. Army Corps of Engineers (Corps) are publishing a final rule defining the scope of waters protected under the Clean Water Act (CWA or the Act), in light of the statute, science, Supreme Court decisions in *U.S.* v. *Riverside Bayview Homes, Solid Waste Agency of Northern Cook County* v. *U.S. Army Corps of Engineers (SWANCC),* and *Rapanos* v. *United States (Rapanos),* and the agencies' experience and technical expertise. This final rule reflects consideration of the extensive public comments received on the proposed rule. The rule will ensure protection for the nation's public health and aquatic resources, and increase CWA program predictability and consistency by clarifying the scope of "waters of the United States" protected under the Act.

DATES: This rule is effective on August 28, 2015. In accordance with 40 CFR part 23, this regulation shall be considered issued for purposes of judicial review at 1 p.m. Eastern time on July 13, 2015.

FOR FURTHER INFORMATION CONTACT: Ms. Donna Downing, Office of Water (4502–T), Environmental Protection Agency, 1200 Pennsylvania Avenue NW., Washington, DC 20460; telephone number 202–566–2428; email address: *CWAwaters@epa.go* v. Ms. Stacey Jensen, Regulatory Community of Practice (CECW–CO–R), U.S. Army Corps of Engineers, 441 G Street NW., Washington, DC 20314; telephone number 202–761–5856; email address: *USACE_CWA_Rule@usace.army.mil.*

SUPPLEMENTARY INFORMATION: This final rule does not establish any regulatory requirements. Instead, it is a definitional rule that clarifies the scope of "waters of the United States" consistent with the Clean Water Act (CWA), Supreme Court precedent, and science. Programs established by the CWA, such as the section 402 National Pollutant Discharge Elimination System (NPDES) permit program, the section 404 permit program for discharge of dredged or fill material, and the section 311 oil spill prevention and response programs, all rely on the definition of "waters of the United States." Entities currently are, and will continue to be, regulated under these programs that protect "waters of the United States" from pollution and destruction.

State, tribal, and local governments have well-defined and longstanding relationships with the Federal government in implementing CWA programs and these relationships are not altered by the final rule. Forty-six states and the U.S. Virgin Islands have been authorized by EPA to administer the NPDES program under section 402, and two states have been authorized by the EPA to administer the section 404 program. All states and forty tribes have developed water quality standards under the CWA for waters within their boundaries. A federal advisory committee has recently been announced to assist states in identifying the scope of waters assumable under the section 404 program.

The scope of jurisdiction in this rule is narrower than that under the existing regulation. Fewer waters will be defined as "waters of the United States" under the rule than under the existing regulations, in part because the rule puts important qualifiers on some existing categories such as tributaries. In addition, the rule provides greater clarity regarding which waters are subject to CWA jurisdiction, reducing the instances in which permitting authorities, including the states and tribes with authorized section 402 and 404 CWA permitting programs, would need to make jurisdictional determinations on a case-specific basis.

Table of Contents

I. General Information

A. How can I get copies of this document and related information?

1. *Docket.* An official public docket for this action has been established under Docket Id. No. EPA–HQ–OW–2011–0880. The official public docket consists of the documents specifically referenced in this action, any public comments received, and other information related to this action. The official public docket also includes a Technical Support Document that provides additional legal and scientific discussion for issues raised in this rule, and the Response to Comments document. Although a part of the official docket, the public docket does not include Confidential Business Information or other information whose disclosure is restricted by statute. The official public docket is the collection of materials that is available for public viewing at the OW Docket, EPA West, Room 3334, 1301 Constitution Ave. NW., Washington, DC 20004. This Docket Facility is open from 8:30 a.m.

to 4:30 p.m., Monday through Friday, excluding legal holidays. The OW Docket telephone number is 202–566–2426. A reasonable fee will be charged for copies.

2. *Electronic Access.* You may access this **Federal Register** document electronically under the "**Federal Register**" listings at *http://www.regulations.gov.* An electronic version of the public docket is available through EPA's electronic public docket and comment system, EPA Dockets. You may access EPA Dockets at *http://www.regulations.gov* to view public comments, access the index listing of the contents of the official public docket, and access those documents in the public docket that are available electronically. For additional information about EPA's public docket, visit the EPA Docket Center homepage at *http://www.epa.gov/epahome/dockets.htm.* Although not all docket materials may be available electronically, you may still access any of the publicly available docket materials through the Docket Facility.

B. Under what legal authority is this rule issued?

The authority for this rule is the Federal Water Pollution Control Act, 33 U.S.C. 1251, *et seq.,* including sections 301, 304, 311, 401, 402, 404 and 501.

II. Executive Summary

In this final rule, the agencies clarify the scope of "waters of the United States" that are protected under the Clean Water Act (CWA), based upon the text of the statute, Supreme Court decisions, the best available peer-reviewed science, public input, and the agencies' technical expertise and experience in implementing the statute. This rule makes the process of identifying waters [1] protected under the CWA easier to understand, more predictable, and consistent with the law and peer-reviewed science, while protecting the streams and wetlands that form the foundation of our nation's water resources.

