

1 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2

3 IN RE:

4

5 NPDES PERMIT RENEWAL

6 HEARING-CITY OF CHICAGO

7

8

9 TUESDAY, JUNE 30, 2015

10 3:00 P.M.

11

12 The public hearing of the NPDES Permit  
13 Renewal Hearing-City of Chicago was held at  
14 100 West Randolph Street, Assembly Hall, Lower  
15 Level, Chicago, Illinois.

16

17 BOARD MEMBERS PRESENT:

18 HEARING OFFICER DEAN STUDER

19 MS. AMY DRAGOVICH

20 MS. SARA TERRANOVA

21 MR. KAUSHAL DESAI

22 MR. JAY PATEL

23

24

1 HEARING OFFICER STUDER: Good afternoon. My  
2 name is Dean Studer, and I am the hearing officer  
3 for the Illinois Environmental Protection Agency.  
4 On behalf of Director Lisa Bonnett and Bureau of  
5 Water Chief Marcia Willhite, I welcome you to this  
6 hearing.

7 My purpose here is to ensure that this  
8 proceeding runs properly and according to rules.  
9 To that end, I will not be responding to technical  
10 issues, but may assist those making comments to  
11 ensure that we stay with issues under the purview  
12 of Illinois EPA, Bureau of Water, and the issues  
13 are appropriate for this hearing.

14 Can everyone hear me?

15 Okay. This is an informational hearing  
16 before the Illinois EPA in the matter of a  
17 reissued National Pollutant Discharge Elimination  
18 System, usually referred to as NPDES, permit for  
19 the City of Chicago Combined Sewer Overflows,  
20 usually referred to as CSOs. The permit  
21 authorizes 184 different discharge points. The  
22 Illinois EPA Des Plaines office is planning to  
23 visit these discharge points. While it is  
24 unlikely that each of these discharge locations

1 will be visited this year, these visits are being  
2 prioritized based on accessibility, estimated  
3 volume and frequency of discharge, and the nature  
4 of the receiving stream, as well as other factors.

5 Illinois EPA believes that the public  
6 hearings that we hold are a crucial part of the  
7 permit review process. Issues relevant to this  
8 hearing include compliance with the requirements  
9 of the federal Clean Water Act and the rules set  
10 forth in 35 Illinois Administrative Code, Subtitle  
11 C. Other relevant issues include the potential  
12 impacts to receiving waters from the discharge,  
13 and water quality in these receiving waters. The  
14 Illinois EPA has made a preliminary determination  
15 that the applicant has met the requirements for  
16 obtaining a permit and has prepared a draft  
17 reissued permit for review.

18 The Illinois EPA is holding this hearing  
19 for the purpose of accepting comments from the  
20 public on the draft permit. This public hearing  
21 is being held under the provisions of the Illinois  
22 EPA's procedures for permit and closure plan  
23 hearings, which can be found in 35 Illinois  
24 administrative Code, Part 166, Subpart A, and

1 under 35 Illinois Administrative Code Part 309.  
2 Copies of these regulations are available at the  
3 Illinois Pollution Control Board website at  
4 [www.ipcb.state.il.us](http://www.ipcb.state.il.us), or, if you do not have easy  
5 access to the web, you may contact me and I can  
6 get a copy for you.

7 An informational public hearing means  
8 exactly that. This is strictly an informational  
9 hearing. It is an opportunity for you to provide  
10 information to the Illinois EPA concerning this  
11 permitting action. This is not a contested case  
12 hearing.

13 I would like to explain how today's  
14 hearing is going to proceed. First, I will have  
15 the Illinois EPA panel introduce themselves and  
16 provide a sentence or two regarding their  
17 involvement in this permit process. Then, Kaushal  
18 Desai, sitting here on my right, a permit engineer  
19 in Permit Section of the Water Pollution Control,  
20 will give a brief overview of the draft NPDES  
21 permit. This will be followed by more specific  
22 instructions on how comments will be made at this  
23 hearing and on appropriate comments for this  
24 hearing. Following this, I will begin taking

1 comments from the public.

2           If you have not signed a registration  
3 card at this point, please see Barb Lieberoff at  
4 the registration table and she can provide you  
5 with a card. You may indicate on this card that  
6 you would like to make oral comments. Everyone  
7 legibly completing a registration card or  
8 submitting written comments during the comment  
9 period will be notified when the Illinois EPA  
10 reaches a final decision in this matter. A  
11 responsiveness summary will be made available at  
12 that time.

13           In the responsiveness summary, the  
14 Illinois EPA will answer all relevant and  
15 significant questions that are raised at this  
16 hearing or submitted to me prior to the close of  
17 the comment period. The responsiveness summary  
18 will also be posted on the Illinois EPA website in  
19 the same place where the hearing notice and the  
20 draft permit have been posted. I will also  
21 arrange for the transcript of this hearing to also  
22 be posted at that web page. That should be in  
23 approximately three weeks, but it will depend  
24 largely on when I get the transcript back from the

1 court reporter.

2 The written record in this matter is  
3 scheduled to close on July 31st, 2015. Those  
4 submitting comment by mail will need to mail them  
5 so that they arrive at Illinois EPA headquarters  
6 in Springfield no later than July 31st, 2015.

7 E-mail comments will also be accepted  
8 providing the following three conditions are all  
9 met:

10 First, they are to be sent to  
11 epa.publichearingcom@illinois.gov, and they are to  
12 be sent to that address unless other arrangements  
13 have been made with me;

14 They are received by the close of the  
15 record in this matter, again that record closes on  
16 July 31st, 2015;

17 And the subject line of the e-mail should  
18 contain either the words "Chicago CSO NPDES" or  
19 the permit number, which is IL0045012, in it.

20 Note that I will not be accepting e-mails  
21 originating on third-party systems or servers  
22 intended for submittal of multiple e-mails of the  
23 same or nearly the same comment -- content without  
24 my prior approval. This information is also

1 provided in the public notice for this hearing.

2           The Illinois EPA is committed to  
3 resolving outstanding issues and reaching a final  
4 decision in this matter in an expeditious manner.  
5 However, the actual decision date will depend upon  
6 a number of factors, including the number of  
7 comments received, the substantive content of  
8 those comments, as well as other factors.

9           During the hearing and comment period,  
10 relevant comments, documents, and data will be  
11 placed into the hearing record as exhibits.  
12 Please send all written documents or data,  
13 including comments, to my attention at Dean  
14 Studer, Hearing Officer, regarding Chicago CSO  
15 NPDES, Illinois EPA, 1021 North Grand Avenue East,  
16 PO Box 19276, Springfield, Illinois 62794. And  
17 again, this address is also listed on the public  
18 notice for the hearing today.

19           Again, I please ask that you indicate  
20 either "Chicago CSO NPDES" or the permit number  
21 which is "IL0045012" on your comments, and that  
22 will help ensure that those comments become part  
23 of this hearing record.

24           I will now ask the Illinois EPA panel to

1 introduce themselves. This will be followed by  
2 Kaushal Desai giving a brief overview of the  
3 permit.

4 MR. PATEL: I am Jay Patel with the Operation  
5 Office, nine county areas, including Cook County.

6 MS. TERRANOVA: Hi. I am Sara Terranova with  
7 the Division of Legal Counsel.

8 MS. DRAGOVICH: Amy Dragovich, and I am the  
9 manager of the Northern Municipal District Permits  
10 Section.

11 MR. DESAI: Good afternoon. My name is  
12 Kaushal Desai, and I am an environmental  
13 protection engineer with the Illinois EPA. I  
14 would like to thank everyone for attending today's  
15 public hearing.

16 The City of Chicago Combined Sewer  
17 Overflow NPDES permit is for discharges from CSOs  
18 within the combined sewer collection system for  
19 the City of Chicago. This permit authorizes  
20 discharge from 184 Combined Sewer Overflows. The  
21 flow from these discharges varies.

22 The receiving streams are the North Shore  
23 Channel, North and South Branch of the Chicago  
24 River, Chicago River, Sanitary and Ship Canal,

1 Calumet River, Des Plaines River, North Branch  
2 Canal, Collateral Canal, South Fork of the South  
3 Branch Chicago River, Little Calumet River, and  
4 Calumet and Sag Channel.

5 I also wanted to mention that The Tunnel  
6 and Reservoir Plan is a long-term control plan for  
7 the Chicago Metropolitan area and that all dry  
8 weather flows, the first flush of the storm flows,  
9 and additional flows, but not less than ten times  
10 the average dry weather flow for the design year,  
11 shall be conveyed to the tributary MWRDGC Water  
12 Reclamation plant for treatment. Overflows during  
13 dry weather are prohibited.

14 Some of the other requirements will have  
15 the permittee comply with the nine minimum  
16 controls contained in the National CSO Control  
17 Policy and update their Pollution Prevention Plan  
18 to reflect system modifications.

19 The permittee shall evaluate sensitive  
20 areas and update their Operational and Maintenance  
21 Plan as well as sewer use ordinances.

22 There are also conditions for a public  
23 notification program in accordance with the  
24 federal CSO policy and monitoring requirements.

1           The effluent, alone or in combination  
2 with other sources, is prohibited from causing or  
3 contributing to a violation of any applicable  
4 water quality standard.

5           HEARING OFFICER STUDER: Thank you, Kaushal.

6           I will now go over the process for making  
7 comments during this hearing. I have also added  
8 a few comments regarding and describing what  
9 comments Illinois EPA considers when making the  
10 final decision in this matter.

11           As hearing officer, I intend to treat  
12 everyone here this afternoon and this evening with  
13 respect and in a professional manner. I ask that  
14 the same respect be shown to the hearing panel and  
15 members of the audience. You may disagree with or  
16 object to some of the statements and comments  
17 made, but this is a public hearing and everyone  
18 has a right to express their comments on this  
19 draft permit and the issues related to it.  
20 Arguing or prolonged dialogue with others will not  
21 be permitted during this hearing.

22           I will remind everyone that we have a  
23 court reporter here making a verbatim record of  
24 this hearing. For her sake and in the interest of

1 obtaining an accurate transcript of this hearing,  
2 I ask that the noise level in the room be kept to  
3 a minimum. Consequently, applause, booing,  
4 hissing, or other sounds will not be allowed  
5 during this hearing. If you have a cell phone or  
6 pager, please silence them at this time if you  
7 have not already done so.

8           Written comments may be submitted to the  
9 Illinois EPA at anytime within the public comment  
10 period, and that ends on July 31st, 2015.

11 Comments must be received by the Illinois EPA no  
12 later than that date. This hearing is the only  
13 time that the Illinois EPA will accept oral  
14 comments.

15           If you have lengthy oral comments, it  
16 will be helpful to submit them to me in writing  
17 before the close of the comment period and I will  
18 ensure that they are included in the hearing  
19 record as exhibits.

20           Please keep your comments relevant to the  
21 issues involved with this permit. If your  
22 comments fall outside the scope of this hearing, I  
23 may ask you to proceed to your next relevant  
24 issue.

1 I will allow those making comments,  
2 initially I will allow them to have five minutes  
3 to make comments. After everyone who has  
4 registered to speak has had an opportunity to  
5 speak, if time still permits, I may allow those  
6 who initially did not desire to speak to do so.  
7 If time still permits, I may then return to those  
8 who ran out of time initially.

9 Because we must be out of this building  
10 no later than 6:00 p.m., I cannot guarantee that  
11 those arriving later will all have an opportunity  
12 to provide oral comments. However, I will accept  
13 written comments from everyone, provided that I  
14 have them by the end of the close of the comment  
15 period, and again that's July 31st, 2015.

16 We want to avoid repetition. If anyone  
17 before you has already presented a statement or  
18 comments that is contained in your comments,  
19 please skip over those issues when you speak. If  
20 someone has already said what you intended to say,  
21 you may pass when I call your name to come  
22 forward. Once a point is made, it makes no  
23 difference if that point is made 99 times, it will  
24 be considered on its merit and will be addressed

1 only once in the responsiveness summary. The  
2 decision of the Illinois EPA will not be based on  
3 the number of people that desire a certain  
4 outcome, but rather will be based on whether or  
5 not a permit can lawfully be issued under existing  
6 laws and regulations.

7           The issues that are relevant in the  
8 Illinois EPA final decision are those that  
9 directly relate to the content of the permit and  
10 the regulations governing the issuance of that  
11 permit. Simply stating opposition or support for  
12 this permit will not impact the Illinois EPA  
13 decision in this matter. The Illinois EPA has  
14 only the power given to it by the Illinois  
15 Environmental Protection Act and to a certain  
16 extent also by federal regulations as administered  
17 by U.S. EPA. Illinois EPA's decision-making is  
18 limited to those items associated with  
19 environmental issues and other items as determined  
20 by state and federal law. In this case, relevant  
21 issues must again relate to the water discharge  
22 permit in some way. Please keep this in mind when  
23 speaking this afternoon and also when filing  
24 written comments.

1           When it is your turn to speak, I will  
2 call your name. Please come forward to the  
3 podium. I will then call a second name and that  
4 person should be prepared to give their comments  
5 once the current speaker has finished. The second  
6 person should take a seat, when their name is  
7 called, in the front row, and this way we hope to  
8 minimize the amount of down time between speakers.

9           When I call your name, if you do not  
10 desire to speak, or someone has already said what  
11 you were prepared to say, you may pass and I will  
12 announce another name. When the person speaking  
13 has completed their comments, I will announce the  
14 name of the person to give comments, and then the  
15 name of the person to provide comments when the  
16 current commenter is completed.

17           When giving comments, please speak  
18 clearly and project your voice into the microphone  
19 so that all can hear. State your name and, if  
20 applicable, any governmental body, organization,  
21 or association that you represent. If you are not  
22 representing a governmental body, an organization,  
23 or an association, you may simply indicate that  
24 you are a concerned citizen or a member of the

1 public.

2 For the benefit of the court reporter, I  
3 ask that you spell your last name. If there are  
4 alternate spellings of your first name, you may  
5 also spell that if you desire.

6 Comments are to be directed to members of  
7 the hearing panel. This will help to ensure that  
8 an accurate transcription of your comments is  
9 made. Again, prolonged dialogue with the hearing  
10 panel or with others in attendance will not be  
11 allowed.

