1	IN THE SUPREME COURT OF THE UNITED STATES						
2	x						
3	COEUR ALASKA, INC., :						
4	Petitioner :						
5	v. : No. 07-984						
6	SOUTHEAST ALASKA :						
7	CONSERVATION COUNCIL, ET :						
8	AL.; :						
9	x						
10	and						
11	x						
12	alaska, :						
13	Petitioner :						
14	v. : No. 07-990						
15	SOUTHEAST ALASKA :						
16	CONSERVATION COUNCIL, ET AL. :						
17	x						
18	Washington, D.C.						
19	Monday, January 12, 2009						
20	The above-entitled matter came on for						
21	oral argument before the Supreme Court of the United						
22	States at 10:04 a.m.						
23	APPEARANCES:						
24	GEN. GREGORY G. GARRE, ESQ., Solicitor General,						
25	Department of Justice, Washington, D.C.; on behalf of						

1	federal respondents, in support of the Petitioners.
2	THEODORE B. OLSON, ESQ., Washington, D.C.; on behalf of
3	the Petitioners.
4	THOMAS S. WALDO, ESQ., Juneau, Alaska; on behalf of the
5	Respondents.
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

1	CONTENTS	
2	ORAL ARGUMENT OF	PAGE
3	GEN. GREGORY G. GARRE, ESQ.	
4	On behalf of federal respondents, in	
5	support of the Petitioners	4
6	THEODORE B. OLSON, ESQ.	
7	On behalf of the Petitioners	16
8	THOMAS S. WALDO, ESQ.	
9	On behalf of the Respondents	27
10	REBUTTAL ARGUMENT OF	
11	THEODORE B. OLSON, ESQ.	
12	On behalf of the Petitioners	55
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

1	PROCEEDINGS
2	(10:04 a.m.)
3	CHIEF JUSTICE ROBERTS: We will hear
4	argument first this morning in Case 07-984, Coeur Alaska
5	v. The Southeast Alaska Conservation Council, and Case
6	07-990, Alaska v. The Southeast Alaska Conservation
7	Council.
8	General Garre.
9	ORAL ARGUMENT OF GEN. GREGORY G. GARRE
LO	ON BEHALF OF FEDERAL RESPONDENTS,
L1	IN SUPPORT OF THE PETITIONERS
L2	GENERAL GARRE: Thank you,
L3	Mr. Chief Justice, and may it please the Court:
L4	The expert agencies charged by Congress with
L5	implementing the Clean Water Act have concluded that the
L6	discharge of fill material, like the mine tailings at
L7	issue in this case, should be permitted by the Army
L8	Corps of Engineers under section 404 of the Act, and are
L9	not are not subject to the effluent guidelines
20	applicable to permits issued by the EPA under section
21	402 of the Act.
22	That interpretation is grounded on more than
23	three decades of agency pronouncements and reflects the
24	collective judgment and expertise of the Army Corps of
25	Engineers and the EPA in administering the Act

- 1 JUSTICE KENNEDY: If the discharge comes
- 2 from a single pipe, is it always one or the other, or
- 3 can it ever be both fill and --
- 4 GENERAL GARRE: Justice Kennedy, it's always
- 5 one or the other. The Clean Water Act establishes two
- 6 permitting regimes. And I think this is actually
- 7 something where the parties agree. Either it's going to
- 8 be permitted under section 402 of the Act, which covers
- 9 pollutants generally but not the discharge of dredged
- 10 material, or fill material, which is covered by section
- 11 404 of the Act.
- 12 CHIEF JUSTICE ROBERTS: That's a legal
- 13 answer to Justice Kennedy's question. What is the
- 14 physical answer? Can a pipe both emit sludge, fill, and
- 15 effluent?
- 16 GENERAL GARRE: As a practical matter, for
- 17 example, if you take the slurry in this case, which is
- 18 55 percent solid by volume, there is going to be liquid
- 19 coming out of that pipe with the slurry, but under the
- 20 definition that the agencies administer of fill
- 21 material, this is fill material under that definition.
- JUSTICE SCALIA: Fill material trumps
- 23 effluent, in other words?
- 24 GENERAL GARRE: Fill material trumps
- 25 effluent. That's --

1	JUSTICE SOUTER: But it does here's the
2	problem that I am having and I think others may have.
3	We start, number one, with a definition, as I understand
4	it, of a pollutant that includes suspended solids.
5	Number two, there is an existing regulation to the
6	effect that wastewater from this particular method of
7	extracting gold shall simply not be released, shall not
8	be put into a water body. And then the two agencies
9	come along and in effect they say by regulation, if the
LO	suspended solid in effect comes out of a mine, or if the
L1	wastewater has got suspended solid in it, we are going
L2	to call it "fill" and leave it entirely to the Army
L3	Engineers under 404, subject to an EPA veto.
L4	And on the face of it, it sounds as though
L5	they are simply, number one, defining one one variant
L6	of pollution out of the EPA's jurisdiction, and, number
L7	two, with respect to the wastewater, in effect coming up
L8	with a contradictory determination about what should be
L9	done with it.
20	And it sounds as though, under the
21	Administrative Procedure Act, that with the statutory
22	and the regulatory regime on the one hand and this joint
23	regulation on the other, you've simply got a flat
24	contradiction, and query whether that can be anything
25	other than arbitrary and capricious under the APA. Will

- 1 you address that?
- 2 GENERAL GARRE: Sure, Justice Souter. First
- 3 of all, I those concerns really go to the definition of
- 4 "fill material," and I don't think that the Respondent
- 5 SEACC has squarely challenged that definition in this
- 6 case. And I would point you to two parts of the record.
- JUSTICE SOUTER: Well, let's assume -- and I
- 8 don't mean to cut you off there, but before you're done
- 9 -- I am at least raising it because I find it very
- 10 difficult to get a handle on this case without dealing
- 11 with that problem. So you may say, well, they didn't
- 12 raise it well enough, but I still want you to deal with
- 13 it on the merits.
- 14 GENERAL GARRE: Sure. And let me just point
- 15 to the two parts of the record: The JA at 541 note 12,
- 16 where the Ninth Circuit acknowledged they didn't
- 17 challenge it; and also I would point you to the
- 18 complaint, where the complaint is directed to the
- 19 permits and does not seek a determination that the Fill
- 20 Rule definition is arbitrary and capricious.
- 21 We think that that definition reflects the
- 22 settled understanding and expertise of both agencies,
- 23 the Army Corps of Engineers --
- 24 JUSTICE GINSBURG: How could it be settled,
- 25 because isn't it a fact that before 2002 if the primary

- 1 purpose was disposing of waste that the 402 permit
- 2 applied?
- 4 Justice Ginsburg. By "settled," I mean it was settled
- 5 in 2002. They adopted this rule.
- 6 JUSTICE GINSBURG: So it's not in 30 years'
- 7 experience, and when it was disposing of waste, it was
- 8 under 402 until 2002.
- 9 GENERAL GARRE: I think the EPA has always
- 10 adopted and applied an effects test for determining
- 11 whether or not a discharge is fill material --
- 12 JUSTICE GINSBURG: But in fact, was there
- ever a permit by the Corps of Engineers when the purpose
- 14 was disposal of waste? Was there ever a 404 permit,
- 15 rather than a 402, for disposal of what they call
- 16 "processed wastewater" or "wastewater"?
- 17 GENERAL GARRE: There was a period, of
- 18 course, Justice Ginsburg -- you are right -- where the
- 19 Army Corps of Engineers adopted a primary purpose test.
- 20 During that period -- you are right -- 404 permits were
- 21 not -- were not issued for the discharge of things where
- 22 the purpose was not to fill the lake; it was to dispose
- 23 of material.
- Now, during that period, though, those
- 25 discharges were not regulated under section 402 of the

- 1 Act and under Section 306, the effluent guidelines, but
- 2 for a different reason. The reason why that they
- 3 weren't regulated under 402 during that period is
- 4 because of the agencies' wastewater treatment exception,
- 5 which is found at 40 C.F.R. 122.2, where the agencies
- 6 excepted from the definition of the "waters of the
- 7 United States" discharges into an impoundment area.
- 8 And what you have going on here is the
- 9 discharge of fill material into an impoundment area,
- 10 which is dammed off with a 50-foot dam. Those
- 11 discharges, in this case, are governed by section 404 of
- 12 the Act. But any discharges from that impoundment area
- into downstream waters of the United States are subject
- 14 to section 402 of the Act -- there's a separate permit
- in this case -- and are subject to the effluent
- 16 quidelines and the new source performance standards.
- 17 So you have those two. The agencies have
- 18 come together. They've reconciled the statutory
- 19 regimes, and they have the 404 permit of dredged
- 20 material, material that's going to fill the bottom of
- 21 the lake, raise it by 50 feet, governed by section 404
- 22 of the Act. That impoundment area then is sealed off,
- 23 and any discharged material out of that impoundment area
- 24 into waters of the United States is going to be governed
- 25 by 402 and the separate effluent guidelines there. That

1 2 JUSTICE SOUTER: That's pretty cold comfort 3 when you treat as an impoundment area a natural lake. I 4 suppose if the -- if it's proper to do what they're 5 doing here, then the lake in the middle of the Everglades is an impoundment area, or a Great Salt Lake 6 7 is an impoundment area. 8 GENERAL GARRE: Well, any -- we're talking 9 about --10 JUSTICE SOUTER: This is a long way from a 11 settling pond. GENERAL GARRE: Well, let me address that in 12 13 two different ways: First of all, at the end of this 14 project, when the lake is going to be reclaimed, the 15 agencies determined that it's going to be 16 environmentally as sound, if not superior, for the 17 habitats in Alaska, fish and wildlife. So at the end of 18 the project, it is going to be --19 JUSTICE SOUTER: Yes, but what's that -what's that got to do with the definition of 20 21 "impoundment area"? My problem is that you are 22 treating -- the Corps is treating as an impoundment area 23 a whole natural lake as distinct from a settling basin.

specified disposal sites and what you have here, you are

GENERAL GARRE:

The statute refers to

24

25

- 1 right, is a lake. But it's impounded by a 50-foot dam.
- 2 The other part I wanted to point to is the section 404
- 3 guidelines are rigorous environmental guidelines that
- 4 address a number of different concerns, including the
- 5 quality of the water, the fish and wildlife habitat, and
- 6 at the end of that process you have got the EPA, which
- 7 has the right to exercise a veto over --
- 8 JUSTICE SOUTER: You keep saying they are
- 9 rigorous. My understanding is -- and I didn't think it
- 10 was seriously disputed here -- is that during the period
- in which the deposits are going to be made, the natural
- 12 life of this water body is going to be destroyed.
- 13 GENERAL GARRE: That's true.
- JUSTICE SOUTER: And the Corps comes along
- 15 and says, oh, when it's all over, it will come back.
- 16 But when you're destroying the entire living sort of
- 17 corpus of this lake, it seems to me that it's getting
- 18 more lenient to say that there are rigorous
- 19 environmental standards.
- 20 GENERAL GARRE: That's true, Justice Souter,
- 21 but it's important to keep in mind that the reason why
- 22 the lake -- the fish in the lake are not going to
- 23 survive is because of the fill effect of the material,
- 24 not because of any toxics put into the water.
- 25 JUSTICE SOUTER: No, but as I understand it,

- 1 and you correct me if I am wrong here, I thought
- 2 "suspended solids," I guess is the buzz word for it, is
- 3 a form of pollution. So you're saying, well, we're
- 4 destroying the fish with one form of pollution rather
- 5 than another form of pollution. And I don't know that
- 6 that advances the ball for your side.
- 7 GENERAL GARRE: Any time you have fill
- 8 material going into the waters of the United States --
- 9 of course, section 404 doesn't apply until you've got
- 10 fill material going into the waters of the United
- 11 States.
- 12 JUSTICE SOUTER: Yes, but this comes back to
- 13 my initial question. You are simply, or the Corps is
- 14 simply, defining what would otherwise be a pollutant,
- 15 suspended solids discharged into the water, by calling
- 16 it fill material. And it -- in effect it's defining one
- 17 subject of -- of discharge regulation right out of the
- 18 law of the United States by redefining it and saying,
- 19 oh, it doesn't exist if it's coming out of a mine.
- 20 GENERAL GARRE: I think what the agencies
- 21 have done to reconcile their definitions is to apply
- 22 this effects test. Now, if Coeur Alaska sought to fill
- 23 the entire lake --
- JUSTICE SOUTER: But to apply the effects
- 25 test, the legal effect, is it not, is to define one form

- 1 of pollution as no longer existent so long as that form
- 2 of pollution falls within the Corps of Engineers
- 3 definition of "fill."
- 4 GENERAL GARRE: I don't think that's
- 5 correct.
- 7 GENERAL GARRE: The legal effect is to
- 8 regulate that pollution under section 404.
- 9 JUSTICE ALITO: General Garre, I don't want
- 10 to take up your rebuttal time, but what's the
- 11 environmental alternative to what was done here?
- 12 GENERAL GARRE: The primary environmental
- 13 alternative considered was a dry tailings alternative.
- 14 And that would be been problematic in two different
- 15 ways. One, it would have required the destruction of
- 16 some 100 acres of wetlands; and two, it would have
- 17 resulted in enormous stacks of tailings, 100 to 200
- 18 high, thousands of feet wide, that would actually dwarf
- 19 the Pentagon and be visible from nearby Berners Bay.
- Now, the Army Corps of Engineers, the State
- 21 of Alaska, and the Forest Service determined that the
- 22 wet tailings option, putting the tailings into a lake,
- 23 and reclaiming that lake so that it would be
- 24 environmentally superior, was the preferable option.
- 25 I do want to emphasize that if this Court

- 1 has any doubt about the statutory text the regulatory
- 2 decisions here go back more than 30 years. In 1973 the
- 3 EPA adopted a rule that said that the discharge of fill
- 4 material is not regulated under the section 402
- 5 permitting system. In 2002, in the preamble to the fill
- 6 rule, the agency made clear again EPA has never
- 7 regulated the discharge of fill material under the
- 8 effluent guidelines.
- 9 JUSTICE GINSBURG: Weren't they then
- 10 thinking of fill material as material that was used
- 11 either to fill in, to reclaim land, or in a construction
- 12 project? I mean, to call filling a lake, to call that a
- 13 fill, when what it's doing is providing a disposal place
- 14 for a mining operation, it's not what one ordinarily
- 15 thinks of as a filling operation.
- 16 GENERAL GARRE: Not the Environmental
- 17 Protection Agency. The Environmental Protection Agency
- 18 since the passage of the Clean Water Act has taken the
- 19 position that discharge that has the effect of changing
- 20 the bottom elevation of a water is going to be fill.
- 21 And that makes sense as a practical matter. The
- 22 agencies with 30 years of experience determined that the
- 23 purpose definition that the Corps had adopted for a
- 24 period was unworkable, unpredictable and didn't make
- 25 sense. And I think that if there's any judgment that

