

401(a)(2) Hearing

May 4, 2022

Rebuttal Presentation

Band's Claims Have Been Extensively Studied and Resolved



EPA Gave Positive Rating to PolyMet SDEIS



EPA Commented on Mercury During EIS Process

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 0 **REGION 5** N/ 77 WEST JACKSON BOULEVARD CHICAGO; IL 60604-3590 MAR 1 3 2014 REPLY TO THE ATTENTION OF: E-19J Brenda Halter Forest Supervisor U.S. Forest Service - Superior National Forest 8901 Grand Avenue Place Duluth, Minnesota 55808 Colonel Dan Koprowski Commander U.S. Army Corps of Engineers - St. Paul District 180 5th Street East, Suite 700 St. Paul, Minnesota 55101-1678 Tom Landwehr Commissioner Minnesota Department of Natural Resources 500 Lafavette Road St. Paul, Minnesota 55155-4040 Re: Supplemental Draft Environmental Impact Statement for the NorthMet Mining Project and Land Exchange, Hoyt Lakes, St. Louis County, Minnesota -CEO No. 20130361 Dear Ms. Halter, Colonel Koprowski, and Mr. Landwehr: The United States Environmental Protection Agency (EPA) has reviewed the Supplemental Draft Environmental Impact Statement (SDEIS) for the NorthMet Mining Project and Land Exchange. This SDEIS was prepared by Environmental Resources Management (ERM), consultant to the U.S. Army Corps of Engineers (USACE), U.S. Forest Service (USFS), and the Minnesota Department of Natural Resources (MDNR). These agencies are collectively referred to as the "co-lead agencies." EPA conducted its review pursuant to its authorities and responsibilities under the National Environmental Policy Act (NEPA), Council on Environmental Quality regulations (40 CFR Parts 1500-1508), Section 309 of the Clean Air Act, Section 404 of the Clean Water Act (CWA), and its June 27, 2011 agreement to participate as a cooperating agency. 1 Recycled/Recyclable • Printed with Vegetable OII Based Inks on 100% Recycled Paper (50% Postconsumer)

EPA Commented on Mercury During EIS Process

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 6 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590 MAR 1 3 2014	The proposed project is the first non-ferrous hard rock mine on the Mesabi Iron Range and includes three new surface mine pits, permanent and temporary waste rock stockpiles, an overburden storage and laydown area, a wastewater treatment facility (WWTF), a water collection and conveyance system, a central pumping station (CPS), and a rail transfer hopper. Two processing facilities, one for beneficiation and one for hydrometallurgical processing, would be located on the old LTV Steel Mining Company (LTVSMC) site, and PolyMet (the
REPLY TO THE ATTENTION OF F-191	company) proposes to use and expand the existing LTV tailings basin. The proposed land exchange anticipates that 6,650 acres of Superior National Forest will be exchanged for up to
	6,722 acres of privately-owned lands. The proposed project on which and ceded by the Lake Superior Chippewa Tribe to the U.S. by treaty to the U.S. by tre
Brenda Halter	
U.S. Forest Service – Superior National Forest	EPA to mpact Statement (DEIS) and rated it as "East FIS (FIL3)" on February 18, 2010, EPA also

"We appreciate the extensive improvements to the project and the clarity and completeness of the environmental review that are reflected in the SDEIS."

– EPA SDEIS Comment Letter, page 2 (2014)

responsibilities under the National Environmental Policy Act (NEPA), Council on Environmental Quality regulations (40 CFR Parts 1500-1508), Section 309 of the Clean Air Act, Section 404 of the Clean Water Act (CWA), and its June 27, 2011 agreement to participate as a cooperating agency.

Attached to this letter are EPA's detailed comments and recommendations. Most of EPA's 37 comments recommend changes that will support a complete and easily understandable Final Environmental Impact Statement (FEIS), with an adequate level of detailed analysis to inform decisionmakers and the public. Also included are recommendations to further analyze potential impacts that have been raised by the SDEIS, with an expectation that avoidance or mitigation will be considered as necessary and appropriate.