12 Are there any questions regarding the  
13 procedures that we'll be using to conduct this  
14 hearing?

15 Let the record indicate that no one  
16 raised their hand.

17 The first person to speak this afternoon  
18 will be Joe Byrd. If you would come forward to  
19 the podium. The second person after Mr. Byrd is  
20 David Rigg, and if he would come forward and take  
21 a seat in the front row, I would appreciate that.

22 MR. BYRD: My name is Joe Byrd, B-Y-R-D, and I  
23 am with Chicago Training Center --

24 HEARING OFFICER STUDER: You are going to have

1 to speak into the mic. I can hear you, but I  
2 don't know about anybody in the back.

3 MR. BYRD: Is this better?

4 HEARING OFFICER STUDER: Yes, that's good.

5 MR. BYRD: My name is Joe Byrd. B-Y-R-D. I  
6 am with Chicago Training Center, and I am the  
7 board chairman of the organization. We are a free  
8 rowing program for sixth to twelfth grade. We row  
9 on Bubbly Creek. Bubbly Creek is the most  
10 repulsive body of water that I've experienced  
11 personally, and I've been coaching them for five  
12 years, after CSO events.

13 In addition to its normal water quality,  
14 it is teeming with used condoms and sanitary  
15 napkins. I fail to see how that is not  
16 detrimental to the water quality of Bubbly creek.

17 That's the extent of my comment.

18 HEARING OFFICER STUDER: Thank you, Mr. Byrd.

19 David Rigg, and he will be followed by  
20 Joel Scata.

21 MR. RIGG: Good afternoon. My name is David  
22 Rigg. R-I-G-G. I've been paddling with the  
23 volunteer canoe program with Friends of the  
24 Chicago River which is in about its 20th year now.

1 So in the course of 20 years, I have seen the  
2 experience of the river change dramatically. When  
3 we started, there was obstacles such as barbed  
4 wire. When putting your canoe in, you had to  
5 throw it over the fence.

6 What's happening in the course of time is  
7 now we have canoe launches throughout the city, we  
8 have places to park, places to store your boat.  
9 Thousands and thousands of people now utilize this  
10 river every summer and throughout the year. Our  
11 program alone has taken thousands and thousands of  
12 people out in the past 20 years down the Chicago  
13 River, North Branch, South Branch, and Downtown.  
14 This includes families, families with children.

15 The environment after a CSO is not only  
16 disgusting, but it's unsafe. We don't know that  
17 until we get there, quite frequently, and it's --  
18 quite frankly, it's embarrassing to explain to  
19 these people, who are having their first  
20 experience with the Chicago River, what we  
21 lovingly call Chicago River white fish and Chicago  
22 River jelly fish are all about and where they come  
23 from.

24 That's the extent of my comment.

1 HEARING OFFICER STUDER: Thank you.

2 Mr. Scata will be followed by Tom Judge.

3 MR. SCATA: Good afternoon. My name is Joel  
4 Scata, S-C-A-T-A, and I am with the National  
5 Resources Defense Council.

6 NRDC is an international nonprofit  
7 environmental organization with more than 2.4  
8 million members and online activists. Our staff --

9 THE COURT REPORTER: I'm not hearing him.

10 HEARING OFFICER STUDER: You are going to have  
11 to speak a little more into the mic.

12 MR. SCATA: Our staff works in partnership  
13 with a range of organizations, including many who  
14 are here today, to improve the health of the  
15 Chicago River and Lake Michigan.

16 The Chicago River is an essential part of  
17 Chicago's identity. In the last few years, we've  
18 seen a revival taking place along its banks. The  
19 \$22 million riverwalk extension project is the  
20 culmination of a long-term, multigenerational  
21 commitment to turn the river into another  
22 beautiful amenity for Chicagoans. Not  
23 surprisingly, development along the river in both  
24 the central business district and in the

1 neighborhoods has increased dramatically. In  
2 recent decades the use of the river for a range of  
3 recreational activities, including canoeing,  
4 kayaking, and sightseeing has exploded. Chicago  
5 Green Stormwater Infrastructure Strategy and Great  
6 Rivers Chicago highlight the important role the  
7 river will play in the future of the city.

8           This investment in the river is exactly  
9 why this draft permit must be revised to ensure  
10 that it's fully protective of water quality and  
11 human health. The dumping of untreated sewage and  
12 other pollutants resulting from CSOs into the  
13 Chicago River contributes to pollution problems in  
14 Chicago, downstream, and, as we've seen too often  
15 in recent years, Lake Michigan. Raw sewage and  
16 other pollution entering the combined system  
17 contains bacteria, viruses, and other pathogens  
18 that pose a significant health risk to the people  
19 and animals that make use of the waterways  
20 receiving Chicago's CSOs.

21           NRDC and our partners have identified a  
22 number of flaws in the draft permit. To address  
23 those flaws, NRDC urges the Illinois Environmental  
24 Protection Agency, IEPA, to ensure that the

1 following questions are addressed in the final  
2 permit:

3           One, Is the City's Operational and  
4 Maintenance Plan current and reflective of system  
5 modifications? Why was this plan last revised in  
6 2006 but not approved by IEPA until 2013? How  
7 will IEPA ensure that future delays do not occur?  
8 What is the process required for the city to  
9 revise or make changes to this plan?

10           Two, In the past, the city has made  
11 changes to the plan without notifying or receiving  
12 approval from IEPA and without notifying or  
13 involving the public. How will the requirements  
14 in this permit prevent this from happening in the  
15 future?

16           Three, Why did this permit allow central  
17 Clean Water Act requirements to be addressed  
18 post-permit, following future monitoring and  
19 analysis? This includes the requirements for  
20 sensitive area analysis, the development of  
21 permittee's Pollution Prevention Plan, and its CSO  
22 Operation and Maintenance Plan, with the latter to  
23 embody all nine minimum controls requirements. If  
24 the permit requires a subsequent plan, how can the

1 public effectively comment on it, as the plan will  
2 not be implemented until well after the comment  
3 period? The nine minimum controls are required to  
4 be implemented through use of the Agency's best  
5 professional judgment, and it is essential that  
6 the public be afforded the opportunity to weigh in  
7 on that judgment. It is equally important that  
8 those plans then be clearly incorporated to the  
9 permit.

10 Four, Does the state consider TARP to be  
11 the long-term control plan for the City of Chicago  
12 CSOs? If so, what evidence does the state have  
13 that TARP will solve the city's CSOs? It would  
14 seem especially critical to identify whether or  
15 not TARP is the LTCP for the city, given  
16 unequivocal statement by U.S. EPA and IEPA that  
17 the requirements in the consent decree associated  
18 with TARP implementation apply only to MWRD's  
19 outfalls, not the city's. How can the state  
20 consider TARP to be the city's long-term control  
21 plan when it has expressly taken the position that  
22 MWRD has no responsibility to correct CSOs it does  
23 not own, including the city's?

24 Thank you for the opportunity to testify

1 on this important matter today.

2 HEARING OFFICER STUDER: Thank you. Thank  
3 you, Mr. Scata.

4 Tom Judge, and you will be followed by  
5 Dale Bryson.

6 MR. JUDGE: Good afternoon. My name is Tom  
7 Judge, spelled like a judge in a courtroom. I am  
8 representing myself. I am also a volunteer with  
9 the Chicago River Canoe Program, but I am not  
10 representing Friends of the River today.

11 HEARING OFFICER STUDER: Can everyone hear?  
12 Okay.

13 MR. JUDGE: I want to talk about the  
14 increasing numbers of people that are coming out  
15 on the river. In our Friends programs, you have  
16 new boathouses that have been built along the  
17 river, you have a riverwalk, and many stretches of  
18 the riverwalk don't have any railings, they are  
19 designed for people to literally get in touch with  
20 the river, although it's been a little cold, you  
21 are going to see people sitting, kicking their  
22 feet in the water on hot days. When you have the  
23 CSOs, you have all this solid matter and it's  
24 disgusting.

1           The second thing is, this past Sunday I  
2 was on a friend's trip. Actually, it was the  
3 Chicago Park District trip. Approximately 40  
4 people got on the river, many for the very first  
5 time. We were very lucky, we saw several black  
6 ground herring, green herring, blue herring, we  
7 saw a snapping turtle almost as big as that  
8 tabletop. And I can see all these people,  
9 probably like me, you get off the river and you  
10 think all of this stuff is going to be dumped in  
11 there on top of all these animals, it's  
12 disgusting.

13           Finally, from personal history, almost 50  
14 years ago I was a U.S. Marine sliding through some  
15 rice paddies in South Viet Nam (inaudible), but  
16 that was a third world country. How can Chicago  
17 consider itself a world class city if it's going  
18 to dump this stuff right in the waterways that so  
19 many people are using every day?

20           Thank you.

21           HEARING OFFICER STUDER: Thank you.

22           Dale Bryson is coming to the podium. He  
23 will be followed by Chris Parson.

24           MR. BRYSON: Good afternoon. My name is Dale

1 Bryson. B-R-Y-S-O-N. I am here speaking as a  
2 concerned citizen, and in the interest of full  
3 disclosure, I am a member of the Alliance for the  
4 Great Lakes and was Chairman of their Board of  
5 Directors for several years. In a former life I  
6 was a senior (inaudible).

7 Illinois EPA is well aware of the  
8 increased uses that are being made on the Chicago  
9 area waterway system. You've done a marvelous job  
10 of upgrading the standards, which is wonderful,  
11 which means that we are going in the right  
12 direction.

13 My comment deals with the Clean Water Act  
14 and the national CSO policy and what it requires.  
15 The major water pollution problem in Chicago is  
16 the Chicago waterway system, is CSOs from the  
17 district as well as from Chicago. Probably the  
18 largest number of CSOs in the country. The CSOs  
19 need to be regulated through the NPDES permit. It  
20 is absolutely vital that this permit be a good  
21 permit that does that, that really controls those  
22 CSOs. Otherwise, you are going to wait another  
23 decade before the next permit is issued, and  
24 that's just too long to wait to make an effort for

1 the problems that are occurring now.

2           The national CSO policy was issued with a  
3 lot of flexibility in it in order to give cities  
4 the opportunity to address CSOs in any phase,  
5 fashion that looked at finances that they have and  
6 so on. But the point is, the policy is critical  
7 in terms that it be followed in writing this  
8 permit. The policy was incorporated in the Clean  
9 Water Act by Congress, which was a very important  
10 step. That means that if the policy is violated,  
11 the Clean Water Act is violated.

12           Under the CSO policy, the first critical  
13 element is the technology-based requirement that  
14 communities do nine minimum controls. The nine  
15 minimum controls are really, really important  
16 because they are -- they don't require a lot of  
17 engineering studies, they require just doing best  
18 management practices that every discharger should  
19 be doing. The nine minimum controls are not a  
20 temporary process, a temporary measure. They are  
21 an ongoing effort that must occur constantly and  
22 they must be improved. The nine minimum controls  
23 have not been reviewed and upgraded by Chicago for  
24 many, many years. It's critical that this permit

1 require a very detailed review and assessment of  
2 those nine minimum controls to upgrade them the  
3 way they should be.

4 Another fundamental aspect of the CSO  
5 policy was the fact that CSO communities must  
6 really identify where their CSOs are, how much  
7 they discharge, what is the frequency of  
8 discharge, and the impacts those discharges have  
9 on the receiving streams.

10 Based upon the U.S. EPA of 2004 report,  
11 that report says that Chicago does not know where  
12 all of their discharges are, and whether they do  
13 discharge, and the quantity that they discharge.  
14 That is a major, major, major violation of the  
15 Clean Water Act. This new permit really must  
16 address that issue requiring Chicago to identify  
17 those discharges and have a program to know when  
18 they discharge, how much, and the impact in the  
19 receiving stream.

20 Chicago combined sewers can be discharged  
21 to the TARP system. Unfortunately, TARP has many  
22 serious operational problems. Those operational  
23 problems came to light in documents submitted by  
24 the District to Illinois EPA and U.S. EPA as part

1 of the lawsuit against -- the two environmental  
2 agencies against the District.

3 Because of those key words, known  
4 operational problems, on many occasions TARP shuts  
5 down its tunnels. That means Chicago CSOs are  
6 discharged raw into the rivers. That issue really  
7 needs to be addressed in this new permit. It is  
8 critical if there's ever going to be a handle on  
9 Chicago CSO districts.

10 Another critical element that a couple of  
11 other speakers have mentioned is the long-term  
12 control plan. The plan is supposed to delineate  
13 how a city will ever completely control its CSO to  
14 provide attainment of water quality standard. The  
15 CSO policy has been in practice -- has been in  
16 place since 1994. We are now in 2015. Chicago  
17 does not have a long-term -- an approved long-term  
18 control program. That's a major violation of the  
19 Clean Water Act. That is something that clearly  
20 must be addressed in this permit. TARP was  
21 scheduled to be completed in 2029. We should not  
22 have to wait until 2029 to find out what Chicago  
23 is going to do to control its ongoing combined  
24 sewer overflows.

1           The draft CSO permit contains a great  
2 deal of very vague and general language. As such,  
3 it is extremely difficult for the permittee and  
4 the general public to understand what is truly  
5 required of the permittee. That makes it almost  
6 impossible to assess compliance with many  
7 conditions in the permit.

8           That lack of transparency must be  
9 addressed in any reissued NPDES permit. We ought  
10 to be able to look at that permit and assess  
11 whether Chicago is doing what it should be doing.  
12 Right now if you read that draft permit, there's  
13 no way you can determine that.

14           U.S. EPA working with the states and a  
15 number of other agencies developed a series of  
16 guidance documents for use by state agencies in  
17 writing permits. There's a guidance document, one  
18 entitled Combined Sewer Overflows Guidance for  
19 Permit Writers. Another one, Guidance for Nine  
20 Minimum Controls. Another one, Guidance for the  
21 Long-Term Control Plans. I really urge Illinois  
22 EPA to pay attention to those guidance documents  
23 when you do that final permit. There's a large  
24 number of things in the draft permit that are left

1 out from what the guidance requires.

2 In conclusion, there is intense interest  
3 in the Chicago area for the improvement of the  
4 Chicago area waterway system. Just last week,  
5 Mayor Rahm Emanuel stood on the banks of the river  
6 at the dedication of the new portion of the  
7 riverwalk and said that the city really needs  
8 clean water.