Congress enacted the CWA "to restore and maintain the chemical, physical, and biological integrity of the Nation's waters," section 101(a), and to complement statutes that protect the navigability of waters, such as the Rivers and Harbors Act. 33 U.S.C. 401, 403, 404, 407. The CWA is the nation's single most important statute for protecting America's clean water against pollution, degradation, and destruction. To provide that protection, the Supreme Court has consistently agreed that the geographic scope of the CWA reaches beyond waters that are navigable in fact. Peer-reviewed science and practical experience demonstrate that upstream waters, including headwaters and wetlands, significantly affect the chemical, physical, and biological integrity of downstream waters by playing a crucial role in controlling sediment, filtering pollutants, reducing flooding, providing habitat for fish and other aquatic wildlife, and many other vital chemical, physical, and biological processes.

This final rule interprets the CWA to cover those waters that require protection in order to restore and maintain the chemical, physical, or biological integrity of traditional navigable waters, interstate waters, and the territorial seas. This interpretation is based not only on legal precedent and the best available peer-reviewed science, but also on the agencies' technical expertise and extensive experience in implementing the CWA over the past four decades. The rule will clarify and simplify implementation of the CWA consistent with its purposes through clearer definitions and increased use of bright-line boundaries to establish waters that are jurisdictional by rule and limit the need for case-specific analysis. The agencies emphasize that, while the CWA establishes permitting requirements for covered waters to ensure protection of water quality, these requirements only apply with respect to discharges of pollutants to the covered water. In the absence of a discharge of a pollutant, the CWA does not impose permitting restrictions on the use of such water.

Additionally, Congress has exempted certain discharges, and the rule does not affect any of the exemptions from CWA section 404 permitting requirements provided by CWA section 404(f), including those for normal farming, ranching, and silviculture activities. CWA section 404(f); 40 CFR 232.3; 33 CFR 323.4. This rule not only maintains current statutory exemptions, it expands regulatory exclusions from the definition of "waters of the United States" to make it clear that this rule does not add any additional permitting requirements on agriculture. The rule also does not regulate shallow subsurface connections nor any type of groundwater, erosional features, or land use, nor does it affect either the existing statutory or regulatory exemptions from NPDES permitting requirements, such as for agricultural stormwater discharges and return flows from irrigated agriculture, or the status of water transfers. CWA section 402(l)(1); CWA section 402(l)(2); CWA section 502(14); 40 CFR 122.3(f); 40 CFR 122.2.

Finally, even where waters are covered by the CWA, the agencies have adopted many streamlined regulatory requirements to simplify and expedite compliance through the use of measures such as general permits and standardized mitigation measures. The agencies will continue to develop general permits and simplified procedures, particularly as they affect crossings of covered ephemeral and intermittent tributaries jurisdictional under this rule to ensure that projects that offer significant social benefits, such as renewable energy development, can proceed with the necessary environmental safeguards while minimizing permitting delays.

The jurisdictional scope of the CWA is "navigable waters," defined in section 502(7) of the statute as "waters of the United States, including the territorial seas." The term "navigable waters" is used in a number of provisions of the CWA, including the section 402 National Pollutant Discharge Elimination System (NPDES) permit program, the section 404 permit program, the section 311 oil spill prevention and response program,[2] the water quality standards and total maximum daily load programs (TMDL) under section 303, and the section 401 state water quality certification process. However, while there is only one CWA definition of "waters of the United States," there may be other statutory factors that define the reach of a particular CWA program or provision.[3]

[1] The agencies use the term "water" and "waters" in categorical reference to rivers, streams, ditches, wetlands, ponds, lakes, oxbows, and other types of natural or man-made aquatic systems, identifiable by the water contained in these aquatic systems or by their chemical, physical, and biological indicators. The agencies use the terms "waters" and "water bodies" interchangeably in this preamble.

[2] While section 311 uses the phrase "navigable waters of the United States," EPA has interpreted it to have the same breadth as the phrase "navigable waters" used elsewhere in section 311, and in other sections of the CWA. *See United States* v. *Texas Pipe Line Co.,* 611 F.2d 345, 347 (10th Cir. 1979); *United States* v. *Ashland Oil & Transp. Co.,* 504 F.2d 1317, 1324–25 (6th Cir. 1974). In 2002, EPA revised its regulatory definition of "waters of the United States" in 40 CFR part 112 to ensure that the language of the rule was consistent with the regulatory language of other CWA programs. *Oil Pollution Prevention & Response; Non-Transportation-Related Onshore & Offshore Facilities,* 67 FR 47042, July 17, 2002. A district court vacated the rule for failure to comply with the Administrative Procedure Act, and reinstated the prior regulatory language. *American Petroleum Ins.* v. *Johnson,* 541 F. Supp. 2d 165 (D. D.C. 2008). However, EPA interprets "navigable waters of the United States" in CWA section 311(b), in the pre-2002 regulations, and in the 2002 rule to have the same meaning as "navigable waters" in CWA section 502(7).