- 1 the courts ought to defer to here, it's the judgment of
- 2 the agencies based on their collective experience as to
- 3 the proper definition of "fill material."
- 4 JUSTICE GINSBURG: There's one question that
- 5 Justice Souter raised and before you sit down I would
- 6 like to get your answer, and that is, can anything, any
- 7 water of the United States that the Corps of Engineers
- 8 decides is appropriate to be used as a disposal place,
- 9 can any waterway be a settling pond? That is, here we
- 10 have a lake. And is it just up to the Corps of
- 11 Engineers? They say this is a settling pond, it's a
- 12 settling pond?
- 13 GENERAL GARRE: I think as a practical
- 14 matter if you put discharge into a river and it may not
- 15 change the bottom elevation, that wouldn't be fill
- 16 material. But, Justice Ginsburg, there have been a
- 17 number of hypotheticals raised by Respondents here. Let
- 18 me address those. The section 404 process is a rigorous
- 19 environmental process, the EPA does have veto authority.
- 20 We haven't seen these problems at all in the six years
- 21 that the fill definition has been in place and I think
- 22 it's simply untenable to suggest that these standards,
- 23 which in section 4 require water quality determinations,
- 24 wildlife, aquatic determination, would result in the
- 25 sort of environmental harm that Respondents have

1	hypothesized,	and	the	prospect	of	that	harm	is	no	basis

- 2 for this Court to override the statutory scheme that
- 3 Congress created with two distinct permitting regimes,
- 4 one for fill material, one for other pollutants, and to
- 5 override the agency's pronouncements, interpretations
- for more than 30 years.
- 7 And the other agency document I wanted to
- 8 point to is very important. It's the 2004 mine tailings
- 9 memorandum, which is contained at JA-141 to 146. In
- 10 that memorandum, which is a 2004 memo by the heads of
- 11 the EPA water divisions, they explain the application of
- 12 the statutory and the regulatory scheme to these types
- 13 of discharges, discharges that fill material into the
- 14 impoundment is going to be subject to 404 and the
- 15 rigorous process there. Any discharges out of that
- 16 impoundment area is going to be subject to the rigorous
- 17 requirements of 402 and that agency interpretation is
- 18 entitled to deference.
- 19 CHIEF JUSTICE ROBERTS: Thank you, General.
- 20 GENERAL GARRE: Thank you, Your Honor.
- 21 CHIEF JUSTICE ROBERTS: Mr. Olson.
- 22 ORAL ARGUMENT OF THEODORE B. OLSON
- ON BEHALF OF THE PETITIONERS
- 24 MR. OLSON: Mr. Chief Justice and may it
- 25 please the Court: Let me reemphasize one point. The

- 1 Clean Water Act itself, Congress created two distinct,
- 2 mutually exclusive but complementary permitting regimes.
- 3 One is fill material, which is governed by, administered
- 4 by the Corps of Engineers. The other is "other, except
- 5 as permitted under section 404," administered by the
- 6 EPA.
- 7 A discharge, in answer to your question,
- 8 Justice Kennedy, may be governed by one program or the
- 9 other, not both. Everybody admits that, including the
- 10 Respondents.
- 11 The fill rule --
- 12 JUSTICE STEVENS: But doesn't the EPA have a
- 13 veto power over the fill material permit?
- MR. OLSON: Yes, it does, Justice Stevens.
- 15 JUSTICE STEVENS: So they're not totally
- 16 mutually exclusive.
- 17 MR. OLSON: It's mutually exclusive in terms
- 18 of the issuing agency, and I think that's a very
- 19 important point. We want to emphasize that, that the
- 20 rules pursuant to which the Corps of Engineers
- 21 administers the fill permit are the 404(b)(1) rules
- 22 which Congress specified to be enacted by the EPA. So
- 23 the rigorous rules governing the quality of the water
- 24 that's going to be affected by these fill permits are
- 25 established by the EPA.

1 Furthermore, the State is involved, the 2 fisheries departments are involved, the conservation area of the State of Alaska. Many different agencies 3 4 are involved in this permitting process. The permits in 5 this case followed 900 studies, the expenditure of \$26 million, an evaluation by the EPA, the Corps of 6 7 Engineers, the department of conservation of Alaska, 8 and, Justice Stevens' point, finally before the permit could be issued it had to go to the EPA and the EPA had 9 10 the power to veto the permit. 11 Now, Congress determined --12 CHIEF JUSTICE ROBERTS: Could they veto it 13 due to its failure to comply with effluent limitations? 14 MR. OLSON: No, they could not do that, 15 Justice -- Chief Justice Roberts, because the --16 Congress made a choice under sections 404 and 402. 17 Section 402, the EPA program, is governed by those 18 effluent limitations under 301 and 306 and standards of 19 performance. 20 Congress made a choice of applying section 21 307, which are toxic effluent limitations that apply to the 404 permits. That 307 regime which Congress 22 23 selected, which is also endorsed by the EPA in the rules 24 that the -- that the Corps must follow in administering 25 the permit -- that 307 provision to which I just

- 1 referred to is in the 404(b)(1) regime rules. So all of
- 2 this, the permitting process, which Congress made the
- 3 decision to put into two baskets: Either it's fill
- 4 material or it's except permits under --
- 5 JUSTICE KENNEDY: What happens if the
- 6 agencies disagree as to whether it's fill? If 404 says
- 7 it's fill, EPA says it isn't, can the EPA then veto it
- 8 on that ground?
- 9 MR. OLSON: The -- the -- yes. I -- I think
- 10 the answer to that is yes. But the better answer to
- 11 that, Justice Kennedy, is for a while, as -- as General
- 12 Garre pointed out, the EPA had a different concept of
- 13 what was fill than the Corps of Engineers. The EPA
- 14 right from the beginning said it would be the effect on
- 15 the -- on the water.
- 16 The Corps for a while had that definition.
- 17 Then it used a purpose test. Both agencies, the EPA and
- 18 the Army Corps of Engineers, agreed in 2002 that that
- 19 "purpose" definition of the word "fill" was not
- 20 workable. It was too subjective.
- 21 JUSTICE KENNEDY: But there are still going
- 22 to be cases, I would assume very close cases, even under
- 23 the present standard, where there could be disagreement.
- MR. OLSON: Well, there could be
- 25 disagreement, but I was just about to say that this rule

- 1 was jointly adopted by the Corps of Engineers and the
- 2 EPA in 2002. To the extent there is any ambiguity as to
- 3 what fill material is, both the Army Corps of Engineers
- 4 and the EPA agree that it includes slurry from mines.
- 5 So that --
- 6 JUSTICE GINSBURG: The definition that was
- 7 adopted, if I have it right, was the EPA definition.
- 8 That was the effect. And it was the Corps that had the
- 9 purpose test. And yet, until 2002, if I understand
- 10 correctly, if the only reason of raising the elevation
- 11 of the lake was to dispose of waste, you didn't get a
- 12 404 permit. That was not a 404 situation until 2002.
- MR. OLSON: That's -- that's -- except in
- 14 the early stage, as I understand it, the Corps and --
- 15 the Corps also used the "effects" test. Then there was
- 16 a period of time when it used a "purpose" test. The EPA
- 17 consistently used the -- the "effects" test. In --
- 18 JUSTICE GINSBURG: But in an application
- 19 that never included filling a lake, raising the
- 20 elevation of a lake simply for the purpose of disposing
- 21 of waste.
- 22 MR. OLSON: That's -- that's -- until that
- 23 point, that's correct, Justice Ginsburg. But the two
- 24 agencies that were involved in this process determined
- 25 that that was not a workable test. It didn't function

- 1 well. It allowed too much evasion and -- and
- 2 manipulation, and they both came together after long
- 3 studies and decided a reasonable interpretation that was
- 4 effective, consistent, and workable.
- 5 Under the Clean Water Act, both agencies
- 6 came together and decided that the definition included
- 7 the placement of overburden, slurry, tailings, or
- 8 similar mining-related materials.
- 9 Now, to the extent there is any ambiguity in
- 10 the statute, this is the reasoned judgment, notice-and-
- 11 comment rulemaking by the two agencies given
- 12 responsibility.
- 13 JUSTICE BREYER: I -- I perhaps am missing
- 14 this. I -- this is in general what I don't understand,
- 15 how this works. My understanding is that under 404
- 16 something is "fill" -- they have a definition. And it's
- 17 "fill," among other things, if it changes the bottom
- 18 level of any portion of water in the United States. Is
- 19 that right?
- MR. OLSON: That's correct.
- 21 JUSTICE BREYER: And somewhere I have the
- 22 idea -- but I can't find it in the briefs now -- that it
- 23 has to raise the bottom level by 55 feet.
- 24 MR. OLSON: No, I don't -- that does not --
- 25 JUSTICE BREYER: There is some number of

- 1 feet.
- MR. OLSON: I don't know where you got that.
- 3 That is the result in this case.
- 4 JUSTICE BREYER: That's the result of this
- 5 case. But, anyway, it raises the level. I guess it has
- 6 to raise it some significant amount. All right. So
- 7 what happens in this situation?
- 8 Let us think of the worst pollutant you can
- 9 think of. Think of that. I don't know what it is.
- 10 Maybe it's saturated fat in potato chips, something
- 11 absolutely terrible.
- 12 MR. OLSON: Cholesterol.
- JUSTICE BREYER: All right. We are going to
- 14 think of that pollutant. And now let's suppose that
- 15 with the agreement of the Army Corps of Engineers a
- 16 company takes this pollutant, which is the worst one you
- 17 could think of, that the EPA would never let you go
- 18 within 50 feet of it, and they take it, and they fill a
- 19 lake with it up to the level of 55 feet, or 20 feet, or
- 20 whatever number of feet.
- I mean, it just can't be that simply because
- 22 they poured a lot of it in and it fills up the bottom of
- 23 the lake that suddenly the EPA can't regulate it any
- 24 more. Now, that -- that -- since that's so
- 25 counterintuitive, that all you have to do is take a

- 1 terrible pollutant and fill the bottom of the lake with
- 2 it and now it's up to the Army Corps of Engineers and
- 3 not up to the EPA -- that's so counterintuitive that I
- 4 assume I don't understand the statute, and you will
- 5 explain it to me.
- 6 MR. OLSON: Yes, I will, Justice Breyer. If
- 7 it's fill, the administrating, permitting agency is the
- 8 Army Corps of Engineers.
- JUSTICE BREYER: Uh-huh.
- 10 MR. OLSON: But in granting that permit, in
- 11 evaluating that permit, they must follow the 404(b)(1)
- 12 guidelines that were drafted and written by the EPA. So
- 13 that -- and EPA has all sorts of provisions. It can't
- 14 have an adverse effect on the water. There cannot be a
- 15 preferable environmental alternative. It must go
- 16 through the Marine Fisheries. It cannot contain that
- 17 toxic material that you are talking about, that worst
- 18 material in the world.
- 19 JUSTICE SCALIA: But it can contain it so
- 20 long as it is -- as it -- as it is not transitory.
- MR. OLSON: No --
- JUSTICE SCALIA: I mean, isn't it arguable
- 23 that the best place for -- for really toxic stuff is at
- 24 the bottom of a lake so long as it stays there and is
- 25 not carried --

- 1 MR. OLSON: That -- that may be, but the
- 2 Rule 404(b)(1) guidelines address both that point, and I
- 3 understand your point, too. But in -- on 11(a) of the
- 4 Government's brief the -- the 404(b)(1) guidelines are
- 5 set forth, and it includes a provision, number 2 on that
- 6 page, "violates any applicable toxic effluent standard
- 7 or prohibition under section 307 of the Act." So the
- 8 water quality is going to be regulated according to EPA
- 9 standards.
- 10 JUSTICE BREYER: It is identical. So it
- 11 doesn't make any difference.
- MR. OLSON: Pardon me?
- JUSTICE BREYER: I -- I heard you say before
- 14 that it was not identical. That -- I mean if, of
- 15 course, EPA takes all its regs and applies those regs
- 16 when the Army Corps of Engineers considers a permit
- 17 under 404 so that you couldn't get an Army Corps of
- 18 Engineers permit unless you complied with the 402
- 19 etcetera regs, then this all could come to nothing.
- 20 MR. OLSON: Every -- every --
- 21 JUSTICE BREYER: So there must be something
- 22 missing in that.
- MR. OLSON: Yes, there is.
- JUSTICE BREYER: What?
- MR. OLSON: The difference that a regulation

- 1 --
- 2 JUSTICE BREYER: What is the most important
- 3 thing that is missing?
- 4 MR. OLSON: The -- there is not -- it's --
- 5 it's -- the most important thing that is present is that
- 6 Congress decided that these regulations that the --
- 7 "fill" is different stuff. It was for a different -- it
- 8 had different consequences and should be regulated in a
- 9 different way. The definition --
- 10 JUSTICE BREYER: I think what might be
- 11 missing --
- 12 JUSTICE SCALIA: Is nontoxic covered by 402?
- MR. OLSON: Pardon me?
- 14 JUSTICE SCALIA: Nontoxic is covered by 402.
- 15 You -- you can violate the effluent guidelines by -- by
- 16 pouring into the waters of the United States even
- 17 nontoxic materials, isn't that right?
- MR. OLSON: Yes, yes.
- 19 JUSTICE SCALIA: And under 404 it'S only
- 20 toxic.
- 21 MR. OLSON: That's correct.
- JUSTICE SCALIA: And that's the big
- 23 difference.
- MR. OLSON: And -- and I'm going to
- 25 reserve the balance, if I might, for rebuttal. But let

- 1 me just say "pollutant" includes sand and rock. And
- 2 what's being put in this settling area, this lake, is
- 3 the sand, which is the same consistency of the bottom of
- 4 the lake. It's inert material. It does not changing
- 5 the chemical composition. It is not hurting the water
- 6 quality of the lake.
- 7 JUSTICE SOUTER: But it's going to kill
- 8 every living creature in the lake, right?
- 9 MR. OLSON: Putting sand or rocks --
- 10 JUSTICE SOUTER: Wait a minute. It is going
- 11 to kill everything in the lake.
- MR. OLSON: Yes, it is, Justice Souter.
- 13 Putting sand in the bottom of the lake is going to do
- 14 that. They are going to reintroduce the fish. It will
- 15 be a bigger lake with a better aquatic system when it's
- 16 finished. But, yes, you are correct, in the interim the
- 17 sand at the bottom of the lake will kill those fish.
- JUSTICE GINSBURG: And how do we know that
- 19 life will ever be restored? I mean, that's a guess.
- 20 Nobody knows.
- 21 MR. OLSON: It's a -- it's a condition for
- the permit, and every agency which examined this,
- 23 including the Fisheries Department, the -- the
- 24 conservation agencies of the State of Alaska -- and
- 25 specifically said in the administrative record that

- 1 under the worst-case scenario they believe that all of
- 2 that is going to take place, and there will be more fish
- 3 in a bigger lake and more livable living conditions for
- 4 the fish and aquatic life after this process is
- 5 finished.
- 6 CHIEF JUSTICE ROBERTS: Thank you, Mr.
- 7 Olson.
- 8 Mr. Waldo.
- 9 ORAL ARGUMENT OF THOMAS S. WALDO
- 10 ON BEHALF OF THE RESPONDENTS
- 11 MR. WALDO: Mr. Chief Justice, and may it
- 12 please the Court:
- In section 306(e), Congress enacted an
- 14 unqualified prohibition against operating any new source
- 15 in violation of any standard of performance applicable
- 16 to the source. The standard of performance at issue in
- 17 this case is applicable on its face to the formula at
- 18 the Kensington mine. It says there shall be no
- 19 discharge of processed wastewater into navigable waters
- 20 from mills that use the froth-flotation process.
- 21 CHIEF JUSTICE ROBERTS: Of course, the
- 22 provision that authorizes permits begins by saying
- 23 "Except as provided in sections 1328 and 1344," and 1344
- 24 is 404. So why doesn't that just take the 404 regime
- 25 completely out of what you were just talking about?