9 Chicago's Visionary Stormwater Strategy  
10 Report says, and I will quote, "Chicagoans before  
11 us asked us to preserve our fresh water essence.  
12 Now it is our turn to build upon that effort to  
13 improve stormwater management and enhance our  
14 waterways." That strategy report also says,  
15 quote, "Dealing with stormwater management  
16 challenge is critical for the future of the city."

17 I couldn't agree more. Any reissued  
18 NPDES permit should further Chicago's -- Chicago's  
19 stated objective of improving that river.

20 I thank the Illinois EPA for this hearing  
21 and for all you've been doing on improving the  
22 Chicago area waterway system. Thank you.

23 HEARING OFFICER STUDER: Thank you,  
24 Mr. Bryson.

1           And Chris Parson I see coming to the  
2 podium. He will be followed by Albert Ettinger.

3           MR. PARSON: Thank you very much. My name is  
4 Chris Parson. P, as in Peter, A-R-S-O-N. I am  
5 representing myself, although I am a canoe guy for  
6 the Friends of the Chicago River.

7           Like two other previous speakers, I will  
8 try not to be redundant. My most serious concern  
9 is about the perception of the river that's left  
10 when we have a significant number of CSOs that we  
11 suffer today. Thousands of people are using the  
12 river every day, rowers, you are going to hear  
13 from them later, paddlers, we have four or five  
14 vendors who are renting canoes to people. There's  
15 no way for those people or those vendors to warn  
16 their customers as to the condition of the river.

17           I get a notice from the MWRD on a text  
18 sometimes in the middle of the night, much to my  
19 wife's chagrin, that there has been a CSO  
20 discharge, and it tells me generally what part of  
21 the river has been impacted by that, but if I am  
22 on the river, if I am planning to go to the river,  
23 and I don't have myself signed up for that  
24 morning, how would I know whether there's any risk

1 involved or not?

2 In my view, the MWRD has spent a  
3 tremendous amount of resources and money  
4 predicting the weather. They know when  
5 significant rain events are going to come. They  
6 know they can create an algorithm that will tell  
7 them if we are predicted to have two inches of  
8 rain, that there's going to be a CSO. They can  
9 provide a warning system that way to us, which we  
10 have to sign up for. But imagine who would sign  
11 up for it? Chicago Canoe and Kayak, Chicago  
12 Kayak, water riders, Urban Kayak. All of those  
13 vendors would want to know when the water is going  
14 to be unsafe for their customers.

15 In addition and in conclusion, I would  
16 say that I don't know anything about the permit  
17 like the previous speaker, who I respect greatly  
18 for having read the draft proposal, I have not,  
19 but I can't imagine that we would issue a permit  
20 that's good for 10 years without establishing some  
21 goal for reduction of CSOs. My understanding is  
22 that that's not in the permit currently. There  
23 should be some goal that the city should have to  
24 meet. There should be some penalty if they fail

1 to meet that goal. Obviously, we can't control  
2 the weather. Obviously, the reality is that  
3 sometimes the weather causes CSOs, we all  
4 understand that, but there has to be some  
5 consequence, there has to be something to work  
6 toward.

7 I want to thank the Illinois EPA for  
8 holding these hearings and providing me an  
9 opportunity to speak. Thank you very much.

10 HEARING OFFICER STUDER: Thank you.

11 Mr. Ettinger is coming to the podium. He  
12 will be followed by Cindy Skrukrud.

13 MR. ETTINGER: Hello. I am Albert Ettinger.  
14 I am the general counsel of the Illinois Chapter  
15 of the Sierra Club, I am also a member of the  
16 Sierra Club. I am also a resident of the City of  
17 Chicago and I have paddled in just about all of  
18 Chicago area waters here in a canoe.

19 THE COURT: Spell your last name for the  
20 record.

21 MR. ETTINGER: E-T-T-I-N-G-E-R.

22 HEARING OFFICER STUDER: Thank you.

23 MR. ETTINGER: I would just like to start off  
24 by saying that I think, although the permit is

1 somewhat waffling on this, the basic view of the  
2 permit is fundamentally misguided. It's based on  
3 false premise that the Metropolitan Water  
4 Reclamation District is going to take care of  
5 Chicago's CSOs. It will not. It has said in  
6 federal court it will not. It is not taking  
7 responsibility.

8           The City of Chicago has been thrown under  
9 the bus on this point by the Metropolitan Water  
10 Reclamation District, and the permit should  
11 reflect that. The permit has got to stand on its  
12 own two feet. All of the monitoring, all of the  
13 restrictions, all of the plans have to be written  
14 clearly and legally in this permit so that it's  
15 enforceable against this discharger. It cannot  
16 lean on the Metropolitan Water Reclamation  
17 District.

18           Secondly, the reliance on TARP is totally  
19 unjustified in the record. There have been no  
20 recent studies of TARP. Ask the IEPA to consider  
21 whether it will take steps to whether it believes  
22 that TARP will solve these problems. Our Water  
23 Reclamation District is not even claiming to cover  
24 the (inaudible), including the analysis in other

1 proceedings that TARP will even fix the CSOs from  
2 the Metropolitan Water Reclamation District, let  
3 alone the City of Chicago.

4           There is a theory that's been proposed,  
5 or, I guess, an unwritten decision by the  
6 Metropolitan Water Reclamation District, the  
7 Illinois Environmental Protection Agency, even,  
8 perhaps, the U.S. Environmental Protection Agency,  
9 and, perhaps, the City of Chicago, that will just  
10 kick the ball down the road until 2029 and see  
11 what TARP brings us then. That's going to prorate  
12 for a number of reasons.

13           First of all, with all due respect to  
14 Mr. Bryson, who I respect a great deal, the  
15 Metropolitan Water Reclamation District has not  
16 even promised to finish TARP in 2029. It promised  
17 to finish TARP as soon as the rock is taken out of  
18 the quarry by Vulcan Materials, and they are not  
19 doing anything hastily.

20           So in between now and then, what is going  
21 to happen? Well, we don't know. What we are  
22 doing is just saying we are going to put off  
23 addressing this problem for those many years when  
24 we could be acting now to reduce the problem and

1 must act now to reduce the problem.

2 I would like to just mention a couple of  
3 other problems.

4 One, it's been alluded to before, this  
5 permit must be very specific. It's got to spell  
6 out everything that should be done. The idea of  
7 putting things off and developing a long-term  
8 control plan and presenting them to the public  
9 without the public having an opportunity to appeal  
10 or to review what is in that long-term control  
11 plan has already been rejected by the United  
12 States Federal Court. It is not legal to write an  
13 IOU in your NPDES permit and say six months from  
14 now or a year from now we will come up with a plan  
15 that will address this. We don't accept the dog  
16 ate my homework as part of that. You've got to  
17 put it up front so that the public can see it and  
18 comment on it and see whether it will work.

19 I guess the last point I just would make,  
20 these are relatively small points, is the  
21 monitoring. It's unclear who is going to do it.  
22 It's unclear who's legally responsible to do it.  
23 Some of the monitoring that's been suspended  
24 without EPA's permission is clearly critical.

1           In particular, continuous (inaudible)  
2 oxygen monitoring. It should be done in the area  
3 of the North Shore Channel, north of the O'Brien  
4 plan and in the Little Calumet to the east of the  
5 Calumet plan. These are both areas which the  
6 Water Reclamation District has said are actually  
7 receiving Water Reclamation District waste water,  
8 but they are certainly also receiving numerous  
9 CSOs. These are all areas, particularly the  
10 Little Calumet area, are areas which includes  
11 foreign environmental justice considerations.

12           Thank you.

13           HEARING OFFICER STUDER: Thank you.

14           Cindy Skrukud is coming to the podium,  
15 and she will be followed by Katrina Phillips.

16           MS. SKRUKRUD: Good afternoon. My name is  
17 Cindy Skrukud. My last name is spelled  
18 S-K-R-U-K-R-U-D. I am the clean water advocate  
19 for the Illinois Sierra Club and I am also a  
20 Sierra Club member.

21           Sierra Club's two thousand members who  
22 live in the City of Chicago enjoy being outdoors  
23 and recreating along the city's rivers. They  
24 boat, paddle, hike, bike, dine along, and just

1 enjoy the aesthetics of the city's second  
2 waterfront, and they want the water in the rivers  
3 to be clean not only for their own personal health  
4 and safety when they are on the water, but also to  
5 provide a better home for the fish, birds, otters,  
6 and other creatures that rely on the rivers.

7 Sierrans are excited about the  
8 improvements of the water quality in Chicago  
9 rivers and they will result in increased water  
10 quality that we've seen in recent years, and wish  
11 to see that trend continue. We are anxious that  
12 the permit for Chicago CSOs fosters that trend.

13 So I want to thank the Illinois EPA for  
14 holding this public hearing today and I have some  
15 questions about the draft permit.

16 So this permit looks, and you've heard  
17 this a bit from other speakers, this permit looks  
18 a bit unusual to me, as there are so many places  
19 where MWRD is referenced. I understand that the  
20 city's sewers convey flow, MWRD interceptive  
21 sewers, making this a more complicated system that  
22 we see in many other CSO communities. But can the  
23 distinct responsibilities for the City of Chicago  
24 and MWRD be better delineated in the permit so

1 that it is clear what agency is required to do  
2 what?

3 For example, if you look on Page 6 of the  
4 draft permit, that Special Condition 3 and Item 3  
5 under Treatment Requirements, the last sentence in  
6 this part says, "This program shall be coordinated  
7 with MWRDGC."

8 So my question to you is, should I read  
9 all the requirements in this permit condition,  
10 which deals with permitting, accumulation of  
11 sludge deposits, flooding (inaudible), solids,  
12 should I read that requirement to be the  
13 responsibility of the City of Chicago?

14 MS. DRAGOVICH: Yes. The City is responsible  
15 for the conditions of the permit. The City is  
16 responsible for the conditions of the permit.

17 MS. SKRUKRUD: So maybe you can elaborate on  
18 what you mean when you include in that section,  
19 "This program shall be coordinated with MWRD."

20 MS. DRAGOVICH: MWRD does have boats and some  
21 other resources that they use to help the city.  
22 So there are some resources that the MWRD has that  
23 the city might not as they coordinate.

24 MS. SKRUKRUD: So you can see how this is for

1 us, reading this permit, it's really difficult for  
2 us to understand, you know, what specifically is  
3 IEPA asking of the city in that permit condition.  
4 So that's an example of the kinds of things that  
5 we would like to see better delineated in the  
6 program.

7 MS. TERRANOVA: Can you specify other examples  
8 that you have, maybe not right now but in writing,  
9 so that we can see what specifically you are  
10 saying so we can clarify it?

11 MS. SKRUKRUD: Yes, and I know that we have  
12 other speakers that are going to point out other  
13 instances in the draft permit. So we will make  
14 sure that either we state it today or in writing.

15 MS. TERRANOVA: Okay, thanks.

16 MS. SKRUKRUD: My second question is, how is  
17 the City of Chicago supposed to know when CSOs  
18 occur? Is there a system required for MWRD to  
19 communicate to the city when the TARP tunnel will  
20 be closed? We aren't aware of such a system being  
21 in place.

22 MR. PATEL: They are supposed to put it on the  
23 website. If it's not done, we will ask them to do  
24 it.

1 MS. SKRUKRUD: Yes. I know other folks that  
2 are here to comment have some more questions about  
3 that public notification system regarding letting  
4 people know via website when there are CSO  
5 overflows. So I will leave that to them to  
6 question.

7 But I just wonder, does the IEPA require  
8 MWRD to notify the City of Chicago so that the  
9 City of Chicago knows when its CSOs are not going  
10 to be going into TARP and they will -- when its  
11 combined sewers are not going into TARP and there  
12 will be CSOs from the City of Chicago south walls?

13 My next question is, I read the letter  
14 that the City of Chicago sent in April 2014 to  
15 IEPA commenting on their draft permit. In it, the  
16 city objects to Special Condition 7 that required  
17 a (inaudible ) management operations and  
18 maintenance plan that included requirements for  
19 evaluating and assessing basement backups. So the  
20 city objected to this, but in that same letter  
21 they also said they are addressing basement  
22 backups, one area where the city says it's making  
23 massive investments.

24 Now, I don't see Special Condition 7 in

1 the draft permit you put on public notice. So I  
2 want to know why did you remove it and is there  
3 some other mechanism now in the permit that I am  
4 missing by which IEPA is requiring the city to  
5 assess its progress on reducing basement backups?

6 MS. DRAGOVICH: I believe the condition was  
7 taken out because the city does not have a  
8 separate sanitary sewers system, and the CMOM  
9 program is for a separate sewer system.

10 MS. SKRUKRUD: So I understand that you  
11 couldn't necessarily -- that you decided that a  
12 capacity management operation maintenance plan was  
13 appropriate for city's separate sewers. But does  
14 that mean that IEPA -- it seemed like you at one  
15 point were thinking that a good way to be tracking  
16 improvements by the city would be for them to  
17 evaluate and assess basement backups. Is that  
18 something that you've now decided is no longer  
19 appropriate to include as a condition in this  
20 permit?

21 MS. DRAGOVICH: I think it's covered by other  
22 conditions in the permit, like the OEM, and the  
23 (inaudible) prevention, sewer ordinance.

24 MS. SKRUKRUD: Okay. So those, again, are the

1 ones where it's troubling to us that it's not in  
2 the permit, that it's in something that the public  
3 doesn't necessarily easily get to see.

4 I have more questions, Dean. Do you want  
5 me to keep going?

6 HEARING OFFICER STUDER: How many more do you  
7 have, Cindy?

8 MS. SKRUKRUD: Oh, I have about five more. I  
9 can come back later.

10 HEARING OFFICER STUDER: I can't guarantee we  
11 will come back to you.

12 MS. SKRUKRUD: Let me ask my next one. You  
13 just cut me off when you need to.

14 So I've reviewed Appendix A of the  
15 Combined Sewers Overflow Guidance for Permit  
16 Writers, and in that appendix, that appendix gives  
17 example of CSO permit conditions. One example  
18 included an implementation schedule for CSO  
19 controls. So it was suggesting in the permit, you  
20 can list activities that were going to be  
21 completed and their completion dates.

22 Couldn't something like that be included  
23 in this permit to reflect the specifics of the  
24 city's aggressive capital improvement plan which

1 goes through 2022 to replace and reline sewers?  
2 That's something the city says it's doing, as well  
3 as their \$50 million -- billion stormwater  
4 infrastructure plan, which is scheduled to be  
5 implemented over five years through 2019?