[3] For example, the CWA section 402 (33 U.S.C. 1342) program regulates discharges of pollutants

Continued

Existing regulations (last codified in 1986) define "waters of the United States" as traditional navigable waters, interstate waters, all other waters that could affect interstate or foreign commerce, impoundments of waters of the United States, tributaries, the territorial seas, and adjacent wetlands. 33 CFR 328.3; 40 CFR 122.2.[4]

However, the Supreme Court has issued three decisions that provide critical context and guidance in determining the appropriate scope of "waters of the United States" covered by the CWA. In *United States* v. *Riverside Bayview Homes,* 474 U.S. 121 (1985) (*Riverside*), the Court, in a unanimous opinion, deferred to the Corps' ecological judgment that adjacent wetlands are "inseparably bound up" with the waters to which they are adjacent, and upheld the inclusion of adjacent wetlands in the regulatory definition of "waters of the United States." *Id.* at 134. The Court observed that the broad objective of the CWA to restore and maintain the integrity of the Nation's waters "incorporated a broad, systemic view of the goal of maintaining and improving water quality. . . . Protection of aquatic ecosystems, Congress recognized, demanded broad federal authority to control pollution, for '[w]ater moves in hydrologic cycles and it is essential that discharge of pollutants be controlled at the source.' In keeping with these views, Congress chose to define the waters covered by the Act broadly." *Id.* at 132–33 (*citing* Senate Report No. 92–414, p. 77 (1972)).

In *Solid Waste Agency of Northern Cook County* v. *U.S. Army Corps of Engineers,* 531 U.S. 159 (2001) (*SWANCC*), the Supreme Court held that the use of "isolated" non-navigable intrastate ponds by migratory birds was not by itself a sufficient basis for the exercise of federal regulatory authority under the CWA. Although the *SWANCC* decision did not call into question earlier decisions upholding the CWA's coverage of wetlands or other waters "adjacent" to traditional navigable waters, it created uncertainty with regard to the jurisdiction of other waters and wetlands that, in many instances, may play an important role in protecting the integrity of the nation's waters. The majority opinion in *SWANCC* introduced the concept that it was a "significant nexus" that informed the Court's reading of CWA jurisdiction over waters that are not navigable in fact.

Five years later, in *Rapanos* v. *United States,* 547 U.S. 715 (2006) (*Rapanos*), all Members of the Court agreed that the term "waters of the United States" encompasses some waters that are not navigable in the traditional sense. In addition, Justice Kennedy's opinion indicated that the critical factor in determining the CWA's coverage is whether a water has a "significant nexus" to downstream traditional navigable waters such that the water is important to protecting the chemical, physical, or biological integrity of the navigable water, referring back to the Court's decision in *SWANCC.* Justice Kennedy's concurrence in *Rapanos* stated that to constitute a "water of the United States" covered by the CWA, "a water or wetland must possess a 'significant nexus' to waters that are or were navigable in fact or that could reasonably be so made." *Id.* at 759 (Kennedy, J., concurring in the judgment) (*citing SWANCC,* 531 U.S. at 167, 172). Justice Kennedy concluded that wetlands possess the requisite significant nexus if the wetlands "either alone or in combination with similarly situated [wet]lands in the region, significantly affect the chemical, physical, and biological integrity of other covered waters more readily understood as 'navigable.'" 547 U.S. at 780.

In this rule, the agencies interpret the scope of the "waters of the United States" for the CWA using the goals, objectives, and policies of the statute, the Supreme Court case law, the relevant and available science, and the agencies' technical expertise and experience as support. In particular, the agencies looked to the objective of the CWA "to restore and maintain the chemical, physical, and biological integrity of the Nation's waters," and the scientific consensus on the strength of the effects of upstream tributaries and adjacent waters, including wetlands, on downstream traditional navigable waters, interstate waters, and the territorial seas. An important element of the agencies' interpretation of the CWA is the significant nexus standard. This significant nexus standard was first informed by the ecological and hydrological connections the Supreme Court noted in *Riverside Bayview,* developed and established by the Supreme Court in *SWANCC,* and further refined in Justice Kennedy's opinion in *Rapanos.* The agencies also utilized the plurality standard in *Rapanos* by establishing boundaries on the scope of "waters of the United States" and in support of the exclusions from the definition of "waters of the United States." The analysis used by the agencies has been supported by all nine of the United States Courts of Appeals that have considered the issue.

The agencies assess the significance of the nexus in terms of the CWA's objective to "restore and maintain the chemical, physical, and biological integrity of the Nation's waters." When the effects are speculative or insubstantial, the "significant nexus" would not be present. The science demonstrates that the protection of upstream waters is critical to maintaining the integrity of the downstream waters. The upstream waters identified in the rule as jurisdictional function as integral parts of the aquatic environment, and if these waters are polluted or destroyed, there is a significant effect downstream.