- 1 MR. WALDO: Because that's only a statement
- 2 about whether section 402 applies. It means that if you
- 3 have a section 404 permit, you don't also need a section
- 4 402 permit. It doesn't say anything about whether a 404
- 5 permit is appropriate under any particular
- 6 circumstances, and it doesn't say anything about whether
- 7 section 306 is applicable. In fact --
- 8 JUSTICE ALITO: The standard has to be --
- 9 the standard has to be applicable and this is an EPA
- 10 regulation, isn't it?
- MR. WALDO: Yes.
- 12 JUSTICE ALITO: And the EPA has said this
- isn't applicable to this situation.
- MR. WALDO: But that determination was based
- 15 on a misinterpretation of the Clean Water Act. That
- 16 prefatory clause that the Chief Justice was asking about
- 17 doesn't say anything about whether section 306 applies.
- 18 306 does not have a prefatory clause like that, which
- 19 strongly suggests that it's not intended to apply there.
- 20 In other --
- 21 JUSTICE ALITO: So your position requires us
- 22 to determine that EPA's interpretation of those, the
- 23 statutory regime that you are talking about, 306 and
- 24 402, is contrary to the statute?
- 25 MR. WALDO: That the interpretation as it's

- 1 presented in this case is contrary to the statute.
- 2 JUSTICE SCALIA: If EPA were to amend the
- 3 performance standard to say that it doesn't apply in the
- 4 situation in which the fill rule applies, would that be
- 5 a valid regulation?
- 6 MR. WALDO: Well, I doubt that EPA could --
- 7 could lawfully under the Clean Water Act enact such a
- 8 thing, because the Clean Water Act requires EPA to
- 9 regulate suspended solids and EPA has always regulated
- 10 suspended solids through effluent limitations.
- 11 JUSTICE SCALIA: Could the -- could the EPA
- 12 allow a point source to discharge sand slurry -- there's
- 13 nothing in it but sand -- into a river? Wouldn't you
- 14 have to -- wouldn't you need some permission from the
- 15 EPA to do that? Wouldn't that violate the Act?
- 16 MR. WALDO: If it -- I'm sorry, so it --
- 17 JUSTICE SCALIA: I want to discharge. I
- 18 have a pipe and there is sand on my land which is being
- 19 washed away. I'm discharging all that sand into a
- 20 river.
- MR. WALDO: Yes --
- 22 JUSTICE SCALIA: Would that violate --
- MR. WALDO: That's a discharge of a
- 24 pollutant, that's correct.
- 25 JUSTICE SCALIA: Discharge of a pollutant.

- 1 MR. WALDO: Yes. And so --
- 2 JUSTICE SCALIA: Now, if I do the same thing
- 3 in a lake, because I want to fill the lake, of what
- 4 possible application is the fill standard unless it
- 5 permits what would otherwise be prohibited under --
- 6 under the earlier sections?
- 7 MR. WALDO: Well, the Corps of Engineers has
- 8 the authority under section 404 to grant fill material
- 9 permits --
- 10 JUSTICE SCALIA: Even though it violates
- 11 effluent standards.
- MR. WALDO: No, not when it violates
- 13 effluent standards.
- JUSTICE SCALIA: But you say -- you say that
- 15 if you discharge sand into -- into a river it violates
- 16 effluent standards.
- MR. WALDO: Oh, that doesn't -- oh, I'm
- 18 sorry. I didn't understand that part of your question.
- 19 Yes, if -- if there is an effluent limitation for a
- 20 particular source -- remember, effluent limitations are
- 21 adopted for industrial sources, so you would have to
- 22 look at what the source of that discharge was.
- 23 And if EPA had identified that source, a
- 24 particular kind of factory of some kind, a mill, you
- 25 know, a leather tanning facility or something like that,

- 1 if EPA had adopted effluent limitations that were
- 2 applicable to that source, then discharges have to
- 3 comply with those effluent limitations.
- 4 It's important to realize here that the
- 5 Clean Water Act, contrary to the way the Petitioners try
- 6 to present it, is not just one big permitting statute.
- 7 It's not simply 402 and 404 and that determines
- 8 everything. The effluent limitations under sections 301
- 9 and 306 have independent applicability directly to
- 10 discharges. They are separately enforceable by EPA and
- 11 through citizens.
- 12 CHIEF JUSTICE ROBERTS: The discharges we
- 13 are talking about have to be discharges of effluent,
- 14 right?
- 15 MR. WALDO: Something that is governed by an
- 16 effluent limitation, yes.
- 17 CHIEF JUSTICE ROBERTS: My question is, does
- 18 it apply to solids?
- 19 MR. WALDO: Absolutely. EPA is required in
- 20 the Clean Water Act to regulate suspended solids through
- 21 effluent limitations.
- 22 CHIEF JUSTICE ROBERTS: Well, I guess, I
- 23 mean, does suspended solids mean there is some liquid
- 24 involved?
- MR. WALDO: That implies some liquid, right;

- 1 that -- that the solids are present in the liquid, like
- 2 the discharge here.
- 3 CHIEF JUSTICE ROBERTS: Like the discharge
- 4 here. Now, I think Mr. Olson said these are 55 percent
- 5 solid by volume.
- 6 MR. WALDO: By weight. By volume it is 30
- 7 percent solids.
- 8 CHIEF JUSTICE ROBERTS: Is there a point at
- 9 which it's proper to speak of it as a solid rather than
- 10 a suspended solid? I mean, 90 percent by weight or by
- 11 volume, whichever it is, solid?
- MR. WALDO: Well, the standard in this case
- 13 prohibits a discharge of processed wastewater.
- 14 CHIEF JUSTICE ROBERTS: Right.
- MR. WALDO: And so, it --
- 16 CHIEF JUSTICE ROBERTS: You wouldn't think
- 17 something that's 90 percent solid is wastewater?
- 18 MR. WALDO: There might be some point at
- 19 which the liquid content of a solid waste is so small
- 20 that EPA wouldn't regard it as processed wastewater
- 21 anymore. But that's not the case here. In this case,
- there is no dispute that the discharge is processed
- 23 wastewater. The government has conceded that point.
- 24 And -- and it's extremely important, because
- 25 EPA is required to, as I said, regulate suspended solids

- 1 through effluent limitations and to adopt a zero --
- 2 CHIEF JUSTICE ROBERTS: So if they were just
- 3 putting whatever it is that doesn't have any water,
- 4 concrete, into this lake, then you agree that it would
- 5 be just the Corps of Engineers through the fill -- fill
- 6 provisions that would govern that?
- 7 MR. WALDO: As long as there is no effluent
- 8 limitation governing it, yes.
- 9 CHIEF JUSTICE ROBERTS: And so, if they chop
- 10 up the concrete and put a little water in so that it's
- 11 easier to move, then all of a sudden it comes under 402
- 12 and the EPA's jurisdiction?
- MR. WALDO: It depends on if EPA has adopted
- 14 an effluent limitation for it. So if that waste stream
- 15 that you are describing comes from some kind of factory,
- 16 concrete -- for example, cement manufacturing is a
- 17 source category that EPA --
- 18 CHIEF JUSTICE ROBERTS: I quess I'm just
- 19 curious how that makes any sense, since we are talking
- 20 about putting something into water. I mean, does it
- 21 really matter whether you add the water before it goes
- 22 into the lake or just the lake adds the water when you
- 23 put in the solid?
- MR. WALDO: EPA --
- 25 CHIEF JUSTICE ROBERT: Either way, I guess

- 1 your friends on the other side would argue, I assume,
- 2 that it's properly regarded as fill material, because
- 3 that is the effect of it, rather than as effluent
- 4 subject to 402.
- 5 MR. WALDO: EPA has always regulated
- 6 industrial sources that -- whose raw processed
- 7 wastewater contains high levels of suspended solids,
- 8 high enough that it would have the effect of fill
- 9 material and can be considered fill. In fact -- and, in
- 10 fact, EPA has always had a definition of fill material
- 11 that was based on the effects.
- 12 So for more than 30 years, EPA has been
- 13 regulating sources like ore processing mills, cement
- 14 manufacturing plants, aluminum smelters, coal-fired
- 15 power plants, all of which and many more require the use
- of settling ponds to remove the solids.
- 17 JUSTICE KENNEDY: So do we decide -- we
- 18 decide this case on the assumption that this is fill?
- 19 Do you agree that this is fill?
- 20 MR. WALDO: It's both. It's fill material
- 21 and it's processed wastewater that is subject to an
- 22 effluent limitation.
- JUSTICE KENNEDY: Well, then the question
- 24 that we've put earlier is whether or not a single pipe
- 25 contained both, and you say that it can contain both.

- 1 MR. WALDO: Well, it's -- it's one slurry.
- 2 It meets both definitions. The solids are part of the
- 3 processed wastewater.
- JUSTICE KENNEDY: It's one -- visibly, it's
- 5 one stream, but you say it consists of two things.
- 6 MR. WALDO: Well, it is -- it is a slurry
- 7 that contains water, chemicals --
- 8 JUSTICE KENNEDY: Is it both slurry -- is it
- 9 both fill and non-fill?
- 10 MR. WALDO: It's -- it's fill and it's
- 11 processed wastewater.
- 12 JUSTICE ALITO: Well, if it's both -- do you
- 13 agree that there can be only one permit; there can't be
- 14 a 402 and a 404 permit?
- 15 MR. WALDO: No. In this case there can't be
- 16 any permit because there is a new source performance
- 17 standard that prohibits --
- 18 JUSTICE ALITO: All right. So, let's change
- 19 that. What if the -- what if the new source performance
- 20 standard was not a total prohibition? What if there was
- 21 an effluent limitation in there, so that a permit could
- 22 be issued, provided that there was compliance with the
- 23 effluent limitation? Now, who issues the permit? And I
- 24 repeat, I understand it's your position that there can't
- 25 be both a 402 and a 404 permit.

- 1 MR. WALDO: If there is an effluent
- 2 limitation applicable, it will end up having to be EPA
- 3 that issues the permit, and that's -- that's simply
- 4 because the Corps of Engineers just doesn't have the
- 5 tools available to apply effluent limitations in its 404
- 6 permits, except for toxic substances.
- 7 JUSTICE ALITO: Where do you find that in
- 8 the statute?
- 9 MR. WALDO: Well --
- 10 JUSTICE ALITO: Where there's a situation
- 11 where possibly there could be a 402 and a 404 permit,
- 12 the 402 permit trumps the 404 permit?
- MR. WALDO: Well, it's just that -- where we
- 14 find that is in section 306(e), which says -- which is a
- 15 prohibition against offering -- operating sources in
- 16 violation of performance standards. And here --
- 17 JUSTICE ALITO: This wouldn't be an
- 18 operation in violation of a performance standard. There
- 19 would be a performance standard.
- 20 MR. WALDO: The performance standard that
- 21 says --
- 22 JUSTICE ALITO: That can be put into a 402
- 23 permit.
- MR. WALDO: Oh, I see what you are saying.
- 25 Yeah. Well, even -- the -- what the problem is is that

- 1 section 404 doesn't make any provision for application
- 2 of effluent limitations and performance standards under
- 3 sections 301 and 306.
- 4 JUSTICE ALITO: And 402 doesn't make any
- 5 application for -- for the 404 regulations.
- 6 MR. WALDO: Yeah, that's correct. But it
- 7 does provide the tool for EPA to apply those effluent
- 8 limitations that you were asking about. The effluent
- 9 limitations have to be complied with, and EPA is the
- 10 agency under section --
- 11 JUSTICE ALITO: Where does it make the --
- 12 where does it make provision for application of the
- 13 standards that should apply to fill under 404?
- MR. WALDO: Well, those standards apply if
- 15 you have fill material that is not subject to some
- 16 effluent limitation. Effluent limitations are only
- 17 adopted for industrial sources --
- 18 JUSTICE ALITO: Where does the statute say
- 19 that?
- MR. WALDO: Where does it say -- I'm sorry.
- 21 Could you clarify the question?
- JUSTICE ALITO: Where does it say that? You
- 23 say that there can't be two permits and you say 402
- 24 trumps 404. And I'm asking where in the statute does it
- 25 say that?