6 I am suggesting that, you know, we need  
7 more specifics in the -- within the permit itself.  
8 This could be, also, where you would list  
9 implementing the progress in addressing basement  
10 backups and other activities associated with  
11 reducing the city's CSOs.

12 I have a question about --

13 MS. TERRANOVA: Hold on, Cindy. You reference  
14 the city capital improvement plan. Is that what  
15 you said?

16 MS. SKRUKRUD: The city's aggressive capital  
17 improvement plan.

18 MR. DESAI: That was mentioned, I believe, in  
19 the comments section. And once you mentioned  
20 that, we will look into it. I haven't gotten a  
21 chance to look at it completely, but, you know,  
22 it's something that we need to consider when we go  
23 back to take a look at that closely.

24 MS. SKRUKRUD: Great. Thank you.

1           So then I had a question about Special  
2    Condition 6 which is, again, quite vague. Why  
3    doesn't the IEPA in this permit just require the  
4    city to straight out evaluate and detail its  
5    efforts to control infiltration and inflow into  
6    its sewer system on an annual basis? Special  
7    Condition 6 just says, well, you may modify the  
8    permit to include requirements. I just don't  
9    understand why you are not doing it right now.

10        MS. TERRANOVA: Can you repeat your question,  
11    though? I am sorry, we were flipping our pages.

12        MS. SKRUKRUD: So that Special Condition is  
13    quite vague. And so my question was, why doesn't  
14    the IEPA in this permit just straight out require  
15    the city to evaluate in details its efforts to  
16    control infiltration and inflow to its sewer  
17    system on an annual basis? Why does this Special  
18    Condition say the permit may be modified to  
19    include requirements to continually evaluate  
20    controls of infiltration and inflow? It seems  
21    very wishy-washy.

22        MS. DRAGOVICH: There are requirements in the  
23    permit for them to be evaluated on Page 9.

24        MS. SKRUKRUD: So what does Special Condition

1 6 give you in addition to that?

2 MS. DRAGOVICH: It has been noted we may  
3 modify our permit. I think that's all in the  
4 note.

5 MS. SKRUKRUD: Okay. So I looked at both the  
6 city's existing permit and the draft new permit.  
7 If you look under the -- on Page 3 of the -- Page  
8 3 of both the existing permit and the draft  
9 permit, in that first paragraph under  
10 Authorization of Combined Sewer and Treatment Plan  
11 Discharges, there's a sentence that's in the  
12 existing permit, but it's no longer in the draft  
13 permit, and I wanted to know why you took it out.  
14 It says -- the sentence says, this permit contains  
15 provisions implementing the federal Combined Sewer  
16 Overflow policy and recognizes the Tunnel and  
17 Reservoir Plan, TARP, now in the construction by  
18 MWRDGC as a long-term control plan for the Chicago  
19 Metropolitan area.

20 Now, I noted that, Dean, in your intro,  
21 you also said TARP is a long-term control plan for  
22 the Chicago metropolitan area, but I also had  
23 noted that you had taken it out of the draft  
24 permit.

1 HEARING OFFICER STUDER: Actually, I think  
2 it's in Kaushal's opening.

3 MS. SKRUKRUD: I am sorry.

4 THE COURT: That's okay.

5 MR. DESAI: That TARP was the long-term  
6 control plan for that sentence that was in the  
7 previous permit and then it's not in this draft.  
8 I will go back and look, make sure and see if it  
9 was -- why it was taken out. At this time I don't  
10 have this information in front of me, but I will  
11 look into it and get back to you.

12 MS. SKRUKRUD: Yes, other speakers have  
13 already stated it, we don't believe that you  
14 should be relying on TARP as the long-term control  
15 plan.

16 MR. DESAI: It is -- I mean, it is long-term  
17 control plan, TARP is. As I said, I will have to  
18 go back real quick and look at my notes. If it  
19 was inadvertently taken out with the new permit, I  
20 have different drafts of it, it might have been an  
21 accident.

22 MS. SKRUKRUD: I hope it wasn't an accident.  
23 I thought it was a good move.

24 Those are all my questions for now.

1 Thank you.

2 HEARING OFFICER STUDER: Thank you.

3 Katrina Phillips, and she will be  
4 followed by Anthony, it looks like, Cefali.

5 MS. PHILLIPS: Hi. I am Katrina Phillips,  
6 P-H-I-L-L-I-P-S, and I am a clean water organizer  
7 for the Illinois Chapter of the Sierra Club.

8 Our organization has many members who use  
9 Chicago waterway for recreational activity and  
10 need to be notified when CSOs occur.

11 Our members also care about clean water  
12 and want transparency in the efforts to reduce  
13 CSOs and minimize their impact. Therefore, the  
14 public notification (inaudible) of this permit are  
15 important to us and we would like to see more  
16 specific details in the permit as to what is  
17 required by the City of Chicago to ensure that the  
18 public is informed and involved in this process.

19 I have a few questions regarding these  
20 requirements, which may help inform us better on  
21 this matter. So the public notification program,  
22 it says that it may be coordinated with MWRD. And  
23 so my first question is, how does the City of  
24 Chicago notify IEPA and the general public when

1 there are CSOs from discharge points, and how are  
2 the responsibilities of the city and of MWRD  
3 dealing in regards to public notification?

4 MR. DESAI: Jay just mentioned that they do  
5 get notifications from MWRD, but they do not get  
6 it from the City of Chicago. Illinois EPA does  
7 not get it from the City of Chicago. They get it  
8 from MWRD.

9 MS. PHILLIPS: And then as far as the public  
10 notification requirement with the permit, that  
11 does still specifically apply to the City of  
12 Chicago?

13 MR. DESAI: That public notification in the  
14 permit apply to the city.

15 MS. PHILLIPS: And then there are requirements  
16 in the permit that the city provides a link on  
17 their website to the MWRD locations where public  
18 notification of CSO hearings are posted, and also  
19 that the city provide public opportunity  
20 (inaudible).

21 And so, my question for you is, how long  
22 will the city be given to combine these  
23 requirements?

24 MS. DRAGOVICH: I don't think there's a time

1 frame in the permit. So once the permit is  
2 effective, they should be complied with that.

3 MS. PHILLIPS: And then the one question I  
4 had, there have been comments made to public  
5 notification that we do not currently see being  
6 fulfilled by the city. For example, the current  
7 operation and maintenance plan states that they  
8 have a map of each CSO location on their website.  
9 However, we were unable to find this. And so how  
10 does IEPA ensure that the city's website and other  
11 methods of public information and notification  
12 that it describes in the plan?

13 MR. PATEL: I think the new permit will  
14 address all those issues as such because the old  
15 permit didn't have all those specifics. I don't  
16 know all of the requirements. So the new permit  
17 will, in fact, make sure that the publication  
18 requirements are fulfilled by the City of Chicago.

19 MS. PHILLIPS: So will there be additional  
20 requirement added to the draft permit as it is or  
21 are you saying those are already included?

22 MR. PATEL: I think as the permit stands,  
23 those requirements should be met when we finalize  
24 the permit.

1 MS. PHILLIPS: All right. If there are  
2 measures in the operation maintenance plan, is  
3 there a process where you go back and review those  
4 and make sure that they are being complied with  
5 after the initial approval of the plan?

6 MR. PATEL: I think we can do that.

7 MS. PHILLIPS: And then my final question is,  
8 is the city required to maintain a log of CSO  
9 recurrences and to publish notification plan?

10 MR. DESAI: That specific information is not  
11 in the permit. It can be part of the plans that  
12 are required by the City of Chicago to submit to  
13 us as part of what they need to do and then they  
14 would have to follow those, whatever they  
15 submitted to us.

16 MS. PHILLIPS: Okay. Thank you. Thank you  
17 for answering my questions.

18 HEARING OFFICER STUDER: Thank you,  
19 Miss Phillips.

20 Anthony Cefali, he will be followed by  
21 Timothy Schaefer.

22 MR. CEFALI: My name is Anthony Cefali.  
23 That's C-E-F-A-L-I. I am the policy and planning  
24 specialist on behalf of Friends of the Chicago

1 River.

2           On behalf of the Chicago River's board of  
3 directors, staff, and six thousand members,  
4 volunteers, and on-line advocates, I would like to  
5 express our concerns for the Illinois  
6 Environmental Protection Agency's stormwater  
7 permit for the City of Chicago. The Chicago River  
8 has experienced a great number of positive  
9 developments over the past 30 years. We have seen  
10 the expansion of river access as well as river  
11 sensitive commercial, industrial, and residential  
12 developments that have prompted the return of  
13 native wildlife and plants. Maintaining strict  
14 standards for stormwater management and clearly  
15 outlining regulatory authority and responsibility  
16 for combined sewer overflows will further our  
17 organizational goal of making the Chicago River  
18 one of the world's great metropolitan waterways.

19           Some members have commented already on  
20 the personal experience with the Chicago River.  
21 Friends would like to raise some organizational  
22 concerns as well.

23           Friends would like a much higher degree  
24 of specificity as to the specific roles and

1 responsibilities of the City of Chicago and the  
2 MWRD as it relates to monitoring at city-owned CSO  
3 outfalls, and implementation of a long-term  
4 control plan that is specific to the city's  
5 outfalls.

6 In addition, we request that a public  
7 review and comment period should be included to  
8 review the operations and maintenance plan, and  
9 the pollution prevention plan that are part of  
10 this permit. Also, the city should be required to  
11 provide a public review and comment process if  
12 changes are made to these plans during the life of  
13 the permit that affect the conditions of the  
14 permit. No permittee should be allowed to make  
15 unilateral, substantive changes to O&M or  
16 pollution prevention plans that are part of a  
17 permit without public comment.

18 Sewer overflows remain the greatest  
19 threat to water quality in the Chicago River, and  
20 their impact stands to worsen in the face of  
21 climate change. Cooperation between MWRD, the  
22 City of Chicago, IEPA, and EPA has brought about  
23 tremendous positive improvements. However, the  
24 work is not done. We ask that IEPA consider our

1 requests for the City of Chicago's new stormwater  
2 permit.

3 Thank you.

4 HEARING OFFICER STUDER: Thank you,  
5 Mr. Cefali.

6 Mr. Tim Schaefer is coming to the podium.  
7 He will be followed by David Martin.

8 MR. SCHAFER: Hello. My name is Tim Schaefer.  
9 That's S-C-H-A-E-F-E-R. I am the Dale Bryson  
10 Water Quality Affiliate with the Alliance for the  
11 Great Lakes. The Alliance has been protecting the  
12 Great Lakes for more than 40 years. With a  
13 volunteer base, that number is in the thousands.

14 I'd like to thank the Illinois EPA for  
15 giving Chicago citizens like myself a chance to be  
16 heard today.

17 I grew up in Glendale, Wisconsin, about a  
18 15-minute walk from Lake Michigan, and I remember  
19 swimming in the lake for hours as a kid, in  
20 Evanston, too, where I spent a couple of summers  
21 as a teenager. It never occurred to me that  
22 Milwaukee and Chicago discharge millions of  
23 gallons of waste into our waterways. If I had  
24 known, swimming in the lake might have been a very

1 different and much more troubled experience.

2           We do trust that Chicago shares the  
3 Alliance's goal to protect the people of Chicago  
4 and their water. But while completion of TARP  
5 will help to reduce the impact of CSOs on Chicago,  
6 TARP only captures 85 percent of CSO pollution,  
7 that's according to MWRD. Consequently, Chicago's  
8 NPDES permit must clearly explain what Chicago  
9 will specifically do to reduce the CSOs and take  
10 pressure off of TARP.

11           I want to talk a bit about the U.S. EPA  
12 2004 compliance investigation. It identified  
13 numerous ways that Chicago failed to comply with  
14 its CSO permit, and in the intervening decade it  
15 is not clear what Chicago has done to bring the  
16 city into compliance. We at the Alliance believe  
17 that the public is entitled to know what Chicago  
18 has done to address the U.S. EPA's mandatory nine  
19 implementation controls, and exactly what IEPA  
20 will require Chicago to do under this permit. The  
21 permit as is, simply lists the controls without  
22 providing Chicago a clear route to meet the  
23 controls.

24           I'm going to focus on a few specific

1 areas of the permit that my colleagues have not  
2 yet covered.

3 The permit prohibits all dry weather  
4 overflows, but the EPA's 2004 report determined  
5 that Chicago had not fully implemented the minimum  
6 control for the prevention of dry weather  
7 overflows.

8 Does the IEPA know if Chicago currently  
9 has a program identifying dry weather overflows?

10 MR. PATEL: Well, I am not sure about the  
11 process as such, but when the overflow occurs,  
12 they are supposed to notify Illinois EPA, but most  
13 of the City of Chicago sewer systems are in  
14 combined sewer systems, so we haven't seen any so  
15 far, but there might be rare occasions on  
16 buildings or some private sewers as such. But as  
17 far as the City of Chicago sewer system, we have  
18 not documented any CSOs so far.

19 MR. SCHAEFER: So they have not recorded any  
20 overflows?

21 MR. PATEL: Well, most of these are private,  
22 and every now and then get some links.

23 MR. SCHAEFER: Thank you.

24 So I want to go back to the monitoring

1 question. The 2004 Compliance Specification found  
2 that there were three, now two, outfalls selected  
3 by the IEPA for monitoring of CSO discharges, and  
4 that these are not representative of CSOs  
5 throughout the Chicago sewer system. This was a  
6 U.S. EPA finding, to be clear.

7 What, if anything, has been done to  
8 correct this?

9 MR. DESAI: We actually haven't seen the 2004  
10 report. It was never sent to us. After it was  
11 mentioned in the comments, we started asking  
12 around and seeing if it was given to the Illinois  
13 EPA. We've gone out to the Feds, in talking to  
14 the city, sent us some e-mails asking for that.  
15 We haven't heard back from anyone yet if they have  
16 it. If you guys have a copy, I mean you are more  
17 than welcome -- you can send it to us and we will  
18 take a look at that and see those specific  
19 recommendations that were in 2004 and consider  
20 that.

21 MR. SCHAEFER: Okay. I have a couple more  
22 questions. So this is another question about what  
23 the City is doing right now.