In response to the Supreme Court opinions, the agencies issued guidance in 2003 (post-*SWANCC*) and 2008 (post-*Rapanos*). However, these two guidance documents did not provide the public or agency staff with the kind of information needed to ensure timely, consistent, and predictable jurisdictional determinations. Many waters are currently subject to case-specific jurisdictional analysis to determine whether a "significant nexus" exists, and this time and resource intensive process can result in inconsistent interpretation of CWA jurisdiction and perpetuate ambiguity over where the CWA applies. As a result of the ambiguity that exists under current regulations and practice following these recent decisions, almost all waters and wetlands across the country theoretically could be subject to a case-specific jurisdictional determination.

Members of Congress, developers, farmers, state and local governments, energy companies, and many others requested new regulations to make the process of identifying waters protected under the CWA clearer, simpler, and faster. Chief Justice Roberts' concurrence in *Rapanos* underscores

---

from "point sources" to "waters of the United States," whether these pollutants reach jurisdictional waters directly or indirectly. The plurality opinion in *Rapanos* noted that "there is no reason to suppose that our construction today significantly affects the enforcement of § 1342. . . . The Act does not forbid the 'addition of any pollutant *directly* to navigable waters from any point source,' but rather the 'addition of any pollutant *to* navigable waters.'" 547 U.S. at 743.

[4] There are numerous regulations that utilize the definition of "waters of the United States" and each is codified consistent with its place in a particular section of the Code of Federal Regulations. For simplicity, throughout the preamble the agencies refer to the rule as organized into (a), (b), (c) provisions and intend the reference to encompass the appropriate cites in each section of the Code of Federal Regulations. For example, a reference to (a)(1) is a reference to all instances in the CFR identified as subject to this rule that state "All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide."

the importance of this rulemaking effort.[5] In this final rule, the agencies are responding to those requests from across the country to make the process of identifying waters protected under the CWA easier to understand, more predictable, and more consistent with the law and peer-reviewed science.

The agencies proposed a rule clarifying the scope of waters of the United States April 21, 2014 (79 FR 22188), and solicited comments for over 200 days. This final rule reflects the over 1 million public comments on the proposal, the substantial majority of which supported the proposed rule, as well as input provided through the agencies' extensive public outreach effort, which included over 400 meetings nationwide with states, small businesses, farmers, academics, miners, energy companies, counties, municipalities, environmental organizations, other federal agencies, and many others. The agencies sought comment on a number of approaches to specific jurisdictional questions, and many of these commenters and stakeholders urged EPA to improve upon the April 2014 proposal, by providing more bright line boundaries and simplifying definitions that identify waters that are protected under the CWA, all for the purpose of minimizing delays and costs, making protection of clean water more effective, and improving predictability and consistency for landowners and regulated entities.

The agencies' interpretation of the CWA's scope in this final rule is guided by the best available peer-reviewed science—particularly as that science informs the determinations as to which waters have a "significant nexus" with traditional navigable waters, interstate waters, or the territorial seas.

The relevant science on the relationship and downstream effects of waters has advanced considerably in recent years. A comprehensive report prepared by the EPA's Office of Research and Development entitled "Connectivity of Streams and Wetlands to Downstream Waters: A Review and Synthesis of the Scientific Evidence" [6] (hereafter the Science Report) synthesizes the peer-reviewed science.

The Science Report provides much of the technical basis for this rule. The Science Report is based on a review of more than 1,200 peer-reviewed publications. EPA's Science Advisory Board (SAB) conducted a comprehensive technical review of the Science Report and reviewed the adequacy of the scientific and technical basis of the proposed rule. The Science Report and the SAB review confirmed that:

- Waters are connected in myriad ways, including physical connections and the hydrologic cycle; however, connections occur on a continuum or gradient from highly connected to highly isolated.
- These variations in the degree of connectivity are a critical consideration to the ecological integrity and sustainability of downstream waters.
- The critical contribution of upstream waters to the chemical, physical, and biological integrity of downstream waters results from the accumulative contribution of similar waters in the same watershed and in the context of their functions considered over time.

The Science Report and the SAB review also confirmed that:

- Tributary streams, including perennial, intermittent, and ephemeral streams, are chemically, physically, and biologically connected to downstream waters, and influence the integrity of downstream waters.
- Wetlands and open waters in floodplains and riparian areas are chemically, physically, and biologically connected with downstream waters and influence the ecological integrity of such waters.
- Non-floodplain wetlands and open waters provide many functions that benefit downstream water quality and ecological integrity, but their effects on downstream waters are difficult to assess based solely on the available science.