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EPA Commented on Mercury During EIS Process

UNITED STATES ENVIRON F 77 WEST JA CHICAGO	NMENTAL PROTECTIO REGION 5 KOKSON BOULEVARD GOI IL 60604-3590 AR 1 3 2014	N AGENCY	
	REPLY	E-19J	
Brenda Halter Forest Supervisor			
U.S. Forest Service – Superior National For 8901 Grand Avenue Place Duluth, Minnesota 55808	rest		
Colonel Dan Koprowski			
Commander U.S. Army Corps of Engineers – St. Paul D 180 5 th Street East, Suite 700	District		
Ct David Minuscata 55101 1679			

evaluation criteria will be determined; or include modeling and evaluation of elemental mercury. If GoldSim is not suitable to model this pollutant, elemental mercury can be modeled using a different water quality model, such as the Water Quality Analysis Simulation Program (WASP)³, which is commonly used by EPA to model elemental mercury.

Comment # 16. Page 5-509, Section 5.2.10.2.6, 5th paragraph: The SDEIS states that "increased mercury concentrations, and associated increases in mercury bioaccumulation in fish tissue could therefore constitute an environmental justice impact for Band members and other subsistence consumers of fish;" and that "deposition of mercury from the NorthMet Project Proposed Action would cease at closure, but mercury bioaccumulation in fish tissue and existing fish consumption limits could persist beyond the mine's operational life." Table 5.2.2-51 shows how much elemental mercury is expected to leave the project site under currently-proposed control measures. Further consideration of mercury impacts is needed.

Recommendation: The FEIS should refine the quoted statement to more clearly characterize the risks associated with mercury releaser Based on this risk characterization, the FEIS should explain the project.

11

"**Recommendation:** The FEIS should refine the quoted statement to more clearly characterize the risks associated with mercury releases. Based on this risk characterization, the FEIS should explain what has been and will be done to avoid, minimize, and mitigate mercury releases from the project."

– EPA SDEIS Comment Letter, page 11 (2014)

PFEIS Resolved the EPA's Comments

NTED STATE $\mathbf{\Omega}$ REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590 AUG 0 5 2015 REPLY TO THE ATTENTION OF: E-19J Tamara Cameron Chief, Regulatory Branch U.S. Army Corps of Engineers - St. Paul District 180 5th Street East, Suite 700 St. Paul, Minnesota 55101-1678 Barb Naramore Assistant Commissioner Minnesota Department of Natural Resources 500 Lafavette Road St. Paul, Minnesota 55155-4040 Shawn Olson Acting Deputy Forest Supervisor U.S. Forest Service - Superior National Forest 8901 Grand Avenue Place Duluth, Minnesota 55808 Re: Preliminary Final Environmental Impact Statement for the NorthMet Mining Project and Land Exchange, Hoyt Lakes, St. Louis County, Minnesota Dear Ms. Cameron, Ms. Naramore, and Mr. Olson: The United States Environmental Protection Agency (EPA) has reviewed the Preliminary Final Environmental Impact Statement (PFEIS) for the NorthMet Mining Project and Land Exchange. This PFEIS was prepared by Environmental Resources Management (ERM), and we understand it is being reviewed in parallel by the co-lead agencies: U.S. Army Corps of Engineers (USACE), U.S. Forest Service (USFS), and the Minnesota Department of Natural Resources (MDNR). EPA appreciates the opportunity to review this preliminary document in our role as a cooperating agency, consistent with our June 27, 2011 cooperating agency agreement for this project. The PFEIS reflects many improvements to the project, and to the clarity and completeness of the environmental review. Our extensive discussions with the co-lead and

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cooperating agencies have helped to resolve virtually all of our previous comments, and to

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590 AUG 0 5 2015

Tamara Cameron Chief, Regulatory U.S. Army Corps 180 5th Street East St. Paul, Minnesot

Barb Naramore Assistant Commiss Minnesota Departu 500 Lafayette Road St. Paul, Minnesota

Shawn Olson Acting Deputy Fo U.S. Forest Servic 8901 Grand Aven Duluth, Minnesot

Re: Prel

Dear Ms

Fir F must pl enderstand it is be Engineers (USAC Resources (MDNI our role as a coope agreement for this "The PFEIS reflects many improvements to the project, and to the clarity and completeness of the environmental review. **Our extensive discussions with the co-lead and cooperating agencies have helped to resolve virtually all of our previous comments**."