24 What are you doing right now to treat the

1 CSO discharge? There was a riverboat skimmer that  
2 was part of the O&M plan at one point. We believe  
3 that was removed in 2006.

4 Here's the report.

5 So again, what are they doing right now?  
6 If nothing, what are you planning on doing?

7 MR. DESAI: We don't have the specifics with  
8 us right now, but we can, when we go back, pull  
9 those reports, pull the plans up, and make mention  
10 to them in our response.

11 MR. SCHAEFER: Okay. But there's no plan to  
12 sort of setting a level of what they have to do in  
13 the treatment of the CSOs, or requirement, just  
14 treat it?

15 MR. DESAI: Yes.

16 MR. SCHAEFER: Okay. I think my last question  
17 is to follow up on the notification question.

18 This might be an unfair question, but can  
19 you provide an example of what will actually  
20 constitute adequate information so the current map  
21 system is sent to MWRD and that's their way of  
22 letting everyone know. Is that enough? Are you  
23 required of Chicago to do more of that? I mean,  
24 would it be enough to just say this waterway may

1 be in the CSO, or do you have to say here's the  
2 outfall, there's a CSO here?

3 MS. DRAGOVICH: The permit includes the  
4 minimal requirements.

5 MR. SCHAEFER: Okay. What was that? What  
6 would that be?

7 MS. DRAGOVICH: Minimum public modification of  
8 CSO, and Internet notification and provisions to  
9 include programs to (inaudible).

10 MR. SCHAEFER: Okay. I guess my question is,  
11 notification of what? Notification that there is  
12 a CSO hiding somewhere? Or that it's going to be  
13 replaced? Maybe it's not really clear from the  
14 permit.

15 MS. DRAGOVICH: The CSO occurrence?

16 MR. SCHAEFER: Yes. What does that mean?  
17 Does that mean -- do you understand the question,  
18 or no?

19 MS. DRAGOVICH: That they are having a CSO?

20 MR. SCHAEFER: Right.

21 MS. DRAGOVICH: So they are supposed to  
22 notify.

23 MR. SCHAEFER: So just that there's a CSO  
24 someplace?

1 MS. DRAGOVICH: It's just a discharge  
2 notification.

3 MR. SCHAEFER: That's all I want to know.  
4 Thank you.

5 HEARING OFFICER STUDER: David Martin,  
6 followed by Lyman Welch.

7 MR. MARTIN: Thank you for letting me testify.  
8 My name is David Martin. M-A-R-T-I-N. I am a  
9 marketing consultant in contributing efforts of  
10 the International Water Trade publication, and I  
11 am a volunteer member of the Chicago Sierra Water  
12 Club Team.

13 For more than 21 years I've been a jogger  
14 who runs in Thatcher Woods along the east bank of  
15 the longest region of the (inaudible), the  
16 Des Plaines River. Kayaks are also present in  
17 these environmentally-threatened waters.

18 I am concerned about CSO discharging  
19 pollutants into the Des Plaines River, including  
20 visually-disturbing photos, smelling raw sewage,  
21 carrying viruses and other pathogens that risk the  
22 health of myself and hundreds of thousands of  
23 others, and concern for the aquatic life of the  
24 river.

1 I join other Sierra Club members in  
2 urging the Illinois EPA to not reissue a Chicago  
3 CSO permit without the reassurance that the city  
4 is doing all that it can to lower the health and  
5 aesthetic risks from these water-borne  
6 contaminants.

7 Thank you again for the opportunity to  
8 testify.

9 HEARING OFFICER STUDER: Thank you.

10 Lyman Welch. He will be followed by Pete  
11 Leki.

12 MR. WELCH: I am Lyman Welch, L-Y-M-A-N  
13 W-E-L-C-H, Legal Director with the Alliance for  
14 the Great Lakes.

15 We partner with thousands of citizens,  
16 organizations, and businesses around the region to  
17 develop and implement forward-thinking solutions  
18 that protect our unique heritage, the Great Lakes.  
19 Thank you very much for holding this public  
20 hearing on Chicago's combined sewer overflows.

21 Sewage overflows are a problems shared  
22 throughout the Great Lakes region in cities from  
23 Buffalo and Cleveland to Detroit and Green Bay.  
24 Sewage overflows contain bacteria viruses, and a

1 host of other pollutants that can make people sick  
2 and cause harm to fish and wildlife. According to  
3 Chicago's Green Stormwater Infrastructure  
4 Strategy, a rain event of as little as two-thirds  
5 of an inch in a 24-hour period can cause a sewage  
6 overflow in the Chicago River.

7 We urge you to ensure Chicago's permit  
8 fully complies with federal requirements,  
9 including the nine minimum controls. There's a  
10 comprehensive national framework for control of  
11 combined sewage overflows which urges permitting  
12 authorities to incorporate sewage overflow  
13 conditions into permits like Chicago's. Chicago  
14 must develop a control strategy for its CSOs,  
15 which goes beyond the Tunnel and Reservoir Plan  
16 that the Metropolitan Water Reclamation District  
17 of Greater Chicago is working to complete. The  
18 longer Chicago delays addressing its sewage  
19 overflow issues, the harder it will be to solve  
20 many other present threats.

21 Over the past few years, the Alliance and  
22 other groups have been heavily engaged in federal  
23 court in the government's Clean Water Act  
24 enforcement proceedings against MWRD, resulting in

1 a consent decree. In that legal action, the  
2 Alliance Club has argued that more must be done to  
3 fully protect Chicago's waterways and  
4 Lake Michigan from sewage overflows. The evidence  
5 uncovered in that case showed that MWRD will not  
6 be able to adequately handle all of the flows from  
7 Chicago's CSOs even after TARP is fully completed.  
8 Chicago and this permit must anticipate the  
9 shortfalls of TARP by taking additional measures  
10 to address its sewage overflow problems. This  
11 permit must clearly explain the additional  
12 measures the city will take to address this  
13 threat.

14 The Alliance will be submitting formal  
15 written comments by the close of the public  
16 comment period in July.

17 I have some questions on five of the main  
18 conditions in the permit that will help frame our  
19 recommendations. My questions all relate to  
20 Special Condition 3 in the permit, the draft  
21 permit.

22 First, Special Condition 3, Requirement  
23 Number 3, states that the CSO treatment shall be  
24 coordinated with MWRDGC. What treatment

1 requirements are Chicago's responsibility under  
2 this provision?

3 MR. DESAI: Were you asking for the condition  
4 under the treatment requirement in the permit?

5 MR. WELCH: Yes, on Page 6, this is all  
6 Special Condition Number 3, it's marked as  
7 Paragraph Number 3.

8 MS. DRAGOVICH: The Chicago permit requires  
9 them to prevent (inaudible) solids and prevent  
10 depression of oxygen level below applicable water  
11 quality standards. Those are the requirements of  
12 Chicago.

13 MR. WELCH: Those requirements apply to the  
14 City of Chicago?

15 MS. DRAGOVICH: Correct.

16 MR. WELCH: The next question I have, Special  
17 Condition 3, Requirement Number 8, this is on  
18 Page 7 of the draft permit, requires the city's  
19 CSO O&M plan to be consistent with the MWRD CSO  
20 O&M plan. My question, what O&M measures must the  
21 city specifically undertake that go beyond the  
22 MWRD's obligation in its O&M plan?

23 MS. DRAGOVICH: The city has never owned an  
24 O&M plan. So it would be in addition to

1 (inaudible).

2 MR. WELCH: Are there any minimum requirements  
3 that you are specifying for Chicago to include in  
4 its O&M plan that goes beyond which is in MWRD's  
5 O&M plan?

6 MS. DRAGOVICH: The requirements are outlined  
7 in this permit that they are to have its O&M plan.

8 MR. WELCH: My next question relates to  
9 Requirement Number 10, this is on Page 9. That  
10 requirement requires the city to develop and  
11 implement a plan to assess and abate impacts from  
12 CSO discharges upon IEPA notification. My  
13 question is, what indicators will be used by IEPA  
14 to decide whether to trigger this requirement?

15 MS. DRAGOVICH: You are referring to Paragraph  
16 10?

17 MR. WELCH: Yes.

18 MS. DRAGOVICH: So if the provider  
19 (inaudible).

20 MR. WELCH: As I understand it, the  
21 requirement is triggered by notification from  
22 IEPA. So what indicator does IEPA use to decide  
23 whether this requirement is triggered and the city  
24 must then develop the plan to assess and abate

1 impacts from the CSO?

2 MS. DRAGOVICH: If the agency determines that  
3 they are contributing to violations, the water  
4 quality standard, then that would trigger that.

5 MR. WELCH: So a single violation, would that  
6 trigger this requirement, in IEPA's view?

7 MS. DRAGOVICH: Well, we would have to  
8 evaluate that, look at the data and see what's  
9 going on.

10 MR. WELCH: What other factors would you  
11 consider in deciding whether to provide  
12 notification to trigger this requirement?

13 MS. DRAGOVICH: I really don't know. We have  
14 to look at data and see whether or not they are  
15 violating water quality. If they are, then that  
16 could trigger this.

17 MR. WELCH: Okay. I will move on to my next  
18 question on Requirement Number 17 in the draft  
19 permit. This is on Page 9. Special Condition 3,  
20 Requirement Number 17. So that provision allows  
21 Chicago to monitor 72 of its CSO outfalls using  
22 MWRD's representative monitoring plan dated  
23 February 1st, 2013.

24 My question is, will Chicago monitor the

1 remaining CSO outfalls not covered by the  
2 representative monitoring, or does Chicago intend  
3 to rely on MWRD monitoring for those outfalls?

4 MS. DRAGOVICH: As far as I know, they are  
5 relying on MWRD monitoring.

6 MR. WELCH: For all of the remaining outfalls  
7 not covered by the representative monitoring plan?

8 MS. DRAGOVICH: MWRD is doing the monitoring  
9 for the representative outfalls. So they are  
10 representative of all the other outfalls.

11 MR. WELCH: As I read this permit requirement,  
12 it speaks to monitoring 72 of Chicago's CSO  
13 outfalls that are spelled out in the draft permit  
14 using the MWRD representative monitoring plan.

15 MS. DRAGOVICH: Right.

16 MR. WELCH: How are the other CSO outfalls --  
17 there are 184 Chicago CSOs in this permit. How  
18 are the remaining outfalls being monitored that  
19 are not covered under the 72 that are listed here?

20 MS. DRAGOVICH: The 72 that are monitored are  
21 representative of the other outfalls. Only 72 are  
22 being actually monitored.

23 MR. WELCH: So you are saying the 72 monitored  
24 outfalls by MWRD are intended to represent all of

1 the 184 Chicago outfalls?

2 MS. DRAGOVICH: Right.

3 MR. WELCH: Does that mean, then, that Chicago  
4 is not responsible for doing any monitoring beyond  
5 the monitoring that MWRD is performing?

6 MS. DRAGOVICH: They are responsible for the  
7 nine minimum controls, their operation pollution  
8 plan prevention, other requirements of the permit.

9 MR. WELCH: I was asking regarding the  
10 monitoring.

11 MS. DRAGOVICH: Monitoring is represented  
12 by -- there are a couple of outfalls in the  
13 beginning of the permit that are monitored. Other  
14 than that, this is represented by monitoring.

15 MR. WELCH: You are saying there were outfalls  
16 monitored by the City of Chicago? Can you explain  
17 to me which outfalls that the City is required to  
18 monitor?

19 MS. DRAGOVICH: 024 and 178 on Page 2 of the  
20 permit.

21 MR. WELCH: So the 024 and 178 on Page 2 are  
22 two outfalls that the City of Chicago is required  
23 to monitor?

24 MS. DRAGOVICH: Right.

1 MR. WELCH: And all the other outfalls of 184  
2 are being monitored by MWRD through their  
3 representative monitoring that they are performing  
4 with 72 outfalls?

5 MS. DRAGOVICH: Right.

6 MR. WELCH: My last question goes to Special  
7 Condition 3, Requirement Number 18. This is on  
8 Page 13 of the draft permit. We've had some  
9 comments on this before. This provision requires  
10 Chicago to develop a public notification program  
11 that may be developed in conjunction with the  
12 MWRD.

13 My question is, how will Chicago notify  
14 the public of dangers from CSOs beyond the public  
15 notification that is currently being done by MWRD?

16 MS. DRAGOVICH: They are supposed to include  
17 mass media and Internet notification, and have a  
18 link to the MWRD website.

19 MR. WELCH: Is that all?

20 MS. DRAGOVICH: Well, I mean, then whatever is  
21 in their public notification plan that wouldn't be  
22 specifically listed here.

23 MR. WELCH: The language here, it says mass  
24 media and/or Internet notification. So that would

1 imply that one or the other is acceptable. Why  
2 not require both, mass media and Internet  
3 notification?

4 MS. DRAGOVICH: We can do that.

5 MR. WELCH: Thank you.

6 Protecting the Great Lakes by fixing  
7 Chicago's sewer system is possible. We can fix  
8 our broken sewers, create jobs, improve water  
9 quality in the Great Lakes. With reasonable  
10 improvement, this permit can help us make  
11 significant strides towards this goal.

12 Thank you again for the opportunity to  
13 speak today and for responding to my questions.

14 HEARING OFFICER STUDER: Thank you, Mr. Welch.

15 Pete Leki is coming to the podium.  
16 Following him, we are going to take a 10-minute  
17 break, and when we come back from the break,  
18 Kathleen Behner will be the first one.

19 MR. LEKI: Good afternoon. Thank you for this  
20 opportunity. My name is Pete Leki. L-E-K-I. I  
21 am the Director of the Ecology Program at Waters  
22 Elementary School, a local CPS school in the North  
23 Central neighborhood. I am also the lead  
24 organizer of River Bank Neighbors.

1                   These two groups, Waters School and River  
2 Bank Neighbors, over the last 20 years managed  
3 four and-a-half block section of the river bank  
4 south of Montrose on the east bank restoring  
5 native plantings and trails and access points for  
6 people taking walks, and canoers and kayakers.  
7 It's also used for river studies for second and  
8 sixth grades. I would say that many thousands of  
9 our students have learned about river ecology at  
10 our site.