- 1 MR. WALDO: It is an absence of a provision 2 in 404, but -- but the thing is, even if 404 has -- even if the Corps of Engineers -- and I should say, we agree 3 4 with the Government and with the agencies about this. 5 The agencies have never interpreted section 404 to provide for the application of effluent limitations in 6 7 404 permits. The 404(b) quidelines don't provide for 8 it; it's not provided in the statute. And so, they just don't have the ability to do it. 9 10 The problem is, they try to carry that a 11 step farther and take that absence of provision to say 12 that it's an exception from effluent limitations, to say 13 that they don't have to comply with section 301 and 306, 14 but it doesn't say that; and that's an implied 15 exception, and the Court should only find an implied 16 exception if it's necessary to avoid absurd results. 17 JUSTICE BREYER: Could you go --18 MR. WALDO: No one --19 JUSTICE BREYER: Excuse me. Could you go back for a second to my discussion with Mr. Olson? I'm 20
- 22 terms is, I think of a pipe and I think of a

21

23 circumstance where some terrible pollutant comes out of

thinking of it in very simplified terms. The simplified

- 24 the pipe that would be subject to 306; and if the pipe
- 25 goes up in a river or a lake, a regular lake, it could

- 1 fill up the bottom. Seems possible.
- 2 MR. WALDO: Yes.
- JUSTICE BREYER: All right. So if it fills
- 4 up the bottom, it's called fill and comes under 404.
- 5 MR. WALDO: It doesn't even have to fill it
- 6 up very much --
- JUSTICE BREYER: Yes, I know, I know that.
- 8 I see the point. But I mean, it seems to me if it fills
- 9 up to the bottom to whatever point, it's fill, and now
- 10 it's the Army Corps of Engineers. If it has effluent in
- 11 it, it's effluent and so now it's under EPA. In other
- 12 words, you have both.
- MR. WALDO: That's the situation.
- 14 JUSTICE BREYER: It's only been going on for
- 15 40 years. I'm sure this isn't the first time they've
- 16 had both.
- 17 MR. WALDO: That's exactly right.
- 18 JUSTICE BREYER: And -- and so I don't
- 19 understand. What I would think of is if you have two
- 20 sets of standards and it's both, they should satisfy
- 21 both. I'm not writing these statutes.
- MR. WALDO: Well, let me -- I think --
- JUSTICE BREYER: Now, I heard from -- and I
- 24 might interpret Mr. Olson -- he may not have really said
- 25 this, but the way I heard it was: Well, don't worry,

- 1 because if it's fill and you get it over to the Corps of
- 2 Engineers, they are going to apply the effluent standard
- 3 anyway. And now you are sort of saying: Well, or they
- 4 are going to apply some standard. And then there was a
- 5 question of well, what standard, and we got a little
- 6 vague there.
- Now, what happens if it goes to the EPA as
- 8 effluent? Justice Alito's question is, well, do they
- 9 apply the fill standard? And between my response to
- 10 these two answers, I still don't understand how it
- 11 works. It's -- help me.
- MR. WALDO: The Corps of Engineers only
- 13 applies toxic effluent limitations. There are other
- 14 pollutants that are nontoxic --
- 15 JUSTICE BREYER: Okay. So now, if you lose
- 16 this case, what we are going to have is all the fish are
- 17 going to be killed by some horrible pollutant, and the
- 18 -- the Army Corps of Engineers can't do anything about
- 19 it, and the only reason is we put enough of the
- 20 pollutant in there to fill it up to ten feet from the
- 21 bottom. And then if you did it the other way, if the
- 22 EPA regulated it, it might do something terrible under
- 23 404, and they couldn't do anything about it.
- Now it's very hard for me to believe that
- 25 that's really how these agencies have been operating for

- 1 40 years.
- 2 MR. WALDO: Well, that's not; and let me
- 3 explain how they have been operating, because I think
- 4 that will help clarify it. For 40 years EPA has
- 5 regulated sources like ore processing mills, aluminum
- 6 smelters, others that I have named, others that are
- 7 listed in our brief, and has applied effluent
- 8 limitations to those discharges. Now, you hear --
- 9 CHIEF JUSTICE ROBERTS: Even when they --
- 10 even fill -- even when they fill a lake?
- 11 MR. WALDO: Yes, absolutely -- and let me
- 12 explain that, because you hear this statement a lot:
- 13 "EPA never regulates fill material." Well, that's
- 14 because when you apply the effluent limitations, it's
- 15 not fill material anymore.
- 16 The effluent limitations require the use of
- 17 settling ponds that are not in navigable waters. The
- 18 settling ponds or other technologies remove almost all
- 19 of the solids so that the discharge that is permitted by
- 20 EPA in the section 402 permit might have a limitation of
- 21 20 or 30 milligrams per liter, something that wouldn't
- 22 have a measurable filling effect on the receiving water
- 23 body.
- 24 CHIEF JUSTICE ROBERTS: So when EPA
- 25 regulates has regulated these for 40 years, which I

- 1 assume is up until 2002, then it's -- it's because they
- 2 don't go into lakes; it's because they go into settling
- 3 ponds?
- 4 MR. WALDO: Settling ponds.
- 5 CHIEF JUSTICE ROBERTS: Which are not
- 6 navigable waters of the United States.
- 7 MR. WALDO: Exactly.
- 8 CHIEF JUSTICE ROBERTS: So the new
- 9 regulation says the EPA does not regulate it when it
- 10 goes into -- I can understand why the Army Corps of
- 11 Engineers doesn't care if it's an impoundment pond or a
- 12 settling pond, but they do care when it's a lake.
- MR. WALDO: When they adopted the new
- 14 regulation, they were very clear that they intended to
- 15 continue their past practice. The agencies never stated
- 16 an intent to repeal or modify or change the
- 17 applicability of any effluent limitations, and in fact
- 18 this question came up repeatedly: What happens if it's
- 19 fill material but it's subject to an effluent
- 20 limitation; and every time they addressed it, they said
- 21 the same thing. Effluent limitations will continue to
- 22 apply and will be applied through section 402 permits.
- 23 CHIEF JUSTICE ROBERTS: To fill material as
- 24 defined in the 2002 regulation?
- MR. WALDO: That's what it's all about, yes.

- 1 That's what they were talking about. That was addressed
- 2 over and over again in the -- in the Fill Rule, and they
- 3 never --
- 4 CHIEF JUSTICE ROBERTS: Which, which, which
- 5 -- I'm sorry, which Fill Rule?
- 6 MR. WALDO: The -- I'm talking about the
- 7 Federal Register preamble and the --
- 8 CHIEF JUSTICE ROBERTS: Yes. You are
- 9 talking about the preamble. I'm looking at the
- 10 definition of fill material in -- whatever -- it's
- 11 reproduced at page 7a and 8a of the government's brief.
- MR. WALDO: Right.
- 13 CHIEF JUSTICE ROBERTS: The -- definition --
- 14 MR. WALDO: The definition of fill material
- 15 is simply a definition. By itself it doesn't have any
- 16 operative effect. It doesn't -- it doesn't authorize
- 17 any particular kinds of discharges.
- 18 JUSTICE SCALIA: Yes, but -- but do you have
- 19 a -- a case over these 40 years where a company was
- 20 trying to use the emission from the mine as a fill
- 21 material in a lake rather than in a settling pond, and
- 22 where the EPA, despite the fact that it was using it to
- 23 fill a lake, applied its effluent standards?
- MR. WALDO: No, it's been permitted --
- 25 prohibited.

Т	JUSTICE SCALIA: Well, then
2	MR. WALDO: It's been prohibited. It's
3	illegal for EPA to permit the discharge of the processed
4	wastewater
5	JUSTICE SCALIA: Evidently not. I mean, the
6	EPA says not. Do you have a an instance where it was
7	prohibited where a company wanted to to emit fill
8	material into a lake and the EPA said no, you can't do
9	it, because of the effluent limitations?
LO	MR. WALDO: Well, if any I don't know if
L1	anyone ever asked to do that, but if they did the answer
L2	would have been no. I can't come up with an answer
L3	because that's what the effluent limitations require.
L4	JUSTICE SCALIA: But your your 40 years
L5	of experience then really don't don't cover this
L6	case. People have been putting it into settling ponds.
L7	Let me ask you another question. The other
L8	side says that the alternative to this would be even
L9	worse, or it sounds worse to me, anyway. What what
20	is your solution, closing down the mine? Is there
21	MR. WALDO: No, no, no. We we agree with
22	EPA on this point. There is a different of opinion
23	between EPA and Corps of Engineers as to which was the
24	preferred site. EPA preferred the dry land disposal
25	site, and and we agree that has much less adverse

- 1 affect on the ecosystem.
- 2 JUSTICE GINSBURG: -- your description of
- 3 that effect? The other solution we were told would
- 4 involve filling in a vast expanse of wetlands and then
- 5 having these huge piles that could be seen by all the
- 6 tourist boats.
- 7 MR. WALDO: Yes, it has -- it does have
- 8 adverse impacts, that is, some; but in EPA's view and in
- 9 our view is not as bad as filling up a lake and killing
- 10 all the fish and aquatic life in the lake.
- 11 CHIEF JUSTICE ROBERTS: All the fish, there
- 12 are a thousand fish in this lake, right?
- MR. WALDO: Yes. Right.
- 14 CHIEF JUSTICE ROBERTS: And those aren't
- 15 endangered fish; there are millions of them somewhere
- 16 else, right?
- 17 MR. WALDO: That's right. But it's -- it's
- 18 also an important point for us here that this is a
- 19 national rule, and EPA considered these kind of
- 20 alternative land use requirements as an effect of its
- 21 no-discharge rule. When the -- EPA specifically
- 22 addressed the fact that if you prohibit discharges of
- 23 processed wastewater into navigable waters, it's going
- 24 to require using more land to dispose of all that solid
- 25 waste somewhere, and they determined that the benefits

- 1 of keeping processed wastewater out of the navigable
- 2 waters was worth it. And so it's both site-specifically
- 3 preferable, and it's a determination that was based
- 4 on --
- 5 JUSTICE ALITO: Wasn't there a decision in
- 6 the lower courts that the alternative was unacceptable
- 7 as well? And would you represent that if the case were
- 8 remanded, that would not be your position on remand?
- 9 MR. WALDO: Oh, we've already taken that
- 10 position, yes. We've been working -- we -- we were
- 11 working with the mining company after the Ninth Circuit
- 12 decision to identify --
- 13 JUSTICE ALITO: It was never your position
- 14 that that was unacceptable?
- MR. WALDO: I'm sorry?
- 16 JUSTICE ALITO: It was never your client's
- 17 position that creating these permanently destroyed
- 18 wetlands and creating a mound that was bigger than the
- 19 Pentagon was an unacceptable solution to the --
- MR. WALDO: I don't want to make any
- 21 representations about what a client may have said over
- 22 the last 20 years of this mine, but I can tell you that
- 23 we were working with the agencies and with Coeur to
- 24 identify an alternative site they -- or the Coeur
- 25 applied for the permits to do that, and pursuant to this

- 1 mediation we were having and then abruptly pulled out a
- 2 few weeks ago.
- 3 JUSTICE SCALIA: Why do you said the EPA
- 4 preferred the -- the solution of filling in the wetlands
- 5 and creating an ash Pentagon?
- 6 MR. WALDO: When -- when the Corps of
- 7 Engineers proposed the draft 404 permit, EPA commented
- 8 on it and said, we disagree with your conclusion that
- 9 filling up the lake is the least environmentally
- 10 dangerous.
- 11 JUSTICE SCALIA: Well, if it really felt
- 12 that way, couldn't it simply have vetoed the permit?
- MR. WALDO: Yes, EPA can veto --
- 14 JUSTICE SCALIA: So it couldn't have felt
- 15 very strongly about it.
- MR. WALDO: Well, EPA -- the veto authority
- 17 is a discretionary authority.
- 18 JUSTICE SCALIA: Right.
- 19 MR. WALDO: It's for unacceptable adverse
- 20 consequences. And for understandable reasons, EPA very
- 21 rarely exercises that authority. But EPA never changed
- 22 its position about whether the -- about which was the
- 23 preferred alternative. The EPA --
- 24 JUSTICE SCALIA: It couldn't have preferred
- 25 it very much, or it would have vetoed this one.

- 1 MR. WALDO: It -- apparently not enough to
- 2 come to the conclusion that it was one of those
- 3 situations where they wanted to veto based on
- 4 unacceptable adverse consequences.
- 5 CHIEF JUSTICE ROBERTS: Is there any aquatic
- 6 life in this lake other than a thousand fish?
- 7 MR. WALDO: Well, sure. There's
- 8 microinvertebrae and --
- 9 CHIEF JUSTICE ROBERTS: Microinvertebrae?
- 10 MR. WALDO: I mean, all sorts of the things
- 11 that fish feed on. Plant life and animal life, and all
- 12 that stuff.
- 13 JUSTICE SCALIA: Plankton and stuff.
- MR. WALDO: Yes. Whatever. I'm not an
- 15 expert on the ecology of this lake, but there is a
- 16 couple of different kinds of fish and other life that
- 17 make it possible for those fish to live there, and
- 18 essentially --
- 19 JUSTICE BREYER: Is it right --
- 20 MR. WALDO: -- it would all be destroyed.
- 21 JUSTICE BREYER: Is it right -- now, I am
- 22 back on my hobby horse -- but is it right that this
- 23 slurry is pushing into this lake 50 feet or 75 feet
- 24 covering the bottom with some stuff? A lot of it's
- 25 dirt, and some of it's the worst chemical ever, except

- 1 it's not toxic? Okay. I guess cyanide isn't toxic.
- 2 But the -- the -- now I just heard that if
- 3 the EPA doesn't give the permit, but the Corps of
- 4 Engineers does, the EPA has the power to veto the
- 5 permit. Is that right?
- 6 MR. WALDO: EPA can veto for unacceptable
- 7 adverse consequences. It's not a way to enforce
- 8 effluent limitations.
- JUSTICE BREYER: Why not? If they have a
- 10 veto power --
- MR. WALDO: Because that's all 404(c) says.
- 12 JUSTICE BREYER: I know it comes under a
- 13 different statute, but in any instance where in fact
- 14 they see that some of their rules that they promulgate
- 15 are being violated and they think the Corps of Engineers
- 16 is not paying attention to those rules, they can veto
- 17 it.
- 18 MR. WALDO: Well, but then --
- 19 JUSTICE BREYER: If they don't veto it, then
- 20 that would be a way of reconciling these two things.
- 21 MR. WALDO: The -- the position that EPA has
- 22 taken in this case, unfortunately, is that, if the
- 23 discharge meets that definition of fill material, no
- 24 matter how bad the consequences are for water quality,
- 25 it's fill material, and it's therefore exempt from

- 1 effluent limitations --
- 2 JUSTICE BREYER: So couldn't they veto it?
- 3 MR. WALDO: Only if it was for adverse --
- 4 well, if they found adverse -- unacceptable adverse
- 5 consequences --
- 6 JUSTICE BREYER: And wouldn't an
- 7 unacceptable adverse consequence be that it puts all
- 8 this effluent into the water?
- 9 MR. WALDO: It's a different standard from
- 10 whether it violates an effluent limitation. That's all
- 11 I'm saying.
- 12 And I want to be clear that the effluent in
- this case, although it doesn't necessarily violate any
- 14 toxic pollutant effluent, it is toxic. It's toxic with
- 15 conventional pollutants. It has a pH of 10, which is
- 16 toxic to aquatic life. It's very high. It's about the
- 17 pH of ammonia, is what this slurry effluent is that's
- 18 being discharged in this case. And the --
- 19 JUSTICE ALITO: Isn't that the pH at the
- 20 point where it's discharged, and not the general pH in
- 21 the lake?
- MR. WALDO: It will dilute in the lake.
- 23 They are using the lake as their diluting settling pond.
- 24 That's right. They're using a navigable water body --
- 25 JUSTICE ALITO: What's the answer to the

- 1 question, when -- once it's released into the lake,
- 2 what's the pH of the lake as opposed to the --
- 3 MR. WALDO: Oh, it will dilute in the lake,
- 4 so it will revert to normal levels, but --
- 5 JUSTICE ALITO: Within how long?
- 6 MR. WALDO: Oh, I mean, that happens, you
- 7 know, in a -- some sort of a mixing zone just outside
- 8 the pipe. That happens pretty quickly.
- 9 Now, for the lake to recover --
- 10 JUSTICE ALITO: The pH that you just cited
- 11 was the pH --
- MR. WALDO: Of the slurry.
- 13 JUSTICE ALITO: -- just at the point of the
- 14 discharge?
- 15 MR. WALDO: Of the slurry. That's right.
- 16 And -- now I want to talk about this allegation that
- 17 it's like dumping wet sand in the lake. That's not true
- 18 at all. They tested the tailings sediment from this
- 19 discharge with two organisms, and with one of them, it
- 20 killed 95 percent of the organisms in the test, which is
- 21 way over the top for EPA's toxicity threshold. In the
- 22 other organism they had, it -- the organism survived,
- 23 but their reproduction rate was significantly reduced,
- 24 also meeting the toxicity test standards that EPA
- 25 establishes. So this --

- 1 CHIEF JUSTICE ROBERTS: Just to follow up,
- 2 that's the same point, though, that Justice Alito made:
- 3 You're testing that right as it comes out, not as it's
- 4 diluted in the lake.
- 5 MR. WALDO: No. No, Your Honor, that's not
- 6 right. That's what the solids -- that's the affect of
- 7 the solids, and that's why, as a result of that, they
- 8 established this rule that --
- 9 CHIEF JUSTICE ROBERTS: I'm sorry, I didn't
- 10 understand you. I thought you said that the toxicity in
- 11 the slurry was tested and killed 99 or whatever percent
- 12 of these invertebrates.
- 13 MR. WALDO: They took that slurry, they let
- 14 the solids settle down in the bottom, and then they
- 15 tested the solids for what effect it would have on some
- 16 fresh water organisms, because they were trying to
- 17 determine whether the lake would be able to recover from
- 18 depositing all these solids into the lake. And they
- 19 found that it had a very high toxicity level. And so
- 20 what they did to try to remedy that was require
- 21 depositing native vegetation on the top of all of that,
- 22 after the mine closes. And they are hoping that that
- 23 will have the effect of letting the lake recover. But
- 24 EPA concluded that it will take decades, if ever, before
- 25 the lake can recover from that.