Although these conclusions play a critical role in informing the agencies' interpretation of the CWA's scope, the agencies' interpretive task in this rule—determining which waters have a "significant nexus"—requires scientific and policy judgment, as well as legal interpretation. The science demonstrates that waters fall along a gradient of chemical, physical, and biological connection to traditional navigable waters, and it is the agencies' task to determine where along that gradient to draw lines of jurisdiction under the CWA. In making this determination, the agencies must rely, not only on the science, but also on their technical expertise and practical experience in implementing the CWA during a period of over 40 years. In addition, the agencies are guided, in part, by the compelling need for clearer, more consistent, and easily implementable standards to govern administration of the Act, including brighter line boundaries where feasible and appropriate.

Major Rule Provisions

In this final rule, the agencies define "waters of the United States" to include eight categories of jurisdictional waters. The rule maintains existing exclusions for certain categories of waters, and adds additional categorical exclusions that are regularly applied in practice. The rule reflects the agencies' goal of providing simpler, clearer, and more consistent approaches for identifying the geographic scope of the CWA. The rule recognizes jurisdiction for three basic categories: Waters that are jurisdictional in all instances, waters that are excluded from jurisdiction, and a narrow category of waters subject to case-specific analysis to determine whether they are jurisdictional.

Decisions about waters in each of these categories are based on the law, peer-reviewed science, and the agencies' technical expertise, and were informed by public comments. This rule replaces existing procedures that often depend on individual, time-consuming, and inconsistent analyses of the relationship between a particular stream, wetland, lake, or other water with downstream waters. The agencies have greatly reduced the extent of waters subject to this individual review by carefully incorporating the scientific literature and by utilizing agency expertise and experience to characterize the nature and strength of the chemical, physical, and biological connections between upstream and downstream waters. The result of applying this scientific analysis is that the agencies can more effectively focus the rule on identifying waters that are clearly covered by the CWA and those that are clearly not covered, making the rule easier to understand, consistent, and environmentally more protective.

The jurisdictional categories reflect the current state of the best available science, and are based upon the law and Supreme Court decisions. The agencies will continue a transparent review of the science, and learn from on-going

[5] Chief Justice Roberts' concurrence in *Rapanos* emphasized that "[a]gencies delegated rulemaking authority under a statute such as the Clean Water Act are afforded generous leeway by the courts in interpreting the statute they are entrusted to administer." *Id.* at 758. Chief Justice Roberts made clear that, if the agencies had undertaken such a rulemaking, "the Corps and the EPA would have enjoyed plenty of room to operate in developing *some* notion of an outer bound to the reach of their authority." *Id.* (Emphasis in original.)

[6] U.S. Environmental Protection Agency, *Connectivity of Streams and Wetlands to Downstream Waters: A Review and Synthesis of the Scientific Evidence* (Final Report), EPA/600/R–14/475F, (Washington, DC: U.S. Environmental Protection Agency, (2015)). *http://www.epa.gov/ncea.*

experience and expertise as the agencies implement the rule. If evolving science and the agencies' experience lead to a need for action to alter the jurisdictional categories, any such action will be conducted as part of a rule-making process.

The first three types of jurisdictional waters, traditional navigable waters, interstate waters, and the territorial seas, are jurisdictional by rule in all cases. The fourth type of water, impoundments of jurisdictional waters, is also jurisdictional by rule in all cases. The next two types of waters, "tributaries" and "adjacent" waters, are jurisdictional by rule, as defined, because the science confirms that they have a significant nexus to traditional navigable waters, interstate waters, or territorial seas. For waters that are jurisdictional by rule, no additional analysis is required.

The final two types of jurisdictional waters are those waters found after a case-specific analysis to have a significant nexus to traditional navigable waters, interstate waters, or the territorial seas, either alone or in combination with similarly situated waters in the region. Justice Kennedy acknowledged the agencies could establish more specific regulations or establish a significant nexus on a case-by-case basis, *Rapanos* at 782, and for these waters the agencies will continue to assess significant nexus on a case-specific basis.

The major elements of the final rule are briefly summarized here.

Traditional Navigable Waters, Interstate Waters, Territorial Seas, and Impoundments of Jurisdictional Waters

Consistent with existing regulations and the April 2014 proposed rule, the final rule includes traditional navigable waters, interstate waters, territorial seas, and impoundments of jurisdictional waters in the definition of "waters of the United States." These waters are jurisdictional by rule.

Tributaries

Previous definitions of "waters of the United States" regulated all tributaries without qualification. This final rule more precisely defines "tributaries" as waters that are characterized by the presence of physical indicators of flow—bed and banks and ordinary high water mark—and that contribute flow directly or indirectly to a traditional navigable water, an interstate water, or the territorial seas. The rule concludes that such tributaries are "waters of the United States." The great majority of tributaries as defined by the rule are headwater streams that play an important role in the transport of water, sediments, organic matter, nutrients, and organisms to downstream waters. The physical indicators of bed and banks and ordinary high water mark demonstrate that there is sufficient volume, frequency, and flow in such tributaries to a traditional navigable water, interstate water, or the territorial seas to establish a significant nexus. "Tributaries," as defined, are jurisdictional by rule.