- EPA PFEIS Comment Letter, page 1 (2015)

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REPLY TO THE ATTENTION OF:

Brenda Halter Forest Supervisor U.S. Forest Service – Superior National Forest 8901 Grand Avenue Place Duluth, Minnesota 55808

Colonel Dan Koprowski Commander U.S. Army Corps of Engineers – St. Paul District 180 5th Street East, Suite 700 St. Paul, Minnesota 55101-1678

Tom Landwehr Commissioner Minnesota Department of Natural Resources 500 Lafayette Road St. Paul, Minnesota 55155-4040

Re: Final Environmental Impact Statement for the NorthMet Mining Project and Land Exchange, Hoyt Lakes, St. Louis County, Minnesota - CEQ No. 20150317

Dear Ms. Halter, Colonel Koprowski, and Mr. Landwehr:

The United States Environmental Protection Agency (EPA) has reviewed the Final Environmental Impact Statement (FEIS) for the NorthMet Mining Project and Land Exchange. This FEIS was developed by the U.S. Army Corps of Engineers (Corps), U.S. Forest Service (USFS), and the Minnesota Department of Natural Resources (MDNR). These agencies are collectively referred to as the "co-lead agencies." The Corps and MDNR are also among the permitting agencies for the proposed project. EPA conducted its review pursuant to its authorities and responsibilities under the National Environmental Policy Act (NEPA), Council on Environmental Quality regulations (40 CFR Parts 1500-1508), Section 309 of the Clean Air Act (CAA), Section 404 of the Clean Water Act (CWA), and its June 27, 2011 agreement to participate as a cooperating agency.

The proposed project is the first non-ferrous hard rock mine on the Mesabi Iron Range. It includes three new surface mine pits, permanent and temporary waste rock stockpiles, an overburden storage and laydown area, a wastewater treatment facility, a water collection and conveyance system, a central pumping station, and a rail transfer hopper. Two processing

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60804-3590 DEC 2 1 2015	facilities, one for beneficiation and one for hydrometallurgical processing, would be located on the old LTV Steel Mining Company site, and the existing LTV tailings basin would be expanded during use. The proposed land exchange anticipates the exchange of 6,650 acres of Superior National Forest for 6,690 acres of privately-owned lands. The proposed project is within lands ceded by certain Chippewa tribes under the Treaty of La Pointe, September 30, 1854 (10 Stat. 1109), for which these tribes retain reserved hunting, fishing, and gathering rights.		
Brenda Halter Forest Supervisor U.S. Forest Service – Superior National Forest	EPA previously reviewed the Draft Environmental Impact Statement and rated it as Environmentally Unsatisfactory – Inadequate (EU-3) on February 18, 2010. EPA commented on the Supplemental Draft Environmental Impact Statement on March 13, 2014, and rated it as Environmental Concerns – Insufficient Information (EC-2). ¹ EPA also reviewed the Preliminary FEIS, and provided comments to the co-lead agencies on August 5, 2015.		
8901 Grand Avenue Place Duluth, Minnesota 55808 Colonel Dan Koprowski Commander U.S. Army Corps of Engineers – St. Paul District 180 S th Street East, Suite 700 St. Paul, Minnesota 55101-1678	The FEIS adequately resolves EPA's comments on the Preliminary FEIS pertaining to base flow and cumulative impacts, model calibration, and contradictory information. EPA's remaining comments (see attached) can and should be add the Corps permit evaluation process which permitting reviews as appropriate D under the CWA's National D CAA. EPA also retain		
Tom Landwehr	We look f		

"The FEIS adequately **resolves EPA's comments** on the Preliminary FEIS pertaining to base flow and cumulative impacts, model calibration, and contradictory information."

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– EPA FEIS Comment Letter, page 2 (2015)

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FEIS Found No Exceedance of Band's Mercury Standard

NorthMet Mining Project and Land Exchange

Final Environmental Impact Statement

November 2015



Prepared by Minnesota Department of Natural Resources United States Army Corps of Engineers United States Forest Service



FEIS Found No Exceedance of Band's Mercury Standard

NorthMet Mining Project

"The net effect of these [Project] changes would be an **overall** reduction in mercury loadings to the downstream St. Louis River upstream of the Fond du Lac Reservation boundary. Therefore, the NorthMet Project Proposed Action would not add to any potential exceedance of the Fond du Lac mercury water quality standard of 0.77 ng/L within the Reservation."

– FEIS, page 5-10 (2018)



USACE Decision Found No Exceedance of Band's Mercury Standard



USACE Decision Found No Exceedance of Band's Mercury Standard



"There is no expected change in fish mercury concentrations and no substantial change in human health risks related to fish consumption."