1	So this is not some benign wet-sand kind of
2	discharge. It's a toxic slurry with a high pH level and
3	with effects that are going to last for decades. And if
4	EPA if section 404 is interpreted to allow these
5	kinds of discharges to be emitted exempt from effluent
6	limitations, it eviscerates key requirements of the
7	Clean Water Act. EPA is required to regulate sources of
8	this type through effluent limitations. EPA is required
9	to regulate the suspended solids through effluent
10	limitations from industrial sources like this. So
11	JUSTICE BREYER: If, in fact, you have this
12	mix, and it satisfies it goes to an effluent part and
13	a fill part, in your view, what if the statute says
14	both agencies regulate, they have to meet both, one or
15	the other? How does it work?
16	MR. WALDO: If there's an effluent
17	limitation, the effluent there's a performance
18	standard under section 306. The performance standard
19	must be complied with under section 306(e). And the
20	only way
21	JUSTICE KENNEDY: You say this is 404; it's
22	not 402
23	MR. WALDO: No.
24	JUSTICE KENNEDY: It is 306?

MR. WALDO: 404 is not appropriate here

25

- 1 because there is an effluent limitation. With fill
- 2 material --
- JUSTICE KENNEDY: But it is fill.
- 4 MR. WALDO: It's fill material, but it's not
- 5 fill material that is available for a section 404
- 6 permit. And EPA has always regulated discharges from
- 7 sources like this, that meet that definition of fill
- 8 material. EPA has had an effects-based definition of
- 9 fill material since virtually the beginning of the Clean
- 10 Water Act.
- 11 JUSTICE BREYER: So fill material is only
- 12 that material as to which no effluent standard applies?
- MR. WALDO: No, it's fill material. In this
- 14 case, it's fill material, but this fill material is not
- 15 eligible for a 404 permit.
- 16 JUSTICE BREYER: 404 material is material
- 17 such that it is fill material and there is no effluent
- 18 standard applicable?
- MR. WALDO: Yes, that's correct. And --
- JUSTICE ALITO: So, it's 95 percent solid,
- 21 but there's an effluent limitation, and your position is
- that there can't be a 404 permit; it has to be a 402
- 23 permit?
- 24 MR. WALDO: If it's covered -- if that
- 25 discharge is covered by an effluent limitation, yes,

- 1 that's correct. And I want to be clear about this
- 2 point, that EPA -- well, I guess my time is up.
- 3 CHIEF JUSTICE ROBERTS: Go ahead. Finish
- 4 your thought.
- 5 MR. WALDO: Okay. EPA amended its
- 6 regulations in 1979 specifically to recognize the fact
- 7 that some discharges of fill material are not eligible
- 8 for section 404 permits and require NPDES permits. At
- 9 that time, the regulations said you don't need an NPDES
- 10 permit if it's fill material. EPA amended that
- 11 regulation to say you don't need an NPDES permit if it's
- 12 fill material and it's subject to section 404 of the
- 13 Clean Water Act. And the purpose of that --
- 14 CHIEF JUSTICE ROBERTS: Thank you, Mr.
- 15 Waldo.
- MR. WALDO: Thank you.
- 17 CHIEF JUSTICE ROBERTS: Mr. Olson, you have
- 18 three minutes remaining.
- 19 REBUTTAL ARGUMENT OF THEODORE B. OLSON
- 20 ON BEHALF OF THE PETITIONERS
- 21 MR. OLSON: What the Respondents would wish
- 22 to do is to have this Court disagree with the agencies'
- 23 interpretation of the statutes which they administer,
- 24 their consistent interpretations of those statutes, and
- 25 the factual findings that a whole slew of agencies made

- 1 with respect to the subject matter of these permits.
- 2 The preamble of the 202 -- the 2002 fill
- 3 regulations specifically says -- this is 31,135 of
- 4 Federal Register Volume 67 -- EPA has never sought to
- 5 regulate fill material under effluent guidelines.
- 6 Never.
- 7 There was an agreement, a memorandum of
- 8 agreement between EPA and the Corps of Engineers in
- 9 1986. It is cited at the United States Government brief
- 10 at page 27. The EPA and the Corps agree -- and this is
- 11 in response to your question, Justice Breyer, and I
- 12 think something Justice Kennedy said and something
- 13 Justice Souter said with respect to what if there are
- 14 two things in the stream going into the water. Fill
- 15 material remains subject to 404 permitting even if they
- 16 occur in association with discharges meeting 402
- 17 criteria. That's the answer to that question. And the
- 18 -- and the EPA --
- 19 JUSTICE KENNEDY: But I thought -- I thought
- 20 your brother would say: But that does not respond to
- 21 306 effluent.
- MR. OLSON: 306 provisions in the statute
- are not made applicable to 404 permitting, and the
- 24 consistent regulatory history from 1973 -- and it's all
- 25 set out on page 27, or summarized on page 27 of the

- 1 government's brief -- are that 301 and 306 are not
- 2 applicable under the 404 process.
- And if there was any doubt at all, there is
- 4 a -- the so-called mine tailings memorandum at pages 141
- 5 through 145 of the joint appendix in which three top
- 6 officials of the EPA construe what they call the rules,
- 7 the regulations, and the statute. This is both
- 8 agencies. Under the plain regulation language of the
- 9 rule -- this is page 145a -- under the plain language of
- 10 the rule and the agency's interpretation of the
- 11 regulation in its preamble, the mine tailings that are
- 12 to be placed into an impoundment are covered by 404.
- 13 And it specifically addresses this --
- JUSTICE SOUTER: Why does that mean anything
- 15 more than you've got to get a 404 permit without
- 16 addressing the question whether you can get a 404 permit
- 17 if it has, in effect, the -- the -- if it has the
- 18 effects which are supposed to be regulated by the
- 19 effluent limitations?
- 20 MR. OLSON: That precise question,
- 21 Justice Souter, is addressed on pages 143, 144, and 145
- 22 of this memorandum from top officials of the EPA,
- 23 applicable to this particular mine and these particular
- 24 discharges --
- 25 JUSTICE SOUTER: Where is -- where is that

1	in the appendix?
2	MR. OLSON: That's on pages 141 through 145a
3	of the joint appendix.
4	JUSTICE STEVENS: But as I read that
5	sentence, Mr. Olson, it says they are subject to both
6	permitting.
7	MR. OLSON: No, it doesn't. It says with
8	due respect, Justice Stevens, it says on the bottom of
9	page 144: "As a result, the regulatory regime
10	applicable to the discharges under section 402," and so
11	forth. What I think one thing that
12	JUSTICE STEVENS: You are talking about the
13	last sentence on
14	MR. OLSON: There is a 402 permit in this
15	case, too there is a 404 permit with respect to material
16	going into the lake and a 402 permit for the material
17	coming out of the lake into the waters of the United
18	States.
19	CHIEF JUSTICE ROBERTS: Thank you, Mr.
20	Olson. The case is submitted.
21	(Whereupon, at 11:06 a.m., the case in the
22	above-entitled matter was submitted.)
23	

24

25

	l		l	l
A	adopted 8:5,10	36:17,22 37:4	56:23 57:2,23	asking 28:16
ability 38:9	8:19 14:3,23	37:11,18,22	58:10	37:8,24
able 52:17	20:1,7 30:21	46:5,13,16	application	association
above-entitled	31:1 33:13	50:19,25 51:5	16:11 20:18	56:16
1:20 58:22	37:17 42:13	51:10,13 52:2	30:4 37:1,5,12	assume 7:7
abruptly 47:1	advances 12:6	54:20	38:6	19:22 23:4
absence 38:1,11	adverse 23:14	Alito's 40:8	applied 8:2,10	34:1 42:1
absolutely 22:11	44:25 45:8	allegation 51:16	41:7 42:22	assumption
31:19 41:11	47:19 48:4	allow 29:12 53:4	43:23 46:25	34:18
absurd 38:16	49:7 50:3,4,4,7	allowed 21:1	applies 24:15	attention 49:16
acknowledged	affect 45:1 52:6	alternative	28:2,17 29:4	authority 15:19
7:16	agencies 4:14	13:11,13,13	40:13 54:12	30:8 47:16,17
acres 13:16	5:20 6:8 7:22	23:15 44:18	apply 12:9,21,24	47:21
Act 4:15,18,21	9:4,5,17 10:15	45:20 46:6,24	18:21 28:19	authorize 43:16
4:25 5:5,8,11	12:20 14:22	47:23	29:3 31:18	authorizes
6:21 9:1,12,14	15:2 18:3 19:6	aluminum 34:14	36:5 37:7,13	27:22
9:22 14:18	19:17 20:24	41:5	37:14 40:2,4,9	available 36:5
17:1 21:5 24:7	21:5,11 26:24	ambiguity 20:2	41:14 42:22	54:5
28:15 29:7,8	38:4,5 40:25	21:9	applying 18:20	avoid 38:16
29:15 31:5,20	42:15 46:23	amend 29:2	appropriate	a.m 1:22 4:2
53:7 54:10	53:14 55:22,25	amended 55:5	15:8 28:5	58:21
55:13	57:8	55:10	53:25	
add 33:21	agency 4:23	ammonia 50:17	aquatic 15:24	B
address 7:1	14:6,17,17	amount 22:6	26:15 27:4	B 2:2 3:6,11
10:12 11:4	16:7,17 17:18	animal 48:11	45:10 48:5	16:22 55:19
15:18 24:2	23:7 26:22	answer 5:13,14	50:16	back 11:15
addressed 42:20	37:10	15:6 17:7	arbitrary 6:25	12:12 14:2
43:1 45:22	agency's 16:5	19:10,10 44:11	7:20	38:20 48:22
57:21	57:10	44:12 50:25	area 9:7,9,12,22	bad 45:9 49:24
addresses 57:13	ago 47:2	56:17	9:23 10:3,6,7	balance 25:25
addressing	agree 5:7 20:4	answers 40:10	10:21,22 16:16	ball 12:6
57:16	33:4 34:19	anymore 32:21	18:3 26:2	based 15:2
adds 33:22	35:13 38:3	41:15	arguable 23:22	28:14 34:11
administer 5:20	44:21,25 56:10	anyway 22:5	argue 34:1	46:3 48:3
55:23	agreed 19:18	40:3 44:19	argument 1:21	basin 10:23
administered	agreement	APA 6:25	3:2,10 4:4,9	basis 16:1
17:3,5	22:15 56:7,8	apparently 48:1	16:22 27:9	baskets 19:3
administering	ahead 55:3	APPEARAN	55:19	Bay 13:19
4:25 18:24	AL 1:8,16	1:23	Army 4:17,24	beginning 19:14
administers	Alaska 1:3,6,12	appendix 57:5	6:12 7:23 8:19	54:9
17:21	1:15 2:4 4:4,5	58:1,3	13:20 19:18	begins 27:22
administrating	4:6,6 10:17	applicability	20:3 22:15	behalf 1:25 2:2
23:7	12:22 13:21	31:9 42:17	23:2,8 24:16	2:4 3:4,7,9,12
administrative	18:3,7 26:24	applicable 4:20	24:17 39:10	4:10 16:23
6:21 26:25	Alito 13:9 28:8	24:6 27:15,17	40:18 42:10	27:10 55:20
admits 17:9	28:12,21 35:12	28:7,9,13 31:2	ash 47:5	believe 27:1
adopt 33:1	35:18 36:7,10	36:2 54:18	asked 44:11	40:24
uuopi 33.1		-		