11                   On a normal day if you were to go there,  
12 I think you would be just thrilled at how  
13 beautiful it is with the plants and, you know, the  
14 river flowing peacefully. But on those days when  
15 CSOs happen, everything changes, and the CSO  
16 itself is not even the worst. It's the days after  
17 the CSO, after the water levels come back down,  
18 and the entire bank is eight feet high, it's just  
19 covered with a thick muck of everything you can  
20 imagine that was in that flow. This muck coats  
21 the ground and plants, plants have trouble  
22 photosynthesizing and surviving that assault. The  
23 plants are coated on the bottoms and the top, so  
24 they are not able to photosynthesize. So either

1 they have to grow new chutes or else they simply  
2 die.

3           We spent a lot of money, and so has the  
4 District, you know, I would say, you know, to  
5 restore these banks, and part of the reason is to  
6 get access and to make a beautiful place for  
7 people, but also to provide ground cover that  
8 prevents the erosion of the river bank and  
9 pollution of the river through facilitation and  
10 such.

11           Opposite our land is the corner park  
12 reservation going on right now, a many, many  
13 multimillion dollars effort involving hundreds of  
14 thousands of plant plugs being installed along  
15 that edge of the river bank opposite us. Right  
16 now they look great, but I'll tell you after the  
17 first CSO they are going to have a really hard  
18 time surviving.

19           So I just wanted to let you know that one  
20 aspect, that a CSO effect continues well after.  
21 We had crews pulling weeds along our bank two  
22 weeks and three weeks after the last CSO. Every  
23 time you pull a weed, this cloud of dust comes up,  
24 and the dust is the dried-out remnants of the

1 slime that was conveyed by the CSO. You know, I  
2 mean the whole idea of breathing that stuff in is  
3 kind of horrifying.

4 And then you see kayakers, you know,  
5 especially the inexperienced ones, crashing into  
6 the overhanging branches of trees which are hung  
7 with every unmentionable, you know, personal  
8 hygiene product, you know, that ends up just  
9 crashing and dusting up into the air around them.  
10 All that stuff makes it -- is a real pity, you  
11 know, because it doesn't have to be like that.

12 Finally, on a positive note, I recognize  
13 the dilemma that the District and the city faces  
14 with these CSOs. Our school, for example, has  
15 removed three and-a-half acres of asphalt from its  
16 ground, and now retains all this rainwater on  
17 site, relieving the neighborhood of flood threats,  
18 and also relieving the system, to some small  
19 extent, of (inaudible) big rain.

20 In our neighborhood, too, many of our  
21 neighbors have disconnected their rain spouts,  
22 allowing some of the rainwater to enter the  
23 depressions in the ground to sit there and slowly  
24 percolate, rather than discharge the system.

1 I am wondering whether the Chicago permit  
2 should not insist that, come up with a plan for  
3 every time there's a routine tree planting in the  
4 parkway, for example, by the City of Chicago,  
5 should they not lower that parkway a couple of  
6 feet and plant lower, and consider asking the  
7 residents to disconnect their discharge from their  
8 roof, allowing that water to go into those parkway  
9 depressions. You know, if this was continued as  
10 part of a general policy by the city, it might  
11 make a difference, you know, accumulated  
12 difference over many, many years.

13 So thank you for your time.

14 HEARING OFFICER STUDER: Thank you.

15 We are go to go ahead and take a  
16 10-minute break. I have got quarter to 5:00. We  
17 will reconvene at five minutes to 5:00. The first  
18 speaker when we do that will be Kathleen Behner.  
19 We are recessed for 10 minutes.

20 (A recess was had.)

21 HEARING OFFICER STUDER: We are going to  
22 begin.

23 The first person who is going to speak is  
24 Jennifer Gibbons, and she will be followed by

1 Jennifer Hensley, and then we will come back to  
2 Kathleen. We tried to make some arrangements in  
3 order to accommodate some people that has some  
4 tight time schedules.

5 If you would go ahead, Jennifer.

6 MS. GIBBONS: Thank you. I enjoyed the  
7 halftime show, it was great.

8 All right. My name is Jenn Gibbons and I  
9 am the Executive Director of Recovery on Water, or  
10 ROW for short, and we are a rowing program for  
11 patients and survivors of breast cancer, and we  
12 currently row on the South Branch of the Chicago  
13 River near the Bubbly Creek entrance, the turning  
14 base on the South Branch. We row on the South  
15 Branch along with three other rowing teams,  
16 Lincoln Park Boat Club, University of Chicago Crew  
17 Training Center, and Ignatius Crew. I also sit on  
18 the board for Ignatius Crew.

19 Our big concern, there's over 300  
20 athletes that are on the river six to seven days a  
21 week that come out of just our South Branch  
22 location. So the designation for the water is  
23 different on the north side than it is on the  
24 south side. There will be a \$5.7 million

1 boathouse that will go under construction that we  
2 have been working with the park district, and  
3 ground breaking will begin September 1st.

4 So we have a big concern about the water  
5 quality of the CSOs. We row on the South Branch  
6 after the CSOs, and it's not a pleasant  
7 experience. We are familiar with the Chicago  
8 white fish and a few other nicknames that we've  
9 given to the debris in the water.

10 I am sure that you are familiar with  
11 exercise being great for everyone. However,  
12 exercise is really important for survivors of  
13 breast cancer. Our rowing team has about 60  
14 athletes that regularly participate on the Chicago  
15 River. Some of our participants are actually  
16 still in treatment for breast cancer. Actually,  
17 Crista is here today, she's actually came here  
18 from chemotherapy treatment, and has a compromised  
19 immune system, so you can imagine. I created this  
20 organization to help the women become healthier,  
21 not bring them to elements on the body of water  
22 that might make them sick.

23 So we would really love your help in any  
24 kind of way that you can make the water better for

1 them to be in and around.

2           If you are not familiar with the sport,  
3 you do have interaction with the water. You are  
4 low to the water. You are sitting near the water  
5 when you are rowing. I would be happy to take you  
6 guys out on the river anytime that you would like  
7 to see the actual experience with the survivors  
8 that we have.

9           It seems that the city has a significant  
10 effort in getting people recreating on the river,  
11 and putting \$10 million in boathouses on the  
12 rivers, but it doesn't seem that they put the same  
13 amount to making sure that it's clean.

14           Recently, the Army Corp had backed off on  
15 their study involving (inaudible), which we were  
16 really discouraged to see. So we are hopeful that  
17 with this new permit, that we can begin to revise  
18 some of the standards.

19           So we urge the Illinois EPA to review and  
20 revise the permit, and to hold the city to a  
21 higher standard so our women, and children, and  
22 every one of the 300-plus athletes on the river  
23 every single day can be safe.

24           HEARING OFFICER STUDER: For the record, that

1 was Jennifer Gibbons. G-I-B-B-O-N-S.

2 Jennifer Hensley, and she will be  
3 followed by Kathleen Behner. Kathleen will be  
4 followed by Stacy Meyers.

5 Go ahead, Jennifer.

6 MS. HENSLEY: Hi. My name is Jen Hensley.

7 First, thanks for being here tonight and  
8 giving the public an opportunity to speak to you.

9 I am a resident of 2558 West Wilson  
10 Avenue. I am a resident of the City of Chicago,  
11 obviously. I'm also a member of the Sierra Club.  
12 For reference, my home is a half block from the  
13 river and I recreate around and near the river as  
14 often as I can. I have a small park that I often  
15 read in, and I also ride my bike along the river  
16 at least once a week, if not more.

17 The one thing I do not see,  
18 unfortunately, is kayaking on the river. It's  
19 disappointing when you see syringes, garbage, and  
20 human waste floating down the river. It's a  
21 little bit different sitting on the side of the  
22 river versus being in a small boat down the river.  
23 So I don't make the most of the recreational  
24 opportunities that should be available to me as

1 somebody that lives in the city.

2 The other place I use is actually  
3 Montrose Beach. When those CSO events happen,  
4 sometimes the beach is closed.

5 So just in quick conclusion, I really  
6 hope that we keep moving forward when it comes to  
7 the Chicago River. I feel like in the past few  
8 years we made some progress. So I hope we take to  
9 that next step and really look at the CSOs.

10 Thank you.

11 HEARING OFFICER STUDER: H-E-N-S-L-E-Y.

12 Kathleen Behner. She will be followed by  
13 Stacy Meyers.

14 MS. BEHNER: Good afternoon. My name is  
15 Kathleen Behner. B-E-H-N-E-R.

16 For the last six years, I've been a  
17 member of Recovery on Water, a rowing club for  
18 breast cancer survivors. Although many of us have  
19 compromised immune systems, so this becomes very,  
20 very important that we have clean water to row on.  
21 Our home is near Bubbly Creek, which has its own  
22 sordid history that spans back over a century.  
23 But after CSO releases, it becomes very, very  
24 difficult for us to row on water. I won't go into

1 the details, because we have already, about how  
2 putrid the water really is and it truly is very  
3 disgusting.

4 Many people who don't know about rowing  
5 may think that if you are in a shell, that you are  
6 protected from the water. No one in our team gets  
7 off the water without being splashed in some way  
8 by this putrid water. We can either be splashed  
9 by another person in the boat, unintentionally, of  
10 course, or you can accidentally fall into the  
11 river, which has happened from the dock. Also, we  
12 are at risk of motor boats when we are on the  
13 river. Some motor boats haven't been very  
14 courteous to us. Our boats are very low to the  
15 water and we are easily waked. And then at the  
16 end of the row session, we have to pick the boat  
17 up with all the putrid water in it, or from being  
18 waked, and dump it over our heads in order to  
19 carry it out to the dock area.

20 Bubbly Creek has become very heavily used  
21 for recreational use and should be designated  
22 according to this use.

23 Please take whatever steps you can to  
24 improve Chicago CSO discharges so that all rowing

1 teams and all people who use the waterways have  
2 less encounter with raw sewage.

3 Thank you.

4 HEARING OFFICER STUDER: Thank you.

5 We have Stacy Meyers, and she will be  
6 followed by Elizabeth Davis.

7 MS. MEYERS: Good afternoon. My name is Stacy  
8 Meyers. I am the attorney with Openlands. Thank  
9 you for allowing us to provide comment and answer  
10 our questions here this evening.

11 HEARING OFFICER STUDER: Can you spell your  
12 last name?

13 MS. MEYERS: Absolutely. M-E-Y-E-R-S. Stacy  
14 is S-T-A-C-Y.

15 HEARING OFFICER STUDER: Thank you.

16 MS. MEYERS: Our organization unites the  
17 people with resources of the Chicago Metropolitan  
18 land and water protection, providing a healthy  
19 environment to live and work. We care deeply  
20 about the integrity of Chicago's waterways and  
21 collaborate with agencies (inaudible) and to  
22 connect people to a national heritage.

23 Over the last decade we've worked with  
24 numerous organizations to improve the water

1 quality standards of Chicago Calumet River system  
2 to reflect both its existing uses and its  
3 potential promise to the people involved.

4 We have several concerns about the permit  
5 of the City of Chicago. A lot of these I am going  
6 to cut my comments a little bit.

7 The first is basically that the permit  
8 doesn't have any clear terms and responsibilities  
9 delineated between the MWRD and the City of  
10 Chicago. It was recommended that the MWRD and the  
11 City of Chicago (inaudible) so that it's clear  
12 when changes (inaudible) each agency account for  
13 how and when the city of Chicago is responsible  
14 for monitoring inspections.

15 In addition, the current permit in this  
16 draft form doesn't count for all of the measures  
17 that the City is doing for CSO, such as the myriad  
18 of (inaudible) as well as capital improvement  
19 projects that you've heard of previously. I am  
20 not going to go into that, but we do feel strongly  
21 that they should get credit for what they are  
22 doing and clearly delineate what they must do and  
23 have with the working permits (inaudible).

24 What I would really like to touch on is

1 the area of consideration, and we have several  
2 questions about how the draft permit protects us.  
3 The vast majority of the City of Chicago is now  
4 discharging receiving waters that are designated  
5 as either general use or primary contact  
6 recreation. Since these structures now qualify  
7 (inaudible), how does the Illinois EPA expect the  
8 City of Chicago to locate or treat discharges from  
9 (inaudible)?

10 MS. TERRANOVA: Improvement, did you say?

11 MS. MEYERS: There are areas that have primary  
12 contact recreation use which we can look at the  
13 criteria for sensitive areas as one of the  
14 criteria. And so we are wondering for those  
15 areas, how would you expect the city (inaudible)  
16 recreational use to relocate control or treat  
17 discharges from (inaudible)?

18 MS. DRAGOVICH: It doesn't have to evaluate  
19 all of the outfall in terms of what they can do.

20 MS. MEYERS: And actually, my next question  
21 goes towards that. I noticed in the draft permit  
22 that you grant the City of Chicago permission to  
23 petition the agency to consider whether it must  
24 protect certain areas, or areas that would qualify

1 for that status by showing that it is not possible  
2 for primary contact recreational uses to occur,  
3 and there are a number of possible factors listed,  
4 and I believe there are three, such as  
5 (inaudible).

6 It appears that the decision to modify  
7 the city's current protection of these areas only  
8 involve Illinois EPA and the City of Chicago. How  
9 does the public know of post modification to --  
10 basically, these areas do not protect the primary  
11 contact recreational use, and how does the City of  
12 Chicago involve the public in that modification  
13 process?

14 HEARING OFFICER STUDER: While they are  
15 debating, I am going to ask that you continue with  
16 your next question, okay, that way we can save  
17 time. We have to be out of here and I want to  
18 make sure that we get everybody in today.

19 MS. MEYERS: My next question is, if the  
20 city -- the Illinois EPA decides the city does not  
21 need to treat (inaudible) how does the EPA permit  
22 compliance (inaudible) with the Clean Water Act?

23 MR. DESAI: Sorry, could you repeat that one  
24 more time?

1 MS. MEYERS: Sure. In the permit of the  
2 special conditions regarding the sensitive areas  
3 consideration, there are a number of factors,  
4 three, I believe, that are given, such as  
5 (inaudible) for consideration, basically not to  
6 protect areas which would potentially qualify  
7 primary contact use waters. There are, as we  
8 know, many factors in the Clean Water Act. If  
9 they are going to be monitored to recreational  
10 water, basically, the fact that these discharges  
11 aren't treated, how would that correlate with  
12 evaluation under the EPA factors to comply with  
13 the Clean Water Act?

14 MR. DESAI: We will have to consider that and  
15 we will respond to that fully in our response, our  
16 response in the summary.