– USACE Record of Decision, page 74 (2019)

MPCA Found No Measurable Change to Water Quality Downstream

MINNESOTA POLLUTION CONTROL AGENCY

Clean Water Act Section 401 Water Quality Certification Program Fact Sheet

Federal Permitting Agency		Project Proposer	Facility Name	
	Contact			
	Mr. Chad Konickson	Ms. Jennifer Saran	NorthMet Project	
	Regulatory Branch Chief	Poly Met Mining, Inc.	6500 County Road 666	
	U.S. Army Corps of Engineers	Suite 2060, 444 Cedar Street	Hoyt Lakes, MN 55750	
	180 Fifth Street East, Suite 700	St. Paul, MN 55101		
	St. Paul. MN 55101			

Public Comment Period Began: January 31, 2018 Period Ended: March 16, 2018

Watersheds of Interest:

- St. Louis River (HUC 04010201)
 - Embarrass River Watershed
 - Partridge River Watershed

Proposed Action: Section 401 Water Quality Certification

MPCA Found No Measurable Change to Water Quality Downstream

"Based on its review of Cross-Media analysis, the MPCA concluded:

- 1. The analysis developed a reasonable and protective scenario that showed no measurable changes of mercury in water or fish from Project-related deposition of sulfur.
- 2. There will be no exceedances of copper, cobalt, and arsenic Class 2D water quality standards or to any other numeric water quality criteria from Project-related air emissions or the cumulative impact of Project-related air emissions.
- 3. The Project will not result in any measurable changes to water quality downstream of the Project in the St. Louis River, including downstream locations at Forbes (upper St. Louis River)."

- MPCA 401 Fact Sheet, page 14 (2018)

Court of Appeals Held Permit Will Comply with Band's Standards



Court of Appeals Held Permit Will Comply with Band's Standards

The Minnesota Court of Appeals concluded:

- 1. PolyMet's "permit will comply with the Band's water-quality standards because discharges from the project will not alter the quality of the waters within the Band's reservation boundaries."
- 2. "The permit ensures compliance with the Band's water-quality standards."

– In re the Denial of Contested Case Hearing Requests, No. A19-0112, 2022 WL 200338, at *14, 17 (Minn. Ct. App. Jan. 24, 2022)



Seepage Containment System



Seepage Containment System



Seepage Containment System Examples

Location Project Setting		Barrier Wall	Trench Dimensions	Seepage Collection	Seepage Collection Pipe
Carlsbad, NM	Potash Process Disposal	Slurry wall	10 feet deep	Yes	Yes
Tacoma, WA	Wood Process Waste Landfill	Bentonite	30 feet deep	Yes	No
Bogalusa, LA	Bogalusa, LA Papermill Landfill		40 feet deep, 2.5 feet wide	Yes	Yes
Oak Ridge, TN DOE Landfill		Soil-bentonite	22 feet deep	Yes	No
Taunton, MA	Pharmaceutical Mfr Remediation	Bentonite	55 feet deep, 12 feet wide	Yes	Yes
Salt Lake City, UT	Watkins Dam Restoration	Cement-bentonite	70 feet deep, 2.5 feet wide	Yes	No
Beaumont, TX	Creosoting Facility Remediation	Soil-bentonite	50 feet deep	Yes	No
Greely, CO	Former Gravel Quarry	Soil-cement- bentonite	65 feet deep, 3 feet wide	No	No
Fort McMurray, Alberta, Canada Mine Tailings Pond		Soil-bentonite	100 feet deep, 3 feet wide	No	No

Reference: PolyMet Rock and Overburden Mgmt Plan – Attachment D: Degree of Use in the Industry

Permit Conditions on the Containment System

- **Over 7,000** total permit conditions
- PolyMet must construct a permeability cutoff wall keyed into bedrock, with collection and capable of removing collected water to the treatment system or tailings basin (5.175.54)
- PolyMet must maintain a system of paired monitoring wells and paired piezometers (5.175.67)
- PolyMet must maintain an inward hydraulic gradient across the containment system (5.175.68)
- If necessary, PolyMet must immediately commence mitigation measures (5.175.69), including:

Sampling	Pumping			
Inspection	Removal			
Assessment Repairs and Upgrades				
Implement Agency-approved adaptive management or mitigation measures				