The rule only covers as tributaries those waters that science tells us provide chemical, physical, or biological functions to downstream waters and that meet the significant nexus standard. The agencies identify these functions in the definition of "significant nexus" at paragraph (c)(5). Features not meeting this legal and scientific test are not jurisdictional under this rule. The rule continues the current policy of regulating ditches that are constructed in tributaries or are relocated tributaries or, in certain circumstances drain wetlands, or that science clearly demonstrates are functioning as a tributary. These jurisdictional waters affect the chemical, physical, and biological integrity of downstream waters. The rule further reduces existing confusion and inconsistency regarding the regulation of ditches by explicitly excluding certain categories of ditches, such as ditches that flow only after precipitation. Further, the rule explicitly excludes from the definition of "waters of the United States" erosional features, including gullies, rills, and ephemeral features such as ephemeral streams that do not have a bed and banks and ordinary high water mark.

Adjacent Waters

The agencies determined that "adjacent waters," as defined in the rule, have a significant nexus to traditional navigable waters, interstate waters, and the territorial seas based upon their hydrological and ecological connections to, and interactions with, those waters. Under this final rule, "adjacent" means bordering, contiguous, or neighboring, including waters separated from other "waters of the United States" by constructed dikes or barriers, natural river berms, beach dunes and the like. Further, waters that connect segments of, or are at the head of, a stream or river are "adjacent" to that stream or river. "Adjacent waters" include wetlands, ponds, lakes, oxbows, impoundments, and similar water features. However, it is important to note that "adjacent waters" do not include waters that are subject to established normal farming, silviculture, and ranching activities as those terms are used in Section 404(f) of the CWA.

The final rule establishes a definition of "neighboring" for purposes of determining adjacency. In the rule, the agencies identify three circumstances under which waters would be "neighboring" and therefore "waters of the United States":

(1) Waters located in whole or in part within 100 feet of the ordinary high water mark of a traditional navigable water, interstate water, the territorial seas, an impoundment of a jurisdictional water, or a tributary, as defined in the rule.

(2) Waters located in whole or in part in the 100-year floodplain and that are within 1,500 feet of the ordinary high water mark of a traditional navigable water, interstate water, the territorial seas, an impoundment, or a tributary, as defined in the rule ("floodplain waters").

(3) Waters located in whole or in part within 1,500 feet of the high tide line of a traditional navigable water or the territorial seas and waters located within 1,500 feet of the ordinary high water mark of the Great Lakes.

The agencies emphasize that the rule has defined as "adjacent waters" those waters that currently available science demonstrates possess the requisite connection to downstream waters and function as a system to protect the chemical, physical, or biological integrity of those waters. The agencies also emphasize that the rule does not cover "adjacent waters" that are otherwise excluded. Further, the agencies recognize the establishment of bright line boundaries in the rule for adjacency does not in any way restrict states from considering state specific information and concerns, as well as emerging science to evaluate the need to more broadly protect their waters under state law. The CWA establishes both national and state roles to ensure that states specific circumstances are properly considered to complement and reinforce actions taken at the national level.

"Adjacent" waters as defined are jurisdictional by rule. The agencies recognize that there are individual waters outside of the "neighboring" boundaries stated above where the science may demonstrate through a case-specific analysis that there exists a significant nexus to a downstream traditional navigable water, interstate water, or the territorial seas. However, these waters are not determined jurisdictional by rule and will be evaluated through a case-specific analysis. The strength of the science and

the significance of the nexus will be established on a case-specific basis as described below.

Case-Specific Significant Nexus

The rule identifies particular waters that are not jurisdictional by rule but are subject to case-specific analysis to determine if a significant nexus exists and the water is a "water of the United States." This category of case-specific waters is based upon available science and the law, and in response to public comments that encouraged the agencies to ensure more consistent determinations and reduce the complexity of conducting jurisdictional determinations. Consistent with the significant nexus standard articulated in the Supreme Court opinions, waters are "waters of the United States" if they significantly affect the chemical, physical, or biological integrity of traditional navigable waters, interstate waters, or the territorial seas. This determination will most typically be made on a water individually, but can, when warranted, be made in combination with other waters where waters function together.

In this final rule, the agencies have identified by rule, five specific types of waters in specific regions that science demonstrates should be subject to a significant nexus analysis and are considered similarly situated by rule because they function alike and are sufficiently close to function together in affecting downstream waters. These five types of waters are Prairie potholes, Carolina and Delmarva bays, pocosins, western vernal pools in California, and Texas coastal prairie wetlands. Consistent with Justice Kennedy's opinion in *Rapanos*, the agencies determined that such waters should be analyzed "in combination" (as a group, rather than individually) in the watershed that drains to the nearest traditional navigable water, interstate water, or the territorial seas when making a case-specific analysis of whether these waters have a significant nexus to traditional navigable waters, interstate waters, or territorial seas.