	1	1	 I	<u> </u>
benefits 45:25	carried 23:25	chop 33:9	43:19 44:7	consistent 21:4
benign 53:1	carry 38:10	Circuit 7:16	46:11	55:24 56:24
Berners 13:19	case 4:4,5,17	46:11	complaint 7:18	consistently
best 23:23	5:17 7:6,10	circumstance	7:18	20:17
better 19:10	9:11,15 18:5	38:23	complementary	consists 35:5
26:15	22:3,5 27:17	circumstances	17:2	construction
big 25:22 31:6	29:1 32:12,21	28:6	completely	14:11
bigger 26:15	32:21 34:18	cited 51:10 56:9	27:25	construe 57:6
27:3 46:18	35:15 40:16	citizens 31:11	compliance	contain 23:16,19
boats 45:6	43:19 44:16	clarify 37:21	35:22	34:25
body 6:8 11:12	46:7 49:22	41:4	complied 24:18	contained 16:9
41:23 50:24	50:13,18 54:14	clause 28:16,18	37:9 53:19	34:25
bottom 9:20	58:15,20,21	Clean 4:15 5:5	comply 18:13	contains 34:7
14:20 15:15	cases 19:22,22	14:18 17:1	31:3 38:13	35:7
21:17,23 22:22	category 33:17	21:5 28:15	composition	content 32:19
23:1,24 26:3	cement 33:16	29:7,8 31:5,20	26:5	continue 42:15
26:13,17 39:1	34:13	53:7 54:9	conceded 32:23	42:21
39:4,9 40:21	challenge 7:17	55:13	concept 19:12	contradiction
48:24 52:14	challenged 7:5	clear 14:6 42:14	concerns 7:3	6:24
58:8	change 15:15	50:12 55:1	11:4	contradictory
Breyer 21:13,21	35:18 42:16	client 46:21	concluded 4:15	6:18
21:25 22:4,13	changed 47:21	client's 46:16	52:24	contrary 28:24
23:6,9 24:10	changes 21:17	close 19:22	conclusion 47:8	29:1 31:5
24:13,21,24	changing 14:19	closes 52:22	48:2	conventional
25:2,10 38:17	26:4	closing 44:20	concrete 33:4,10	50:15
38:19 39:3,7	charged 4:14	coal-fired 34:14	33:16	Corps 4:18,24
39:14,18,23	chemical 26:5	Coeur 1:3 4:4	condition 26:21	7:23 8:13,19
40:15 48:19,21	48:25	12:22 46:23,24	conditions 27:3	10:22 11:14
49:9,12,19	chemicals 35:7	cold 10:2	Congress 4:14	12:13 13:2,20
50:2,6 53:11	Chief 4:3,13	collective 4:24	16:3 17:1,22	14:23 15:7,10
54:11,16 56:11	5:12 16:19,21	15:2	18:11,16,20,22	17:4,20 18:6
brief 24:4 41:7	16:24 18:12,15	come 6:9 9:18	19:2 25:6	18:24 19:13,16
43:11 56:9	27:6,11,21	11:15 24:19	27:13	19:18 20:1,3,8
57:1	28:16 31:12,17	44:12 48:2	consequence	20:14,15 22:15
briefs 21:22	31:22 32:3,8	comes 5:1 6:10	50:7	23:2,8 24:16
brother 56:20	32:14,16 33:2	11:14 12:12	consequences	24:17 30:7
buzz 12:2	33:9,18,25	33:11,15 38:23	25:8 47:20	33:5 36:4 38:3
	41:9,24 42:5,8	39:4 49:12	48:4 49:7,24	39:10 40:1,12
<u>C</u>	42:23 43:4,8	52:3	50:5	40:18 42:10
C 3:1 4:1	43:13 45:11,14	comfort 10:2	conservation	44:23 47:6
call 6:12 8:15	48:5,9 52:1,9	coming 5:19	1:7,16 4:5,6	49:3,15 56:8
14:12,12 57:6	55:3,14,17	6:17 12:19	18:2,7 26:24	56:10
called 39:4	58:19	58:17	considered	corpus 11:17
calling 12:15	chips 22:10	comment 21:11	13:13 34:9	correct 8:3 12:1
capricious 6:25	choice 18:16,20	commented	45:19	13:5,6 20:23
7:20	Cholesterol	47:7	considers 24:16	21:20 25:21
care 42:11,12	22:12	company 22:16	consistency 26:3	26:16 29:24
			l	

37:6 54:19	46:5,12	determined	54:6 55:7	14:19 19:14
55:1	decisions 14:2	10:15 13:21	56:16 57:24	20:8 23:14
	defer 15:1	14:22 18:11	58:10	34:3,8 41:22
correctly 20:10		20:24 45:25		l ·
Council 1:7,16	deference 16:18		discharging	43:16 45:3,20
4:5,7	define 12:25	determines 31:7	29:19	52:15,23 57:17
counterintuitive 22:25 23:3	defined 42:24	determining	discretionary	effective 21:4 effects 8:10
	defining 6:15	8:10	47:17 discussion 38:20	
couple 48:16	12:14,16	difference 24:11		12:22,24 20:15 20:17 34:11
course 8:18 12:9	definition 5:20	24:25 25:23	disposal 8:14,15 10:25 14:13	
24:15 27:21	5:21 6:3 7:3,5	different 9:2		53:3 57:18
Court 1:1,21	7:20,21 9:6	10:13 11:4	15:8 44:24	effects-based
4:13 13:25	10:20 13:3	13:14 18:3	dispose 8:22	54:8
16:2,25 27:12	14:23 15:3,21	19:12 25:7,7,8	20:11 45:24	effluent 4:19
38:15 55:22	19:16,19 20:6	25:9 44:22	disposing 8:1,7	5:15,23,25 9:1
courts 15:1 46:6	20:7 21:6,16	48:16 49:13	20:20	9:15,25 14:8
cover 44:15	25:9 34:10	50:9 difficult 7:10	dispute 32:22	18:13,18,21
covered 5:10	43:10,13,14,15		disputed 11:10	24:6 25:15
25:12,14 54:24	49:23 54:7,8	dilute 50:22	distinct 10:23	29:10 30:11,13
54:25 57:12	definitions 12:21 35:2	51:3	16:3 17:1	30:16,19,20
covering 48:24		diluted 52:4	divisions 16:11	31:1,3,8,13,16
covers 5:8	department	diluting 50:23	document 16:7	31:21 33:1,7
created 16:3	1:25 18:7	directed 7:18	doing 10:5 14:13	33:14 34:3,22
17:1	26:23	directly 31:9	doubt 14:1 29:6	35:21,23 36:1
creating 46:17	departments	dirt 48:25	57:3	36:5 37:2,7,8
46:18 47:5	18:2	disagree 19:6	downstream	37:16,16 38:6
creature 26:8	depends 33:13	47:8 55:22	9:13	38:12 39:10,11
criteria 56:17	depositing 52:18 52:21	disagreement	draft 47:7	40:2,8,13 41:7
curious 33:19		19:23,25	drafted 23:12	41:14,16 42:17
cut 7:8	deposits 11:11	discharge 4:16	dredged 5:9 9:19	42:19,21 43:23
cyanide 49:1 C.F.R 9:5	describing 33:15	5:1,9 8:11,21 9:9 12:17 14:3		44:9,13 49:8
C.F.R 9:5		14:7,19 15:14	dry 13:13 44:24 due 18:13 58:8	50:1,8,10,12
	description 45:2	<i>'</i>		50:14,17 53:5
$\overline{\mathbf{D}}$ 4:1	despite 43:22	17:7 27:19 29:12,17,23,25	dumping 51:17 dwarf 13:18	53:8,9,12,16
dam 9:10 11:1	destroyed 11:12 46:17 48:20	, , ,		53:17 54:1,12
dammed 9:10		30:15,22 32:2	D.C 1:18,25 2:2	54:17,21,25 56:5,21 57:19
dangerous	destroying 11:16 12:4	32:3,13,22 41:19 44:3	E	either 5:7 14:11
47:10			E 3:1 4:1,1	19:3 33:25
deal 7:12	destruction 13:15	49:23 51:14,19 53:2 54:25	earlier 30:6	elevation 14:20
dealing 7:10			34:24	
decades 4:23	determination 6:18 7:19	discharged 9:23 12:15 50:18,20	early 20:14	15:15 20:10,20
52:24 53:3	15:24 28:14	discharges 8:25	easier 33:11	eligible 54:15 55:7
decide 34:17,18	46:3	9:7,11,12	ecology 48:15	emission 43:20
decided 21:3,6	determinations	16:13,13,15	ecosystem 45:1	emit 5:14 44:7
25:6	15:23	31:2,10,12,13	effect 6:6,9,10	emit 5:14 44:7 emitted 53:5
decides 15:8	determine 28:22	41:8 43:17	6:17 11:23	emphasize
decision 19:3	52:17	45:22 53:5	12:16,25 13:7	13:25 17:19
	34.17	45.44 33.3	12.10,20 10.7	13.43 17.17
	<u> </u>	<u> </u>	<u> </u>	I

	-	•	•	ī
enact 29:7	29:9,11,15	exclusive 17:2	40:20 48:23,23	11:22 12:4
enacted 17:22	30:23 31:1,10	17:16,17	felt 47:11,14	26:14,17 27:2
27:13	31:19 32:20,25	Excuse 38:19	fill 4:16 5:3,10	27:4 40:16
endangered	33:13,17,24	exempt 49:25	5:14,20,21,22	45:10,11,12,15
45:15	34:5,10,12	53:5	5:24 6:12 7:4	48:6,11,16,17
endorsed 18:23	36:2 37:7,9	exercise 11:7	7:19 8:11,22	fisheries 18:2
enforce 49:7	39:11 40:7,22	exercises 47:21	9:9,20 11:23	23:16 26:23
enforceable	41:4,13,20,24	exist 12:19	12:7,10,16,22	flat 6:23
31:10	42:9 43:22	existent 13:1	13:3 14:3,5,7	follow 18:24
Engineers 4:18	44:3,6,8,22,23	existing 6:5	14:10,11,13,20	23:11 52:1
4:25 6:13 7:23	44:24 45:19,21	expanse 45:4	15:3,15,21	followed 18:5
8:13,19 13:2	47:3,7,13,16	expenditure	16:4,13 17:3	Forest 13:21
13:20 15:7,11	47:20,21,23	18:5	17:11,13,21,24	form 12:3,4,5,25
17:4,20 18:7	49:3,4,6,21	experience 8:7	19:3,6,7,13,19	13:1
19:13,18 20:1	51:24 52:24	14:22 15:2	20:3 21:16,17	formula 27:17
20:3 22:15	53:4,7,8 54:6,8	44:15	22:18 23:1,7	forth 24:5 58:11
23:2,8 24:16	55:2,5,10 56:4	expert 4:14	25:7 29:4 30:3	found 9:5 50:4
24:18 30:7	56:8,10,18	48:15	30:4,8 33:5,5	52:19
33:5 36:4 38:3	57:6,22	expertise 4:24	34:2,8,9,10,18	fresh 52:16
39:10 40:2,12	EPA's 6:16	7:22	34:19,20 35:9	friends 34:1
40:18 42:11	28:22 33:12	explain 16:11	35:10 37:13,15	froth-flotation
44:23 47:7	45:8 51:21	23:5 41:3,12	39:1,4,5,9 40:1	27:20
49:4,15 56:8	ESQ 1:24 2:2,4	extent 20:2 21:9	40:9,20 41:10	function 20:25
enormous 13:17	3:3,6,8,11	extracting 6:7	41:10,13,15	Furthermore
entire 11:16	essentially 48:18	extremely 32:24	42:19,23 43:2	18:1
12:23	established		43:5,10,14,20	
entirely 6:12	17:25 52:8	F	43:23 44:7	G
entitled 16:18	establishes 5:5	face 6:14 27:17	49:23,25 53:13	G 1:24 3:3 4:1,9
environmental	51:25	facility 30:25	54:1,3,4,5,7,9	Garre 1:24 3:3
11:3,19 13:11	ET 1:7,16	fact 7:25 8:12	54:11,13,14,14	4:8,9,12 5:4,16
13:12 14:16,17	etcetera 24:19	28:7 34:9,10	54:17 55:7,10	5:24 7:2,14 8:3
15:19,25 23:15	evaluating	42:17 43:22	55:12 56:2,5	8:9,17 10:8,12
environmenta	23:11	45:22 49:13	56:14	10:24 11:13,20
10:16 13:24	evaluation 18:6	53:11 55:6	filling 14:12,15	12:7,20 13:4,7
47:9	evasion 21:1	factory 30:24	20:19 41:22	13:9,12 14:16
EPA 4:20,25	Everglades 10:6	33:15	45:4,9 47:4,9	15:13 16:20
6:13 8:9 11:6	Everybody 17:9	factual 55:25	fills 22:22 39:3,8	19:12
14:3,6 15:19	Evidently 44:5	failure 18:13	finally 18:8	GEN 1:24 3:3
16:11 17:6,12	eviscerates 53:6	falls 13:2	find 7:9 21:22	4:9
17:22,25 18:6	exactly 39:17	farther 38:11	36:7,14 38:15	general 1:24 4:8
18:9,9,17,23	42:7	fat 22:10	findings 55:25	4:12 5:4,16,24
19:7,7,12,13	examined 26:22	federal 2:1 3:4	Finish 55:3	7:2,14 8:3,9,17
19:17 20:2,4,7	example 5:17	4:10 43:7 56:4	finished 26:16	10:8,12,24
20:16 22:17,23	33:16	feed 48:11	27:5	11:13,20 12:7
23:3,12,13	excepted 9:6	feet 9:21 13:18	first 4:4 7:2	12:20 13:4,7,9
24:8,15 28:9	exception 9:4	21:23 22:1,18	10:13 39:15	13:12 14:16
28:12 29:2,6,8	38:12,15,16	22:19,19,20	fish 10:17 11:5	15:13 16:19,20
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

10.11.21.14	CDECODY		55,02 57:10	22.10.22.24.10
19:11 21:14	GREGORY	<u> </u>	55:23 57:10	23:19,22 24:10
50:20	1:24 3:3 4:9	idea 21:22	interpretations	24:13,21,24
generally 5:9	ground 19:8	identical 24:10	16:5 55:24	25:2,10,12,14
getting 11:17	grounded 4:22	24:14	interpreted 38:5	25:19,22 26:7
Ginsburg 7:24	guess 12:2 22:5	identified 30:23	53:4	26:10,12,18
8:4,6,12,18	26:19 31:22	identify 46:12	invertebrates	27:6,11,21
14:9 15:4,16	33:18,25 49:1	46:24	52:12	28:8,12,16,21
20:6,18,23	55:2	illegal 44:3	involve 45:4	29:2,11,17,22
26:18 45:2	guidelines 4:19	impacts 45:8	involved 18:1,2	29:25 30:2,10
give 49:3	9:1,16,25 11:3	implementing	18:4 20:24	30:14 31:12,17
given 21:11	11:3 14:8	4:15	31:24	31:22 32:3,8
go 7:3 14:2 18:9	23:12 24:2,4	implied 38:14	issue 4:17 27:16	32:14,16 33:2
22:17 23:15	25:15 38:7	38:15	issued 4:20 8:21	33:9,18,25
38:17,19 42:2	56:5	implies 31:25	18:9 35:22	34:17,23 35:4
42:2 55:3	H	important 11:21	issues 35:23	35:8,12,18
goes 33:21 38:25	habitat 11:5	16:8 17:19	36:3	36:7,10,17,22
40:7 42:10		25:2,5 31:4	issuing 17:18	37:4,11,18,22
53:12	habitats 10:17	32:24 45:18	J	38:17,19 39:3
going 5:7,18	hand 6:22	impounded 11:1		39:7,14,18,23
6:11 9:8,20,24	handle 7:10	impoundment	JA 7:15	40:8,15 41:9
10:14,15,18	happens 19:5	9:7,9,12,22,23	January 1:19	41:24 42:5,8
11:11,12,22	22:7 40:7	10:3,6,7,21,22	JA-141 16:9	42:23 43:4,8
12:8,10 14:20	42:18 51:6,8	16:14,16 42:11	joint 6:22 57:5	43:13,18 44:1
16:14,16 17:24	hard 40:24	57:12	58:3	44:5,14 45:2
19:21 22:13	harm 15:25 16:1	included 20:19	jointly 20:1	45:11,14 46:5
24:8 25:24	heads 16:10	21:6	judgment 4:24	46:13,16 47:3
26:7,10,13,14	hear 4:3 41:8,12	includes 6:4	14:25 15:1	47:11,14,18,24
27:2 39:14	heard 24:13	20:4 24:5 26:1	21:10	48:5,9,13,19
40:2,4,16,17	39:23,25 49:2	including 11:4	Juneau 2:4	48:21 49:9,12
45:23 53:3	help 40:11 41:4	17:9 26:23	jurisdiction	49:19 50:2,6
56:14 58:16	high 13:18 34:7	independent	6:16 33:12	50:19,25 51:5
gold 6:7	34:8 50:16	31:9	Justice 1:25 4:3	51:10,13 52:1
govern 33:6	52:19 53:2	industrial 30:21	4:13 5:1,4,12	52:2,9 53:11
governed 9:11	history 56:24	34:6 37:17	5:13,22 6:1 7:2	53:21,24 54:3
9:21,24 17:3,8	hobby 48:22	53:10	7:7,24 8:4,6,12	54:11,16,20
18:17 31:15	Honor 16:20	inert 26:4	8:18 10:2,10	55:3,14,17
governing 17:23	52:5	initial 12:13	10:19 11:8,14	56:11,12,13,19
33:8	hoping 52:22	instance 44:6	11:20,25 12:12	57:14,21,25
government	horrible 40:17	49:13	12:24 13:6,9	58:4,8,12,19
32:23 38:4	horse 48:22	intended 28:19	14:9 15:4,5,16	
56:9	huge 45:5	42:14	16:19,21,24	<u>K</u>
government's	hurting 26:5	intent 42:16	17:8,12,14,15	keep 11:8,21
24:4 43:11	hypothesized	interim 26:16	18:8,12,15,15	keeping 46:1
57:1	16:1	interpret 39:24	19:5,11,21	Kennedy 5:1,4
grant 30:8	hypotheticals	interpretation	20:6,18,23	17:8 19:5,11
granting 23:10	15:17	4:22 16:17	21:13,21,25	19:21 34:17,23
Great 10:6		21:3 28:22,25	22:4,13 23:6,9	35:4,8 53:21
		<u> </u>	<u> </u>	<u> </u>