Membrane Treatment — Best Available Water Treatment



Membrane Treatment at Eagle Mine: Proven Technology

- Eagle Mine uses reverse osmosis as their primary means of removal, chosen as the best available technology
- Opponents of Eagle Mine claimed it wouldn't work
- Eagle Mine has years of actual data showing successful removal of mercury

Membrane Treatment at Eagle Mine: Proven Technology



Water Management Will Reduce Mercury and Sulfate



Existing Conditions

Embarrass River



Partridge River

Project Operation

Embarrass River



Project Benefits

Band ignores key water management features

5.2 grams of mercury **removed** per year

1,380,000 kilograms of sulfate removed per year

Increases in mercury, sulfate, and specific conductance will not happen

Mercury

Sulfate

What Is a Nanogram?

A nanogram is **one-billionth** of a gram.

It is the equivalent of:

a one-pound bag of coffee



compared to

passengerplanes しししししししししし しししししししししい しししししししし ししし しししし ししししい ししし ļ ししし ししし しししし ししししし しし ししし ししし L ししし しししししし l ししし l l しししししし ししししししし いしししししし Dein ししししししし ししししししししししし にしししししししししし

* A Boeing 747 passenger plane weighs 404,600 pounds.

Clarifications on Wetland Drawdown



USGS Groundwater Model Expressly Not for Use with Specific Project



USGS Groundwater Model Expressly Not for Use with Specific Project

Groundwater/Surfac in the Partridge Biof Hypothetic

"These model scenarios were **not designed to predict effects from any specific future mine within the basin**; to do so would require a groundwater-flow model with detailed information about the proposed mine and calibration data near the mine."

– USGS Groundwater Model of Partridge River Basin, page 48 (2021)

Scientific Investigatio

U.S. Department of the Interior U.S. Geological Survey

USGS/GLIFWC Model

- Wetlands not robustly simulated
 - Groundwater drawdown ≠ Wetland water level decline
 - Groundwater drawdown likely overestimated because wetland infiltration limited
 - MODFLOW, by itself, is not an appropriate tool to assess wetland impacts

• Steady state: ignores storage

The "Crandon Method"?

- Process:
 - MODFLOW: groundwater drawdown contours to define wetland zones of potential impact
 - Crandon thick till sequence (not PolyMet)
 - Characterize wetlands including types (precipitation-vs. groundwater-dominated)
 - What effect on the water budget, vegetation type
 - Delay (multiple models, reviews)
 - No formal agreement on what impacts were; EIS never completed
- Technical part not that different than process followed by PolyMet
 - Data instead of model

Drawdown Impacts Are Likely to Be Limited

- Agreed: Drawdown impacts decrease with distance
- Issue was specifically considered and addressed during the FEIS
 - Precipitation-dominated wetlands : unimpacted \rightarrow low likelihood of impacts
 - Distance zones based on observed effects: Data > Model
- PolyMet mine would be in a much less permeable rock formation, adding conservativeness
- Predicted mine inflows (~1.1 cfs) are a very small percentage of the subwatershed water budget
 - MODFLOW is a good tool for estimating mine inflow, not for predicting wetland water levels

Drawdown Can Be Monitored (and Mitigated)

- Monitoring water levels is simple; unexpected wetland desaturation in large areas (as Band contends) could be detected in early stages of mine development
 - Not waiting until year 20
- Very high groundwater inflows to pit would also indicate potential need for mitigation measures
- These are not likely to be needed, but:
 - Mitigation measures are available to reduce groundwater inflows (and consequent drawdown)
 - Mitigation measures are available to reduce drawdown (add water)

$\begin{array}{l} \textbf{Reduce Sulfate} \rightarrow \textbf{Reduce} \\ \textbf{Methylmercury} \end{array}$



Sulfate Loading and Methylmercury Response: Reduce Sulfate Load, Then Methylmercury Reduced as Well



Sulfate Loading and Methylmercury Response: Reduce Sulfate Load, Then Methylmercury Reduced as Well

Existing Conditions Sulfate (mg/L)	Project in Operation (sulfate in WWTS discharge) (mg/L)	Change In Conc. (mg/L) (reduction)	hange In Conc. mg/L) duction)		Project in Operation MethyImercury Concentration (ng/L)	Change in methylmercury mass ^[2] (g/yr)
200	10	-190	30x	0.7	0.02	- 1,460
200	10	-190	30x	0.4	0.01	- 730
Total						- 2,190