The final rule also provides that waters within the 100-year floodplain of a traditional navigable water, interstate water, or the territorial seas and waters within 4,000 feet of the high tide line or the ordinary high water mark of a traditional navigable water, interstate water, the territorial seas, impoundments, or covered tributary are subject to case-specific significant nexus determinations, unless the water is excluded under paragraph (b) of the rule. The science available today does not establish that waters beyond those defined as "adjacent" should be jurisdictional as a category under the CWA, but the agencies' experience and expertise indicate that there are many waters within the 100-year floodplain of a traditional navigable water, interstate water, or the territorial seas or out to 4,000 feet where the science demonstrates that they have a significant effect on downstream waters.

In circumstances where waters within the 100-year floodplain of a traditional navigable water, interstate water, or the territorial seas or within 4,000 feet of the high tide line or ordinary high water mark are subject to a case-specific significant nexus analysis and such waters may be evaluated as "similarly situated," it must be first demonstrated that these waters function alike and are sufficiently close to function together in affecting downstream waters. The significant nexus analysis must then be conducted based on consideration of the functions provided by those waters in combination in the point of entry watershed. A "similarly situated" analysis is conducted where it is determined that there is a likelihood that there are waters that function together to affect downstream water integrity. To provide greater clarity and transparency in determining what functions will be considered in determining what constitutes a significant nexus, the final rule lists specific functions that the agencies will consider.

In establishing both the 100-year floodplain and the 4,000 foot bright line boundaries for these case-specific significant nexus determinations in the rule, the agencies are carefully applying the available science. Consistent with the CWA, the agencies will work with the states in connection with the prevention, reduction and elimination of pollution from state waters. The agencies will work with states to more closely evaluate state-specific circumstances that may be present within their borders and, as appropriate, encourage states to develop rules that reflect their circumstances and emerging science to ensure consistent and effective protection for waters in the states. As is the case today, nothing in this rule restricts the ability of states to more broadly protect state waters.

Exclusions

All existing exclusions from the definition of "waters of the United States" are retained, and several exclusions reflecting longstanding agency practice are added to the regulation for the first time.

Prior converted cropland and waste treatment systems have been excluded from the definition of "waters of the United States" definition since 1992 and 1979 respectively, and continue to be excluded. Ministerial changes are made for purposes of clarity, but these two exclusions remain substantively and operationally unchanged. The agencies add exclusions for waters and features previously identified as generally exempt (*e.g.*, exclusion for certain ditches that are not located in or drain wetlands) in preamble language from **Federal Register** documents by the Corps on November 13, 1986, and by EPA on June 6, 1988. This is the first time these exclusions have been established by rule. The agencies for the first time also establish by rule that certain ditches are excluded from jurisdiction, including ditches with ephemeral flow that are not a relocated tributary or excavated in a tributary, and ditches with intermittent flow that are not a relocated tributary, or excavated in a tributary, or drain wetlands. The agencies add exclusions for groundwater and erosional features, as well as exclusions for some waters that were identified in public comments as possibly being found jurisdictional under proposed rule language where this was never the agencies' intent, such as stormwater control features constructed to convey, treat, or store stormwater, and cooling ponds that are created in dry land. These exclusions reflect the agencies' current practice, and their inclusion in the rule as specifically excluded furthers the agencies' goal of providing greater clarity over what waters are and are not protected under the CWA.

Role of States and Tribes Under the Clean Water Act

States and tribes play a vital role in the implementation and enforcement of the CWA. Section 101(b) of the CWA states that it is Congressional policy to preserve the primary responsibilities and rights of states to prevent, reduce, and eliminate pollution, to plan the development and use of land and water resources, and to consult with the Administrator with respect to the exercise of the Administrator's authority under the CWA.

Of particular importance, states and tribes may be authorized by the EPA to administer the permitting programs of CWA sections 402 and 404. Forty-six states and the U.S. Virgin Islands are authorized to administer the NPDES program under section 402, while two states administer the section 404 program. The CWA identifies the waters over which states may assume section 404 permitting jurisdiction. *See* CWA section 404(g)(1). The scope of waters

that are subject to state and tribal permitting is a separate inquiry and must be based on the statutory language in CWA section 404. States administer approved CWA section 404 programs for "waters of the United States" within the state, except those waters remaining under Corps jurisdiction pursuant to CWA section 404(g)(1) as identified in a Memorandum of Agreement between the state and the Corps. 40 CFR 233.14; 40 CFR 233.70(c)(2); 40 CFR 233.71(d)(2). EPA has initiated a separate process to address how the EPA can best clarify assumable waters for dredged and fill material permit programs pursuant to the Clean Water Act section 404(g)(1). 80 FR 13539 (Mar. 16, 2015). Additional CWA programs that utilize the definition of "waters of the United States" and are of importance to the states and tribes include the section 311 oil spill prevention and response program, the water quality standards and total maximum daily load (TMDL) programs under section 303, and the section 401 state water quality certification process.