53:24 54:3	language 57:8,9	27:3	mean 7:8 8:4	misinterpreta
56:12,19	law 12:18	long 10:10 13:1	14:12 22:21	28:15
Kennedy's 5:13	lawfully 29:7	21:2 23:20,24	23:22 24:14	missing 21:13
Kensington	leather 30:25	33:7 51:5	26:19 31:23,23	24:22 25:3,11
27:18	leave 6:12	longer 13:1	32:10 33:20	mix 53:12
key 53:6	legal 5:12 12:25	look 30:22	39:8 44:5	mixing 51:7
kill 26:7,11,17	13:7	looking 43:9	48:10 51:6	modify 42:16
killed 40:17	lenient 11:18	lose 40:15	57:14	Monday 1:19
51:20 52:11	letting 52:23	lot 22:22 41:12	means 28:2	morning 4:4
killing 45:9	let's 7:7 22:14	48:24	measurable	mound 46:18
kind 30:24,24	35:18	lower 46:6	41:22	move 33:11
33:15 45:19	level 21:18,23		mediation 47:1	mutually 17:2
53:1	22:5,19 52:19	M	meet 53:14 54:7	17:16,17
kinds 43:17	53:2	manipulation	meeting 51:24	
48:16 53:5	levels 34:7 51:4	21:2	56:16	N
know 12:5 22:2	life 11:12 26:19	manufacturing	meets 35:2	N 3:1,1 4:1
22:9 26:18	27:4 45:10	33:16 34:14	49:23	named 41:6
30:25 39:7,7	48:6,11,11,16	Marine 23:16	memo 16:10	national 45:19
44:10 49:12	50:16	material 4:16	memorandum	native 52:21
51:7	limitation 30:19	5:10,10,21,21	16:9,10 56:7	natural 10:3,23
knows 26:20	31:16 33:8,14	5:22,24 7:4	57:4,22	11:11
T	34:22 35:21,23	8:11,23 9:9,20	merits 7:13	navigable 27:19
<u>L</u>	36:2 37:16	9:20,23 11:23	method 6:6	41:17 42:6
lake 8:22 9:21	41:20 42:20	12:8,10,16	microinverteb	45:23 46:1
10:3,5,6,14,23	50:10 53:17	14:4,7,10,10	48:8,9	50:24
11:1,17,22,22	54:1,21,25	15:3,16 16:4	middle 10:5	nearby 13:19
12:23 13:22,23	limitations	16:13 17:3,13	mill 30:24	necessarily
14:12 15:10	18:13,18,21	19:4 20:3	milligrams	50:13
20:11,19,20	29:10 30:20	23:17,18 26:4	41:21	necessary 38:16
22:19,23 23:1	31:1,3,8,21	30:8 34:2,9,10	million 18:6	need 28:3 29:14
23:24 26:2,4,6	33:1 36:5 37:2	34:20 37:15	millions 45:15	55:9,11
26:8,11,13,15	37:8,9,16 38:6	41:13,15 42:19	mills 27:20	never 14:6 20:19
26:17 27:3	38:12 40:13	42:23 43:10,14	34:13 41:5	22:17 38:5
30:3,3 33:4,22	41:8,14,16	43:21 44:8	mind 11:21	41:13 42:15
33:22 38:25,25	42:17,21 44:9	49:23,25 54:2	mine 4:16 6:10	43:3 46:13,16
41:10 42:12	44:13 49:8	54:4,5,8,9,11	12:19 16:8	47:21 56:4,6
43:21,23 44:8	50:1 53:6,8,10	54:12,13,14,14	27:18 43:20	new 9:16 27:14
45:9,10,12	57:19	54:16,16,17	44:20 46:22	35:16,19 42:8
47:9 48:6,15	liquid 5:18	55:7,10,12	52:22 57:4,11	42:13
48:23 50:21,22	31:23,25 32:1	56:5,15 58:15	57:23	Ninth 7:16
50:23 51:1,2,3	32:19	58:16	mines 20:4	46:11
51:9,17 52:4	listed 41:7	materials 21:8	mining 14:14	nontoxic 25:12
52:17,18,23,25	liter 41:21	25:17	46:11	25:14,17 40:14
58:16,17	little 33:10 40:5	matter 1:20 5:16	mining-related	non-fill 35:9
lakes 42:2	livable 27:3	14:21 15:14	21:8	normal 51:4
land 14:11 29:18	live 48:17	33:21 49:24	minute 26:10	note 7:15
44:24 45:20,24	living 11:16 26:8	56:1 58:22	minutes 55:18	notice-and
			<u> </u>	

21.10	16.22.27.0	14.24.20.16		29.21.25.24
21:10	16:22 27:9	14:24 20:16	piles 45:5	28:21 35:24
no-discharge	ordinarily 14:14	permanently	pipe 5:2,14,19	46:8,10,13,17
45:21	ore 34:13 41:5	46:17	29:18 34:24	47:22 49:21
NPDES 55:8,9	organism 51:22	permission	38:22,24,24	54:21
55:11	51:22	29:14	51:8	possible 30:4
number 6:3,5,15	organisms 51:19	permit 8:1,13,14	place 14:13 15:8	39:1 48:17
6:16 11:4	51:20 52:16	9:14,19 17:13	15:21 23:23	possibly 36:11
15:17 21:25	ought 15:1	17:21 18:8,10	27:2	potato 22:10
22:20 24:5	outside 51:7	18:25 20:12	placed 57:12	poured 22:22
	overburden	23:10,11 24:16	placement 21:7	pouring 25:16
0	21:7	24:18 26:22	plain 57:8,9	power 17:13
O 3:1 4:1	override 16:2,5	28:3,4,5 35:13	Plankton 48:13	18:10 34:15
occur 56:16		35:14,16,21,23	Plant 48:11	49:4,10
offering 36:15	<u>P</u>	35:25 36:3,11	plants 34:14,15	practical 5:16
officials 57:6,22	P 4:1	36:12,12,23	please 4:13	14:21 15:13
oh 11:15 12:19	page 3:2 24:6	41:20 44:3	16:25 27:12	practice 42:15
30:17,17 36:24	43:11 56:10,25	47:7,12 49:3,5	point 7:6,14,17	preamble 14:5
46:9 51:3,6	56:25 57:9	54:6,15,22,23	11:2 16:8,25	43:7,9 56:2
Okay 40:15 49:1	58:9	55:10,11 57:15	17:19 18:8	57:11
55:5	pages 57:4,21	57:16 58:14,15	20:23 24:2,3	precise 57:20
Olson 2:2 3:6,11	58:2	58:16	29:12 32:8,18	prefatory 28:16
16:21,22,24	Pardon 24:12	permits 4:20	32:23 39:8,9	28:18
17:14,17 18:14	25:13	7:19 8:20	44:22 45:18	preferable
19:9,24 20:13	part 11:2 30:18	17:24 18:4,22	50:20 51:13	13:24 23:15
20:22 21:20,24	35:2 53:12,13	19:4 27:22	52:2 55:2	46:3
22:2,12 23:6	particular 6:6	30:5,9 36:6	pointed 19:12	preferred 44:24
23:10,21 24:1	28:5 30:20,24	37:23 38:7	pollutant 6:4	44:24 47:4,23
24:12,20,23,25	43:17 57:23,23	42:22 46:25	12:14 22:8,14	47:24
25:4,13,18,21	parties 5:7	55:8,8 56:1	22:16 23:1	present 19:23
25:24 26:9,12	parts 7:6,15	permitted 4:17	26:1 29:24,25	25:5 31:6 32:1
26:21 27:7	passage 14:18	5:8 17:5 41:19	38:23 40:17,20	presented 29:1
32:4 38:20	paying 49:16	43:24	50:14	pretty 10:2 51:8
39:24 55:17,19	Pentagon 13:19	permitting 5:6	pollutants 5:9	primary 7:25
55:21 56:22	46:19 47:5	14:5 16:3 17:2	16:4 40:14	8:19 13:12
57:20 58:2,5,7	People 44:16	18:4 19:2 23:7	50:15	problem 6:2
58:14,20	percent 5:18	31:6 56:15,23	pollution 6:16	7:11 10:21
once 51:1	32:4,7,10,17	58:6	12:3,4,5 13:1,2	36:25 38:10
operating 27:14	51:20 52:11	Petitioner 1:4	13:8	problematic
36:15 40:25	54:20	1:13	pond 10:11 15:9	13:14
41:3	performance	Petitioners 2:1,3	15:11,12 42:11	problems 15:20
operation 14:14	9:16 18:19	3:5,7,12 4:11	42:12 43:21	Procedure 6:21
14:15 36:18	27:15,16 29:3	16:23 31:5	50:23	process 11:6
operative 43:16	35:16,19 36:16	55:20	ponds 34:16	15:18,19 16:15
opinion 44:22	36:18,19,20	pH 50:15,17,19	41:17,18 42:3	18:4 19:2
opposed 51:2	37:2 53:17,18	50:20 51:2,10	42:4 44:16	20:24 27:4,20
option 13:22,24	period 8:17,20	51:11 53:2	portion 21:18	57:2
oral 1:21 3:2 4:9	8:24 9:3 11:10	physical 5:14	position 14:19	processed 8:16
			^	1

	1	1	1	1
32:22 34:6,21	put 6:8 11:24	reasoned 21:10	40:22 41:5,25	53:7,8
35:3,11 44:3	15:14 19:3	reasons 47:20	54:6 57:18	requirements
45:23 46:1	26:2 33:10,23	rebuttal 3:10	regulates 41:13	16:17 45:20
processing	34:24 36:22	13:10 25:25	41:25	53:6
34:13 41:5	40:19	55:19	regulating 34:13	requires 28:21
program 17:8	puts 50:7	receiving 41:22	regulation 6:5,9	29:8
18:17	putting 13:22	reclaim 14:11	6:23 12:17	reserve 25:25
prohibit 45:22	26:9,13 33:3	reclaimed 10:14	24:25 28:10	respect 6:17
prohibited 30:5	33:20 44:16	reclaiming	29:5 42:9,14	56:1,13 58:8
43:25 44:2,7		13:23	42:24 55:11	58:15
prohibition 24:7	Q	recognize 55:6	57:8,11	respond 56:20
27:14 35:20	quality 11:5	reconcile 12:21	regulations 25:6	Respondent 7:4
36:15	15:23 17:23	reconciled 9:18	37:5 55:6,9	respondents 2:1
prohibits 32:13	24:8 26:6	reconciling	56:3 57:7	2:5 3:4,9 4:10
35:17	49:24	49:20	regulatory 6:22	15:17,25 17:10
project 10:14,18	query 6:24	record 7:6,15	14:1 16:12	27:10 55:21
14:12	question 5:13	26:25	56:24 58:9	response 40:9
promulgate	12:13 15:4	recover 51:9	reintroduce	56:11
49:14	17:7 30:18	52:17,23,25	26:14	responsibility
pronounceme	31:17 34:23	redefining 12:18	released 6:7	21:12
4:23 16:5	37:21 40:5,8	reduced 51:23	51:1	restored 26:19
proper 10:4	42:18 44:17	reemphasize	remaining 55:18	result 15:24
15:3 32:9	51:1 56:11,17	16:25	remains 56:15	22:3,4 52:7
properly 34:2	57:16,20	referred 19:1	remand 46:8	58:9
proposed 47:7	quickly 51:8	refers 10:24	remanded 46:8	resulted 13:17
prospect 16:1		reflects 4:23	remedy 52:20	results 38:16
Protection	$\frac{\mathbf{R}}{\mathbf{R}}$	7:21	remember	revert 51:4
14:17,17	R 4:1	regard 32:20	30:20	right 8:18,20
provide 37:7	raise 7:12 9:21	regarded 34:2	remove 34:16	11:1,7 12:17
38:6,7	21:23 22:6	regime 6:22	41:18	19:14 20:7
provided 27:23	raised 15:5,17	18:22 19:1	repeal 42:16	21:19 22:6,13
35:22 38:8	raises 22:5	27:24 28:23	repeat 35:24	25:17 26:8
providing 14:13	raising 7:9	58:9	repeatedly	31:14,25 32:14
provision 18:25	20:10,19	regimes 5:6 9:19	42:18	35:18 39:3,17
24:5 27:22	rarely 47:21	16:3 17:2	represent 46:7	43:12 45:12,13
37:1,12 38:1	rate 51:23	Register 43:7	representations	45:16,17 47:18
38:11	raw 34:6	56:4	46:21	48:19,21,22
provisions 23:13	read 58:4	regs 24:15,15,19	reproduced	49:5 50:24
33:6 56:22	realize 31:4	regular 38:25	43:11	51:15 52:3,6
pulled 47:1	really 7:3 23:23	regulate 13:8	reproduction	rigorous 11:3,9
purpose 8:1,13	33:21 39:24	22:23 29:9	51:23	11:18 15:18
8:19,22 14:23	40:25 44:15	31:20 32:25	require 15:23	16:15,16 17:23
19:17,19 20:9	47:11	42:9 53:7,9,14	34:15 41:16	river 15:14
20:16,20 55:13	reason 9:2,2	56:5	44:13 45:24	29:13,20 30:15
pursuant 17:20	11:21 20:10	regulated 8:25	52:20 55:8	38:25
1 4 6 0 5	40:19	9:3 14:4,7 24:8	required 13:15	ROBERT 33:25
46:25	manager - L1. 01.0	,		
46:25 pushing 48:23	reasonable 21:3	25:8 29:9 34:5	31:19 32:25	Roberts 4:3 5:12
	reasonable 21:3	,	31:19 32:25	Roberts 4:3 5:12