[1] Highest measured methylmercury concentrations measured in Trimble Creek (0.7 ng/L) and Unnamed Creek (0.4 ng/L) north and west of the former LTVSMC tailings basin (Barr 2010)
 [2] Mass reduction based on flow of 2400 cfs for existing conditions and for Project in operation

Mass Balance



Mass Balance Approaches Are Technically Valid Tools to Explain Watershed Processes and Impacts

- Not a naïve approach
- A common tool used to explain watershed processes and environmental concentrations
- Used by numbers of researchers, including Dr. Branfireun
- Cross-media analysis
 - Addressed Band's concerns about atmospheric loading of sulfur from Project air emissions
 - Used air modeling, GoldSim, and mass balance calculations
 - Confirmed reduction in mercury and sulfate

Adaptive Water Management

Adaptive Water Management

- Systematic monitoring, modeling and review process to improve performance of the Project
- It is a proactive approach that anticipates uncertainty and variability by using flexible (adaptive) engineering controls and establishes processes for monitoring and responding to actual conditions
- PTM includes a condition requiring an adaptive water management plan designed such that "adaptive management systems can be implemented prior to reaching a water quality limit"
- This plan is also required by the NPDES and water appropriation permits

Certainty of Environmental Outcomes

- Certainty in environmental predictions is a false goal
- Make reasonable, often conservative, estimates of outcomes based on:
 - Data
 - Sound science
 - Engineering principles
 - Peer and agency review
- Be conservative for immediate-critical-risk items (factor of safety)
- Adaptive management = Identify a problem before it exists, and make adjustments to avoid negative consequences (e.g., water quality triggers before violations)

The Project will not violate any of the Band's water quality requirements.



Section 401(a)(2):

"If, within sixty days after receipt of such notification, such other State determines" that such discharge will affect the quality of its waters so as to violate any water quality requirements in such State, and within such sixty-day period notifies the Administrator and the licensing or permitting agency in writing of its objection to the issuance of such license or permit and requests a public hearing on such objection, the licensing or permitting agency shall hold such a hearing. The Administrator shall at such hearing submit his evaluation and recommendations with respect to any such objection to the licensing or permitting agency. Such agency, based upon the recommendations of such State, the Administrator, and upon any additional evidence, if any, presented to the agency at the hearing, shall condition such license or permit in such manner as may be necessary to insure compliance with applicable water quality requirements. If the imposition of conditions cannot insure such compliance such agency shall not issue such license or permit."

Steps in the Section 401(a)(2) Process

- 1. EPA is notified of a section 401 certification and permit application.
- 2. EPA can determine that the permitted discharges "may affect" a downstream jurisdiction's water quality.
- 3. The downstream jurisdiction can determine that the discharges "will affect the quality of its waters so as to violate any water quality requirements" and object to the permit.

Section 401(a)(2)

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... such discharge <u>will affect</u> the quality of its waters so as to violate any water quality requirements ...

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- 3. The downstream jurisdiction can determine that the discharges "will affect the quality of its waters so as to violate any water quality requirements" and object to the permit.
- 4. The federal permitting agency holds a public hearing on the objection, where it hears recommendations and evidence.

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- 3. The downstream jurisdiction can determine that the discharges "will affect the quality of its waters so as to violate any water quality requirements" and object to the permit.
- 4. The federal permitting agency holds a public hearing on the objection, where it hears recommendations and evidence.
- 5. The federal agency decides whether the discharges will violate the downstream jurisdiction's water quality requirements.

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- 4. The federal permitting agency holds a public hearing on the objection, where it hears recommendations and evidence.
- 5. The federal agency decides whether the discharges will violate the downstream jurisdiction's water quality requirements.
- 6. If the permitted discharges will violate downstream water quality requirements, the federal agency decides whether additional permit conditions can ensure compliance with those requirements.

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- 3. The downstream jurisdiction can determine that the discharges "will affect the quality of its waters so as to violate any water quality requirements" and object to the permit.
- 4. The federal permitting agency holds a public hearing on the objection, where it hears recommendations and evidence.
- 5. The federal agency decides whether the discharges will violate the downstream jurisdiction's water quality requirements.
- 6. If the permitted discharges will violate downstream water quality requirements, the federal agency decides whether additional permit conditions can ensure compliance with those requirements.

Jon Cherry, P.E., Chairman and CEO





401(a)(2) Hearing

May 4, 2022

Rebuttal Presentation