States and federally-recognized tribes, consistent with the CWA, retain full authority to implement their own programs to more broadly and more fully protect the waters in their jurisdiction. Under section 510 of the CWA, unless expressly stated, nothing in the CWA precludes or denies the right of any state to establish more protective standards or limits than the Federal CWA. Congress has also provided roles for eligible Indian tribes to administer CWA programs over their reservations and expressed a preference for tribal regulation of surface water quality on Indian reservations to ensure compliance with the goals of the CWA. See 33 U.S.C. 1377; 56 FR 64876, 64878–79 (Dec. 12, 1991)). Tribes also have inherent sovereign authority to establish more protective standards or limits than the Federal CWA. Where appropriate, references to states in this document may also include eligible tribes. Many states and tribes, for example, regulate groundwater, and some others protect wetlands that are vital to their environment and economy but outside the jurisdiction of the CWA. Nothing in this rule limits or impedes any existing or future state or tribal efforts to further protect their waters. In fact, providing greater clarity regarding what waters are subject to CWA jurisdiction will reduce the need for permitting authorities, including the states and tribes with authorized section 402 and 404 CWA permitting programs, to make jurisdictional determinations on a case-specific basis.

Overview of the Preamble

The remainder of this preamble is organized as follows. Section III (Significant Nexus Standard) provides additional background on the rule, including a discussion of Supreme Court precedent, the science underpinning the rule, and the agencies' overall interpretive approach to applying the significant nexus standard. Section IV (Definition of Waters of the United States) explains the provisions of the final rule, including subsections on each of the major elements of the rule. Section V summarizes the economic analysis of the rule and Section VI addresses Related Acts of Congress, Executive Orders and Agency Initiatives.

III. Significant Nexus Standard

With this rule, the agencies interpret the scope of the "waters of the United States" for the CWA in light of the goals, objectives, and policies of the statute, the Supreme Court case law, the relevant and available science, and the agencies' technical expertise and experience. The key to the agencies' interpretation of the CWA is the significant nexus standard, as established and refined in Supreme Court opinions: Waters are "waters of the United States" if they, either alone or in combination with similarly situated waters in the region, significantly affect the chemical, physical, or biological integrity of traditional navigable waters, interstate waters, or the territorial seas. The agencies interpret specific aspects of the significant nexus standard in light of the science, the law, and the agencies' technical expertise: The scope of the region in which to evaluate waters when making a significant nexus determination; the waters to evaluate in combination with each other; and the functions provided by waters and strength of those functions, and when such waters significantly affect the chemical, physical, or biological integrity of the downstream traditional navigable waters, interstate waters, or the territorial seas.

In the rule, the agencies determine that tributaries, as defined ("covered tributaries"), and "adjacent waters", as defined ("covered adjacent waters"), have a significant nexus to downstream traditional navigable waters, interstate waters, and the territorial seas and therefore are "waters of the United States." In the rule, the agencies also establish that defined sets of additional waters may be determined to have a significant nexus on a case-specific basis: (1) Five specific types of waters that the agencies conclude are "similarly situated" and therefore must be analyzed "in combination" in the watershed that drains to the nearest traditional navigable water, interstate water, or the territorial seas when making a case-specific significant nexus analysis; and (2) waters within the 100-year floodplain of a traditional navigable water, interstate water, or the territorial seas, or waters within 4,000 feet of the high tide line or ordinary high water mark of traditional navigable waters, interstate waters, the territorial seas, impoundments or covered tributaries. The rule establishes a definition of significant nexus, based on Supreme Court opinions and the science, to use when making these case-specific determinations.

Significant nexus is not a purely scientific determination. The opinions of the Supreme Court have noted that as the agencies charged with interpreting the statute, EPA and the Corps must develop the outer bounds of the scope of the CWA, while science does not provide bright line boundaries with respect to where "water ends" for purposes of the CWA. Therefore, the agencies' interpretation of the CWA is informed by the Science Report and the review and comments of the SAB, but not dictated by them. With this context, this section addresses, first, the Supreme Court case law and the significant nexus standard, second, the relevant scientific conclusions reached by analysis of existing scientific literature, and third, the agencies' significant nexus determinations underpinning the rule. Section IV of the preamble addresses in more detail the precise definitions of the covered waters promulgated by the agencies to provide the bright line boundaries identifying "waters of the United States."

A. The Significant Nexus Standard

Congress enacted the CWA "to restore and maintain the chemical, physical, and biological integrity of the Nation's waters." Section 101(a). The agencies' longstanding regulations define "waters of the United States" for purposes of the Clean Water Act, and the Supreme Court has addressed the scope of "waters of the United States" protected by the CWA in three cases. The significant nexus standard evolved through those cases.

In *United States* v. *Riverside Bayview Homes,* 474 U.S. 121 (1985) (*Riverside*), which involved wetlands adjacent to a traditional navigable water in Michigan, the Court, in a unanimous opinion, deferred to the Corps' ecological judgment that adjacent wetlands are "inseparably bound up" with the waters