17 MS. MEYERS: Thank you very much.

18 The last thing that I thought might be of  
19 use to you is that comments that you receive in  
20 2004 report, not comments from the United States  
21 EPA. There are appendices which go with that  
22 report. I am sure that the U.S. EPA will probably  
23 provide those to you so that you have a complete  
24 set to consider all of the information that is

1 important. If not, we would be happy to ensure  
2 that you see that for your consideration.

3 Thank you very much for the opportunity  
4 to speak and for your answers. I appreciate it.

5 HEARING OFFICER STUDER: Thank you,  
6 Miss Meyers.

7 Elizabeth Davis. She will be followed by  
8 Devlin Murdock, Crista Cannon, and the last  
9 person, then, is Justin, it looks like Avellar.

10 MS. DAVIS: My name is Elizabeth Davis,  
11 D-A-V-I-S, I am speaking on behalf of Recovery on  
12 Water.

13 The main reason I came today is just to  
14 discuss basically the state of Bubbly Creek and  
15 how awful it is. I think this is a great  
16 opportunity to make sure that both short and  
17 long-term measures are put in place to ensure that  
18 the water is actually cleaned up and not just  
19 maintaining status quo.

20 Bubbly Creek is a great example as to why  
21 things need to progress in the right direction,  
22 because there isn't a lot of flow from Bubbly  
23 Creek, although there is some into the other  
24 waterways, like South Branch. You can really see

1 the cumulative effect of the CSOs.

2           You know, when I first started rowing,  
3 this is my first year, one of my teammates  
4 mentioned all the different things that would be  
5 in the water, and I needed clarification. I was  
6 actually shocked at how many condoms, feminine  
7 needs, drug paraphernalia, including used needles,  
8 are actually in Bubbly Creek. I would consider it  
9 a biohazard. Not only are those items in the  
10 water, the smell is pretty awful to just row down  
11 there.

12           So, you know, I just wanted to talk about  
13 that, but I did have some questions, given other  
14 people's comments today.

15           The main question basically is, a  
16 gentleman had mentioned that 72 of the 184  
17 off-chutes are being monitored. I was just  
18 wondering how those were chosen?

19           MR. DESAI: Those are the ones that we'll be  
20 monitoring.

21           MS. DAVIS: Is one of them Bubbly Creek  
22 itself, not South Branch but Bubbly Creek?

23           MR. DESAI: One of the 72 you mean?

24           MS. DAVIS: Uh-huh.

1 MR. DESAI: There are no CSOs on Bubbly Creek,  
2 which are represented in the 72, even in the 184.

3 MS. DAVIS: Sorry. Are you saying there are  
4 no CSOs on Bubbly Creek?

5 MR. DESAI: I believe so.

6 MS. DAVIS: Oh. My understanding was there  
7 was eight.

8 HEARING OFFICER STUDER: Excuse me. You are  
9 talking about South Branch of the South Fork of  
10 the Chicago River? There are two, according to  
11 the permit on Page 9.

12 MS. DAVIS: Being monitored?

13 HEARING OFFICER STUDER: Yes.

14 MS. DAVIS: Okay.

15 HEARING OFFICER STUDER: They are listed on  
16 Page 17 -- excuse me, they are listed on Page 9  
17 under Subparagraph 17, Special Condition 3. It  
18 says South Fork of SBCR.

19 MS. DAVIS: Okay. Thank you.

20 And I guess, if individuals wanted to go  
21 and test water individually, could those results  
22 be used as a monitoring system for the MWRD, or  
23 would that not be taken into consideration as the  
24 effect of the CSOs?

1 HEARING OFFICER STUDER: That I can't answer.

2 MR. DESAI: If you were to do those tests, you  
3 could send those test results to the Compliance  
4 Department in the Illinois EPA, Bureau of Water.  
5 They receive all the test results that MWRD does.

6 MS. DAVIS: Okay. Thank you very much.

7 And lastly, I just wanted to point out, I  
8 think the gentleman from Water also pointed out,  
9 there's a ripple effect beyond just cleaning up  
10 the water in and of itself. I think that pride in  
11 your neighborhood has a lot to do with the  
12 surrounding area, and for those people that live  
13 by and participate in Bubbly Creek, for example,  
14 there are families that come out to fish off the  
15 dock, it's not the right word, but sort of the  
16 ledge out there. I can see that, you know, it  
17 would have an effect on me if I lived down there  
18 and I saw all these white fish and things in the  
19 water. I think it's important for Chicagoans to  
20 be proud of how we keep a city clean, and as for  
21 as much emphasis as the city puts on itself as  
22 being a great city, I think it's a great  
23 opportunity to make sure that it's done correctly.

24 Thank you very much for this opportunity.

1 HEARING OFFICER STUDER: Thank you,  
2 Miss Davis.

3 Devlin Murdock.

4 MR. MURDOCK: My name is Devlin Murdock.  
5 M-U-R-D-O-C-K. I am the operations and programs  
6 coordinator for Recovery on Water. I am also a  
7 coach. I would like to speak to some safety  
8 issues for our program and those of other programs  
9 that share our rowing site, which is, as our  
10 executive director said, where the North Branch,  
11 the South Branch, and South Fork of the South  
12 Branch of the Chicago River all meet.

13 This year alone, we've seen a 200 percent  
14 increase in our novice rowers, so women who are  
15 new to rowing from last year. So last year we had  
16 six, this year we have 18. That is our program  
17 alone. We share the site with four other rowing  
18 programs, and with the building of this boathouse,  
19 this almost \$6 million boathouse starting in  
20 September, you can expect that that number will  
21 probably grow for each of the programs.

22 As a coach, my number one priority is the  
23 safety of my rowers. So when I bring new rowers,  
24 or even experienced rowers, but especially our

1 novice rowers, down onto the South Branch, the  
2 North Branch, which are industrial waterways, we  
3 see plenty of (inaudible) traffic, not to mention  
4 the boat traffic. That can be considered unsafe.  
5 Rowing boats, if you know or don't know, are  
6 man-powered boats, women-powered boats in our  
7 case, and they are -- they are enumerated, we  
8 don't have engines that help us steer or anything  
9 like that, it's completely on the rowers in the  
10 boat. Novice rowers who are inexperienced, who  
11 might suggest that they don't have the skill set  
12 or the composure, if they are put in a situation  
13 where they need to avoid collision or something  
14 along those lines, it's very difficult for me to  
15 say that I am bringing them in a safe position if  
16 I am bringing them out in the North Branch or  
17 South Branch waterways, so what I am left with is  
18 Bubbly Creek.

19 I don't think I need to speak anymore to  
20 the condition of Bubbly Creek than anyone else  
21 here. Needless to say, it is awful. It is,  
22 though, a sheltered area of the river that I would  
23 otherwise consider safe, using "safe" as a  
24 relative term here, to take novice rowers, not

1 just from my program but any of the programs that  
2 will be using this boathouse, onto Bubbly Creek.  
3 That's an opportunity where I can take them out  
4 and feel at ease about whether or not I am  
5 bringing them in a safe situation or not.

6 The city is investing almost \$6 million  
7 in this boathouse. It's invested several millions  
8 in the north boathouse for obvious reasons.  
9 That's a lot of money to invest in what is a city  
10 owned and ultimately a public access point to the  
11 waterways of Chicago.

12 If we don't invest the same money or  
13 diligence in making that access point something to  
14 entice people to get out there, or to make it an  
15 acceptable waterway for them to be on, then that's  
16 essentially money down the drain, that we will see  
17 in Bubbly Creek anyway.

18 So I think that this the city has an  
19 obligation by virtue of investing what's on land  
20 to set the standards for the water that we are  
21 trying to recreate on to be much higher than what  
22 we are seeing, and we have an opportunity with  
23 this permit to make sure that those standards get  
24 set not only for Bubbly Creek but for the North

1 Branch, for the South Branch, for all the  
2 thousands of miles of shoreline, that we have our  
3 second shoreline, as it's called, and we can do it  
4 very easily by setting the standards here and  
5 making it clear to both the city, to the public  
6 that will be using these waterways, that we are  
7 investing not just what's on land, but also in the  
8 water itself.

9 Thank you for this opportunity.

10 HEARING OFFICER STUDER: Thank you,

11 Mr. Murdock.

12 Crista Cannon.

13 MS. CANNON: My name is Crista Cannon.

14 C-A-N-N-O-N.

15 HEARING OFFICER STUDER: You are going to have

16 to lower the mic and try to project your voice

17 into it.

18 MS. CANNON: Surely. I came here from having

19 my chemotherapy treatment, and it's extremely

20 important to me, ROW has given me -- I am sorry, I

21 am getting emotional about this. I am fighting

22 breast cancer for the third time in two and-a-half

23 years. I joined ROW in January of this year, and

24 I never thought that I would be rowing down a

1 river. The first time we went to the river to row  
2 was on April the 20th. I was appalled, nauseated,  
3 and in an absolute state of shock at what I saw.  
4 The waste, the human waste rowing down, flowing  
5 down, the condoms, the empty water bottles, chairs  
6 even, you know, branches, which are dangerous  
7 actually when you row with a board and you hit the  
8 branch, it could tilt the boat.

9 We are all inexperienced, and I am in row  
10 one, we are inexperienced rowers. It's a  
11 challenge, physical challenge for us, but the  
12 challenge that I have faced, and I will  
13 demonstrate this to you, because I cannot tell you  
14 how thankful I am to ROW, with the help of ROW, I  
15 am able to raise my right arm, which I was not  
16 able to do because of all of the surgeries that I  
17 have experienced. So before I could raise my arm  
18 like this, after all the various surgeries, I  
19 could raise it to about here, I am now able to put  
20 it behind my back. Do you see the phenomenal of  
21 this? And I thank ROW for that.

22 I would like all of us to be able to row,  
23 people that don't have breast cancer, all of us be  
24 able to row on a river that is clean, healthy, and

1 good for the environment. I mean, there are  
2 people that fish from the, what do you call it,  
3 the shore of the river. I shutter to think that  
4 they eat the fish, because the fish, you know, the  
5 fish are swimming around in this river and God  
6 knows the pollution that's going into their body,  
7 and if they eat from that, that will go into their  
8 body, and you can have serious health issues that  
9 will come, especially if they're children, and  
10 hopefully they have a long life ahead of them.

11 I thank you for the opportunity. That's  
12 basically all I have to say. I just hope that  
13 this area can get cleaned up. Thank you.

14 HEARING OFFICER STUDER: Thank you.

15 Justin Avellar.

16 MR. AVELLAR: Good evening. My name is Justin  
17 Avellar, that's A-V, as in Victor, E-L-L-A-R, and  
18 I am a law student working in the University of  
19 Chicago Abrams Environmental Law Clinic. We are a  
20 not-for-profit legal clinic addressing  
21 environmental issues in Illinois.

22 As a part of that work, we represent  
23 Recovery on Water in efforts to improve the water  
24 that they row on. As you heard, ROW regularly

1 uses Bubbly Creek in the South Branch of the  
2 Chicago River, and frequently encounters poor  
3 water quality conditions after CSO events. For  
4 reference, these outfalls would be 190 through 198  
5 on Pages 5 through 6 for the draft permit.

6           Additionally, before I go further, I  
7 would like to make a statement about the  
8 (inaudible) of the monitor CSO outfalls. If you  
9 look at the Compliance Investigation report that  
10 you just got this afternoon, it says U.S. EPA 5  
11 had areas of concern, Area of Concern F on Page  
12 41, and I quote, the outfalls monitored by the  
13 MWRDGC and used by Chicago for frequently and  
14 duration of monitoring may not be representative  
15 of all the city's outfalls. I will just leave it  
16 there for now.

17           Going back to my comment, our first point  
18 relates to the sensitive area considerations  
19 listed in the draft permit. U.S. EPA CSO control  
20 policy of 1994 authorized local authorities to  
21 (inaudible) sensitive area. If IEPA has evaluated  
22 Chicago's CSO for sensitive areas, it appears  
23 Chicago exclusively relied on recreational use  
24 designations set by the Illinois Pollution Control

1 Board in 2011 to determine the sensitive areas.

2 We are troubled because the state has  
3 conducted the tri-annular review using the  
4 designation process only twice in the last 30  
5 years. Relying on the 2011 designation ignores  
6 many various (inaudible) and dangerous encounters.  
7 This includes Bubbly Creek's users who regularly  
8 come into contact with CSO pollution.

9 Our second point involves CSO  
10 prioritization. According to the 1994 User  
11 Guidance for Screening and Ranking, Bubbly Creek  
12 should be assigned high ranking for two main  
13 reasons.

14 First, the Guidance prioritizes  
15 discharges creating, quote, significant risk to  
16 public health, unquote, through direct contact  
17 with pollutant CSOs. The breast cancer survivors  
18 and minors who use this area face significant  
19 public health risks. As ROW'S representative  
20 explained earlier, the team must use Bubbly Creek  
21 for practice, but some members' doctors prohibited  
22 them from going on the water after CSOs because  
23 the conditions are so poor.

24 Second, the 1994 Guidance awards higher

1 priority to CSO discharges into low area streams.  
2 Bubbly Creek is a largely stagnant low area stream  
3 because it lacks missing (inaudible) harmful  
4 elements.

5 Taken together, the significant public  
6 health risks from the CSO events and the waterway  
7 status as a low energy stream mean Bubbly Creek  
8 CSOs should be given higher priority.

9 Our third point focuses on the city's  
10 pollution prevention plan. According to the  
11 permit, the plan was last revised in 2003, but it  
12 appears the city also submitted a plan in 2007.  
13 The 2007 plan includes measures such as the CSO  
14 Net Program, which called for temporary nets at  
15 various discharge points to qualify and quantify  
16 the floatables in past CSO events, with permanent  
17 improvements made to those CSO outfalls warranty  
18 for the treatment. This draft permit calls for  
19 (inaudible), but shows no mechanism for holding  
20 the city accountable to its pollution prevention  
21 plan. The draft permit, likewise, fails to show  
22 how the public can monitor the implementation of  
23 the pollution prevention plan.

24 Our final point is more general. The

1 draft permit lists the nine minimum controls  
2 required by the 1994 CSO policy, but fails to  
3 specify how the City of Chicago will comply with  
4 these controls. These requirements are not new.  
5 The compliance with the nine minimum controls was  
6 required under the 2002 permit. Thirteen years  
7 later, the draft permit is still vague as to  
8 Chicago's compliance with the nine minim controls  
9 and makes no mention of public monitoring.