			I	
16:19,21 18:12	SCALIA 5:22	settled 7:22,24	6:11 32:5,9,10	speak 32:9
18:15 27:6,21	23:19,22 25:12	8:4,4	32:11,17,19	specifically
31:12,17,22	25:14,19,22	settling 10:11,23	33:23 45:24	26:25 45:21
32:3,8,14,16	29:2,11,17,22	15:9,11,12	54:20	55:6 56:3
33:2,9,18 41:9	29:25 30:2,10	26:2 34:16	solids 6:4 12:2	57:13
41:24 42:5,8	30:14 43:18	41:17,18 42:2	12:15 29:9,10	specified 10:25
42:23 43:4,8	44:1,5,14 47:3	42:4,12 43:21	31:18,20,23	17:22
43:13 45:11,14	47:11,14,18,24	44:16 50:23	32:1,7,25 34:7	squarely 7:5
48:5,9 52:1,9	48:13	side 12:6 34:1	34:16 35:2	stacks 13:17
55:3,14,17	scenario 27:1	44:18	41:19 52:6,7	stage 20:14
58:19	scheme 16:2,12	significant 22:6	52:14,15,18	standard 19:23
rock 26:1	SEACC 7:5	significantly	53:9	24:6 27:15,16
rocks 26:9	sealed 9:22	51:23	solution 44:20	28:8,9 29:3
rule 7:20 8:5	second 38:20	similar 21:8	45:3 46:19	30:4 32:12
14:3,6 17:11	section 4:18,20	simplified 38:21	47:4	35:17,20 36:18
19:25 24:2	5:8,10 8:25 9:1	38:21	sorry 29:16	36:19,20 40:2
29:4 43:2,5	9:11,14,21	simply 6:7,15,23	30:18 37:20	40:4,5,9 50:9
45:19,21 52:8	11:2 12:9 13:8	12:13,14 15:22	43:5 46:15	53:18,18 54:12
57:9,10	14:4 15:18,23	20:20 22:21	52:9	54:18
rulemaking	17:5 18:17,20	31:7 36:3	sort 11:16 15:25	standards 9:16
21:11	24:7 27:13	43:15 47:12	40:3 51:7	11:19 15:22
rules 17:20,21	28:2,3,3,7,17	single 5:2 34:24	sorts 23:13	18:18 24:9
17:23 18:23	30:8 36:14	sit 15:5	48:10	30:11,13,16
19:1 49:14,16	37:1,10 38:5	site 44:24,25	sought 12:22	36:16 37:2,13
57:6	38:13 41:20	46:24	56:4	37:14 39:20
37.0	42:22 53:4,18	sites 10:25	sound 10:16	43:23 51:24
S	53:19 54:5			
S 2:4 3:1,8 4:1		site-specifically 46:2	sounds 6:14,20 44:19	start 6:3 State 13:20 18:1
27:9	55:8,12 58:10 sections 18:16	= :	· -	18:3 26:24
Salt 10:6	27:23 30:6	situation 20:12 22:7 28:13	source 9:16	stated 42:15
sand 26:1,3,9,13	31:8 37:3		27:14,16 29:12	
26:17 29:12,13		29:4 36:10	30:20,22,23 31:2 33:17	statement 28:1
29:18,19 30:15	sediment 51:18	39:13		41:12
51:17	see 36:24 39:8	situations 48:3	35:16,19	States 1:1,22 9:7
satisfies 53:12	49:14	six 15:20	sources 30:21	9:13,24 12:8
satisfy 39:20	seek 7:19	slew 55:25	34:6,13 36:15	12:11,18 15:7
saturated 22:10	seen 15:20 45:5	sludge 5:14	37:17 41:5	21:18 25:16
saturated 22.10 saying 11:8 12:3	selected 18:23	slurry 5:17,19	53:7,10 54:7	42:6 56:9
12:18 27:22	sense 14:21,25	20:4 21:7	Souter 6:1 7:2,7	58:18
36:24 40:3	33:19	29:12 35:1,6,8	10:2,10,19	statute 10:24
50:11	sentence 58:5,13	48:23 50:17	11:8,14,20,25	21:10 23:4
says 11:15 19:6	separate 9:14,25	51:12,15 52:11	12:12,24 13:6	28:24 29:1
19:7 27:18	separately 31:10	52:13 53:2	15:5 26:7,10	31:6 36:8
36:14,21 42:9	seriously 11:10	small 32:19	26:12 56:13	37:18,24 38:8
· ·	Service 13:21	smelters 34:14	57:14,21,25	49:13 53:13
44:6,18 49:11	set 24:5 56:25	41:6	Southeast 1:6,15	56:22 57:7
53:13 56:3	sets 39:20	Solicitor 1:24	4:5,6	statutes 39:21
58:5,7,8	settle 52:14	solid 5:18 6:10	so-called 57:4	55:23,24
	<u> </u>	<u> </u>		<u> </u>

statutory 6:21	12:15 29:9,10	55:14,16 58:19	toxic 18:21	understandable
9:18 14:1 16:2	31:20,23 32:10	THEODORE	23:17,23 24:6	47:20
16:12 28:23	32:25 34:7	2:2 3:6,11	25:20 36:6	understanding
stays 23:24	53:9	16:22 55:19	40:13 49:1,1	7:22 11:9
stays 23.24 step 38:11			·	21:15
	system 14:5	thing 25:3,5	50:14,14,14,16	
Stevens 17:12	26:15	29:8 30:2 38:2	53:2	unfortunately
17:14,15 18:8		42:21 58:11	toxicity 51:21,24	49:22
58:4,8,12	T 3:1,1	things 8:21	52:10,19	United 1:1,21
stream 33:14	tailings 4:16	21:17 35:5	toxics 11:24	9:7,13,24 12:8
35:5 56:14		48:10 49:20	transitory 23:20	12:10,18 15:7
strongly 28:19	13:13,17,22,22	56:14	treat 10:3	21:18 25:16
47:15	16:8 21:7	think 5:6 6:2 7:4	treating 10:22	42:6 56:9
studies 18:5	51:18 57:4,11	7:21 8:9 11:9	10:22	58:17
21:3	take 5:17 13:10	12:20 13:4	treatment 9:4	unpredictable
stuff 23:23 25:7	22:18,25 27:2	14:25 15:13,21	true 11:13,20	14:24
48:12,13,24	27:24 38:11	17:18 19:9	51:17	unqualified
subject 4:19	52:24	22:8,9,9,14,17	trumps 5:22,24	27:14
6:13 9:13,15	taken 14:18 46:9	25:10 32:4,16	36:12 37:24	untenable 15:22
12:17 16:14,16	49:22	38:22,22 39:19	try 31:5 38:10	unworkable
34:4,21 37:15	takes 22:16	39:22 41:3	52:20	14:24
38:24 42:19	24:15	49:15 56:12	trying 43:20	use 27:20 34:15
55:12 56:1,15	talk 51:16	58:11	52:16	41:16 43:20
58:5	talking 10:8	thinking 14:10	two 5:5 6:5,8,17	45:20
subjective 19:20	23:17 27:25	38:21	7:6,15 9:17	
submitted 58:20	28:23 31:13	thinks 14:15	10:13 13:14,16	V
58:22	33:19 43:1,6,9	THOMAS 2:4	16:3 17:1 19:3	v 1:5,14 4:5,6
substances 36:6	58:12	3:8 27:9	20:23 21:11	vague 40:6
sudden 33:11	tanning 30:25	thought 12:1	35:5 37:23	valid 29:5
suddenly 22:23	technologies	52:10 55:4	39:19 40:10	variant 6:15
suggest 15:22	41:18	56:19,19	49:20 51:19	vast 45:4
suggests 28:19	tell 46:22	thousand 45:12	56:14	vegetation 52:21
summarized	ten 40:20	48:6	type 53:8	veto 6:13 11:7
56:25	terms 17:17	thousands 13:18	types 16:12	15:19 17:13
superior 10:16	38:21,22	three 4:23 55:18		18:10,12 19:7
13:24	terrible 22:11	57:5	U	47:13,16 48:3
support 2:1 3:5	23:1 38:23	threshold 51:21	Uh-huh 23:9	49:4,6,10,16
4:11	40:22	time 12:7 13:10	unacceptable	49:19 50:2
suppose 10:4	test 8:10,19	20:16 39:15	46:6,14,19	vetoed 47:12,25
22:14	12:22,25 19:17	42:20 55:2,9	47:19 48:4	view 45:8,9
supposed 57:18	20:9,15,16,17	told 45:3	49:6 50:4,7	53:13
Supreme 1:1,21	20:25 51:20,24	tool 37:7	understand 6:3	violate 25:15
sure 7:2,14	tested 51:18	tools 36:5	11:25 20:9,14	29:15,22 50:13
39:15 48:7	52:11,15	top 51:21 52:21	21:14 23:4	violated 49:15
survive 11:23	testing 52:3	57:5,22	24:3 30:18	violates 24:6
survived 51:22	text 14:1	total 35:20	35:24 39:19	30:10,12,15
suspended 6:4	Thank 4:12	total 93.20	40:10 42:10	50:10
6:10,11 12:2	16:19,20 27:6	tourist 45:6	52:10	violation 27:15
0.10,11 12.2	, , , , , , , , , , , , , , , , , , , ,	tourist 75.0		
	ı	ı	1	ı

36:16,18	Washington	47:4	zero 33:1	16:6 32:6
virtually 54:9	1:18,25 2:2	wet-sand 53:1	zone 51:7	34:12 41:21
visible 13:19	Wasn't 46:5	we're 10:8 12:3		301 18:18 31:8
visibly 35:4	waste 8:1,7,14	we've 34:24 46:9	\$	37:3 38:13
volume 5:18	20:11,21 32:19	46:10	\$26 18:5	57:1
32:5,6,11 56:4	33:14 45:25	whichever 32:11		306 9:1 18:18
	wastewater 6:6	wide 13:18	0	28:7,17,18,23
W	6:11,17 8:16	wildlife 10:17	07-984 1:5 4:4	31:9 37:3
Wait 26:10	8:16 9:4 27:19	11:5 15:24	07-990 1:14 4:6	38:13,24 53:18
Waldo 2:4 3:8	32:13,17,20,23	wish 55:21	1	53:24 56:21,22
27:8,9,11 28:1	34:7,21 35:3	word 12:2 19:19	10.50.15	57:1
28:11,14,25	35:11 44:4	words 5:23	10 50:15	306(e) 27:13
29:6,16,21,23	45:23 46:1	39:12	10:04 1:22 4:2	36:14 53:19
30:1,7,12,17	water 4:15 5:5	work 53:15	100 13:16,17	307 18:21,22,25
31:15,19,25	6:8 11:5,12,24	workable 19:20	11(a) 24:3	24:7
32:6,12,15,18	12:15 14:18,20	20:25 21:4	11:06 58:21 12 1:19 7:15	31,135 56:3
33:7,13,24	15:7,23 16:11	working 46:10	12 1:19 7:15 122.2 9:5	
34:5,20 35:1,6	17:1,23 19:15	46:11,23	1328 27:23	4
35:10,15 36:1	21:5,18 23:14	works 21:15	1344 27:23,23	4 3:5 15:23
36:9,13,20,24	24:8 26:5	40:11	1344 27.23,23 141 57:4 58:2	40 9:5 39:15
37:6,14,20	28:15 29:7,8	world 23:18	141 57.4 58.2 143 57:21	41:1,4,25
38:1,18 39:2,5	31:5,20 33:3	worry 39:25	143 57:21 58:9	43:19 44:14
39:13,17,22	33:10,20,21,22	worse 44:19,19	145 57:5,21	402 4:21 5:8 8:1
40:12 41:2,11	35:7 41:22	worst 22:8,16	145 a 57:9 58:2	8:8,15,25 9:3
42:4,7,13,25	49:24 50:8,24	23:17 48:25	146 16:9	9:14,25 14:4
43:6,12,14,24	52:16 53:7	worst-case 27:1	16 3:7	16:17 18:16,17
44:2,10,21	54:10 55:13	worth 46:2	1973 14:2 56:24	24:18 25:12,14
45:7,13,17	56:14	wouldn't 15:15	1979 55:6	28:2,4,24 31:7
46:9,15,20	waters 9:6,13,24	29:13,14,15	1986 56:9	33:11 34:4
47:6,13,16,19	12:8,10 25:16	32:16,20 36:17		35:14,25 36:11
48:1,7,10,14	27:19 41:17	41:21 50:6	2	36:12,22 37:4
48:20 49:6,11	42:6 45:23	writing 39:21	2 24:5	37:23 41:20 42:22 53:22
49:18,21 50:3 50:9,22 51:3,6	46:2 58:17	written 23:12	20 22:19 41:21	54:22 56:16
51:12,15 52:5	waterway 15:9	wrong 12:1	46:22	58:10,14,16
52:13 53:16,23	way 10:10 25:9	X	200 13:17	404 4:18 5:11
53:25 54:4,13	31:5 33:25	$\frac{\mathbf{x}}{\mathbf{x}}$ 1:2,9,11,17	2002 7:25 8:5,8	6:13 8:14,20
54:19,24 55:5	39:25 40:21	A 1.4,7,11,1/	14:5 19:18	9:11,19,21
55:15,16	47:12 49:7,20	Y	20:2,9,12 42:1	11:2 12:9 13:8
want 7:12 13:9	51:21 53:20	Yeah 36:25 37:6	42:24 56:2	15:18 16:14
13:25 17:19	ways 10:13 13:15	years 8:6 14:2	2004 16:8,10	17:5 18:16,22
29:17 30:3	weeks 47:2	14:22 15:20	2009 1:19	19:6 20:12,12
46:20 50:12	weeks 47:2 weight 32:6,10	16:6 34:12	202 56:2	21:15 24:17
51:16 55:1	weight 32:0,10 weren't 9:3 14:9	39:15 41:1,4	27 3:9 56:10,25	25:19 27:24,24
wanted 11:2	wet 13:22 51:17	41:25 43:19	56:25	28:3,4 30:8
16:7 44:7 48:3	wetlands 13:16	44:14 46:22	3	31:7 35:14,25
washed 29:19	45:4 46:18			36:5,11,12
	TJ.TU.10	Z	30 8:6 14:2,22	
	1	1	•	

37:1,5,13,24		
38:2,2,5,7 39:4 40:23 47:7		
53:4,21,25		
54:5,15,16,22		
55:8,12 56:15		
56:23 57:2,12		
57:15,16 58:15		
404(b) 38:7		
404(b)(1) 17:21		
19:1 23:11		
24:2,4		
404(c) 49:11		
5		
50 9:21 22:18		
48:23		
50-foot 9:10		
11:1		
541 7:15		
55 3:12 5:18		
21:23 22:19		
32:4		
6		
67 56:4		
7		
7a 43:11		
75 48:23		
8		
8a 43:11		
9		
90 32:10,17		
900 18:5		
95 51:20 54:20		
99 52:11		
77 32.11		