10 We have a question for each of our four  
11 points, beginning with the question about  
12 sensitive area consideration.

13 Have all of Chicago's CSOs been evaluated  
14 for sensitive area consideration? And do I  
15 understand correctly, that the sensitive area  
16 consideration process allows us to show primary  
17 contact recreation outside the Illinois Pollution  
18 Control Board designation process?

19 MS. DRAGOVICH: The permit requires them to  
20 evaluate the area for all of them, but additional  
21 information shows that the primary contact is in  
22 other areas, you know, that we thought were not  
23 sensitive, and we will take that into  
24 consideration.

1 MR. AVELLAR: And that wouldn't have to go  
2 through the tri-annular review process through the  
3 Illinois Pollution Control Board?

4 MS. DRAGOVICH: No.

5 MR. AVELLAR: Secondly, how has IEPA or the  
6 City of Chicago implemented a screening and  
7 ranking process for permitting CSOs? And how  
8 would Bubbly Creek's unique (inaudible) in the  
9 ranking process?

10 MR. PATEL: I think we can review the  
11 operations plans submitted by the City of Chicago  
12 on that issue as such. We will try to address and  
13 mention.

14 MR. AVELLAR: But you currently know of no way  
15 that the city ranks or the EPA works to rank CSOs?

16 MR. PATEL: Not really.

17 MR. AVELLAR: How will the public participate  
18 in the prevention of a pollution plan? How will  
19 the IEPA force the plan to the public input? And  
20 how will the (inaudible ) overall plan and  
21 specific components such as the CSO events?

22 MR. DESAI: We will consider for the  
23 Department of Permit looking into that public  
24 participation that you just mentioned to kind of

1 modify it, you know, take into account the public.

2 MR. AVELLAR: How would Chicago comply with  
3 the nine minimum controls as required in existing  
4 permits and how will the public be able to monitor  
5 Chicago's compliance with the nine minimum  
6 controls going forward?

7 MR. DESAI: We currently don't have that plan  
8 in front of us right now. It's something that we  
9 can go back and look at and include it in that  
10 response summary.

11 And for the second part, I think you  
12 asked how the public could participate in those.  
13 That's something, because we've got a lot of  
14 comments on that, that's something that we are  
15 going to consider in the draft permit.

16 MR. AVELLAR: Thank you for your time.

17 HEARING OFFICER STUDER: Thank you.

18 I would remind everyone that the record  
19 in this is open until July 31st, and we will take  
20 written comments through that time. If you are  
21 submitting those by mail, I do ask that you mail  
22 those in sufficient time so that they arrive  
23 there.

24 Is there anyone here that has not spoken

1 that would like to make a comment on the record?

2 We have just a few minutes.

3 Let the record indicate that no one  
4 raised their hand.

5 Are there people that have spoken that  
6 have additional comments that they would like to  
7 make on the record before I close the hearing  
8 today? Okay, we've got one, two, three. You are  
9 only going to have a couple of minutes, but if you  
10 ask a question, because of the time, we will put  
11 it on the record, and we will respond to it in the  
12 responsive summary.

13 I have Mr. Bryson, Mr. Ettinger, and, I  
14 am sorry, I can't remember the name.

15 Go ahead, Mr. Bryson.

16 MR. BRYSON: A couple of quick questions. Has  
17 Chicago submitted a long-term control plan to  
18 Illinois EPA, and have you reviewed and approved  
19 it?

20 MR. DESAI: I believe the TARP plan was  
21 considered the long-term control plan for the City  
22 of Chicago.

23 MR. BRYSON: That was a district submission  
24 and not a City of Chicago submission.

1 MR. DESAI: I am sorry?

2 MR. BRYSON: That was a district submission  
3 and not a City of Chicago submission. And my  
4 question is, did Chicago submit one?

5 MR. DESAI: Chicago did not submit a separate  
6 one.

7 MR. BRYSON: Second question, does Chicago  
8 have any discharges, any CSO outfalls that are not  
9 connected to TARP, so therefore those discharges  
10 go directly to the river and have no ability to go  
11 into TARP?

12 MR. PATEL: Not that we are aware at this  
13 time.

14 MR. BRYSON: Thank you.

15 HEARING OFFICER STUDER: Thank you.

16 MR. ETTINGER: Albert Ettinger.

17 E-T-T-I-N-G-E-R. I just wanted to mention two  
18 things.

19 In addition to be concerned with the CSOs  
20 like everybody else, as well as the outfalls, I,  
21 too, am concerned, very personally, with getting  
22 sewage in one's basement, and this can happen from  
23 CSOs as well as SSOs, and I would urge the permit  
24 writers to make sure that there's adequate

1 monitoring of water in the basements, also. I  
2 would be willing to report when it gets in mine.

3 Thank you.

4 HEARING OFFICER STUDER: Go ahead.

5 MS. DAVIS: Thank you again.

6 HEARING OFFICER STUDER: State your name.

7 MS. DAVIS: Elizabeth Davis. I don't think I  
8 said this before, but I think it's important in  
9 the permit to put firm and measurable requirements  
10 in there to make sure that things can be  
11 monitored, tracked, and enforced. That's all I  
12 wanted to say.

13 Thank you very much.

14 HEARING OFFICER STUDER: Thank you.

15 I also wanted to say that there's been a  
16 lot of issues that have been raised today and  
17 Illinois EPA would also ask if you have specific  
18 ideas on issues that you would like in the permit,  
19 that you submit so in writing in the post-hearing  
20 comment period, and we will examine those and  
21 visit those, also.

22 MS. TERRANOVA: Specific ideas and specific  
23 language.

24 HEARING OFFICER STUDER: Go ahead.

1 MS. TERRANOVA: Specific ideas, but I also  
2 want to suggest if you have specific language, we  
3 are talking about, for example, conditions,  
4 definitely you can give us that, we will consider  
5 it from there.

6 HEARING OFFICER STUDER: I have about 10  
7 minutes until 6:00. This building does close at  
8 six o'clock. So we do need to be out of here by  
9 six o'clock.

10 I want to thank everyone for your  
11 attendance today and we appreciate your input.  
12 Thank you.

13 This hearing is concluded.

14 (The hearing concluded at 5:50 p.m.)

15

16

17

18

19

20

21

22

23

24

1 I, PAMELA S. MORGAN, Certified Shorthand  
2 Reporter in the State of Illinois, do hereby  
3 certify the above public hearing was recorded  
4 stenographically by me and was reduced to  
5 typewritten form by means of Computer-Aided  
6 Transcription to the best of my ability.

7 I further certify that the foregoing  
8 transcript is a true, correct and complete record  
9 of the testimony given and of all proceedings had  
10 before me to the best of my ability.

11 I further certify that I am not a  
12 relative, employee, attorney or counsel of any of  
13 the parties, nor financially interested directly  
14 or indirectly in this action.

15  
16  
17  
18  
19  
20  
21  
22  
23  
24

PAMELA S. MORGAN, C.S.R. 084-001687

PUBLIC HEARING 6/30/2015

A				
<b>abate</b> 64:11,24	<b>action</b> 4:11 62:1 105:14	69:19 78:14 80:7 95:10	23:11	88:12 90:22
<b>ability</b> 102:10	<b>activists</b> 18:8	<b>agencies</b> 27:2	<b>announce</b> 14:12 14:13	94:13 95:11,18 95:21 96:18
105:6,10	<b>activities</b> 19:3 42:20 43:10	28:15,16 80:21	<b>annual</b> 44:6,17	97:1,2 98:12,14
<b>able</b> 28:10 62:6	<b>activity</b> 47:9	<b>agency</b> 1:1 2:3	<b>answer</b> 5:14 80:9	98:15,20
70:24 93:15,16	<b>actual</b> 7:5 76:7	19:24 34:7,8	88:1	<b>areas</b> 8:5 9:20
93:19,22,24	<b>added</b> 10:7 49:20	38:1 65:2 81:12	<b>answering</b> 50:17	36:5,9,10 55:1
100:4	<b>addition</b> 16:13	82:23	<b>answers</b> 85:4	82:11,13,15,24
<b>Abrams</b> 94:19	<b>addition</b> 16:13	<b>Agency's</b> 21:4	<b>Anthony</b> 47:4	82:24 83:7,10
<b>absolute</b> 93:3	31:15 45:1 52:6	51:6	50:20,22	84:2,6 95:11,22
<b>absolutely</b> 24:20	63:24 81:15	<b>aggressive</b> 42:24	<b>anticipate</b> 62:8	96:1 98:22
80:13	102:19	43:16	<b>anxious</b> 37:11	<b>argued</b> 62:2
<b>accept</b> 11:13	<b>additional</b> 9:9	<b>ago</b> 23:14	<b>anybody</b> 16:2	<b>Arguing</b> 10:20
12:12 35:15	49:19 62:9,11	<b>agree</b> 29:17	<b>anymore</b> 90:19	<b>arm</b> 93:15,17
<b>acceptable</b> 69:1	98:20 101:6	<b>ahead</b> 73:15 74:5	<b>anytime</b> 11:9	<b>Army</b> 76:14
91:15	<b>Additionally</b>	77:5 94:10	76:6	<b>arrange</b> 5:21
<b>accepted</b> 6:7	95:6	101:15 103:4	<b>anyway</b> 91:17	<b>arrangements</b>
<b>accepting</b> 3:19	<b>address</b> 6:12	103:24	<b>appalled</b> 93:2	6:12 74:2
6:20	7:17 19:22 25:4	<b>air</b> 72:9	<b>appeal</b> 35:9	<b>arrive</b> 6:5 100:22
<b>access</b> 4:5 51:10	26:16 35:15	<b>Albert</b> 30:2	<b>appears</b> 83:6	<b>arriving</b> 12:11
70:5 71:6 91:10	49:14 54:18	32:13 102:16	95:22 97:12	<b>asked</b> 29:11
91:13	62:10,12 99:12	<b>algorithm</b> 31:6	<b>appendices</b> 84:21	100:12
<b>accessibility</b> 3:2	<b>addressed</b> 12:24	<b>Alliance</b> 24:3	<b>appendix</b> 42:14	<b>asking</b> 39:3
<b>accident</b> 46:21	20:1,17 27:7,20	53:10,11 54:16	42:16,16	56:11,14 63:3
46:22	28:9	60:13 61:21	<b>applause</b> 11:3	67:9 73:6
<b>accidentally</b>	<b>addressing</b> 34:23	62:2,14	<b>applicable</b> 10:3	<b>aspect</b> 26:4 71:20
79:10	40:21 43:9	<b>Alliance's</b> 54:3	14:20 63:10	<b>asphalt</b> 72:15
<b>accommodate</b>	61:18 94:20	<b>allow</b> 12:1,2,5	<b>applicant</b> 3:15	<b>assault</b> 70:22
74:3	<b>adequate</b> 57:20	20:16	<b>apply</b> 21:18	<b>Assembly</b> 1:14
<b>account</b> 81:12	102:24	<b>allowed</b> 11:4	48:11,14 63:13	<b>assess</b> 28:6,10
100:1	<b>adequately</b> 62:6	15:11 52:14	<b>appreciate</b> 15:21	41:5,17 64:11
<b>accountable</b>	<b>administered</b>	<b>allowing</b> 72:22	85:4 104:11	64:24
97:20	13:16	73:8 80:9	<b>appropriate</b> 2:13	<b>assessing</b> 40:19
<b>accumulated</b>	<b>administrative</b>	<b>allows</b> 65:20	4:23 41:13,19	<b>assessment</b> 26:1
73:11	3:10,24 4:1	98:16	<b>approval</b> 6:24	<b>assigned</b> 96:12
<b>accumulation</b>	<b>advocate</b> 36:18	<b>alluded</b> 35:4	20:12 50:5	<b>assist</b> 2:10
38:10	<b>advocates</b> 51:4	<b>alternate</b> 15:4	<b>approved</b> 20:6	<b>associated</b> 13:18
<b>accurate</b> 11:1	<b>aesthetic</b> 60:5	<b>amenity</b> 18:22	27:17 101:18	21:17 43:10
15:8	<b>aesthetics</b> 37:1	<b>amount</b> 14:8	<b>approximately</b>	<b>association</b> 14:21
<b>acres</b> 72:15	<b>affect</b> 52:13	31:3 76:13	5:23 23:3	14:23
<b>act</b> 3:9 13:15	<b>Affiliate</b> 53:10	<b>Amy</b> 1:19 8:8	<b>April</b> 40:14 93:2	<b>ate</b> 35:16
20:17 24:13	<b>afforded</b> 21:6	<b>analysis</b> 20:19,20	<b>aquatic</b> 59:23	<b>athletes</b> 74:20
25:9,11 26:15	<b>afternoon</b> 2:1	33:24	<b>area</b> 9:7 20:20	75:14 76:22
27:19 35:1	8:11 10:12	<b>and-a-half</b> 70:3	24:9 29:3,4,22	<b>attainment</b> 27:14
61:23 83:22	13:23 15:17	72:15 92:22	32:18 36:2,10	<b>attendance</b> 15:10
84:8,13	16:21 18:3 22:6	<b>and/or</b> 68:24	40:22 45:19,22	104:11
<b>acting</b> 34:24	23:24 36:16	<b>animals</b> 19:19	79:19 82:1	<b>attending</b> 8:14

<b>attention</b> 7:13 28:22	<b>ball</b> 34:10	68:14 88:9	93:6	78:15
<b>attorney</b> 80:8 105:12	<b>bank</b> 59:14 69:24 70:2,3,4,18 71:8,15,21	<b>big</b> 23:7 72:19 74:19 75:4	<b>break</b> 69:17,17 73:16	<b>B-R-Y-S-O-N</b> 24:1
<b>audience</b> 10:15	<b>banks</b> 18:18 29:5 71:5	<b>bike</b> 36:24 77:15	<b>breaking</b> 75:3	<b>B-Y-R-D</b> 15:22 16:5
<b>authorities</b> 61:12 95:20	<b>Barb</b> 5:3	<b>billion</b> 43:3	<b>breast</b> 74:11 75:13,16 78:18 92:22 93:23 96:17	<hr/> <b>C</b> <hr/>
<b>authority</b> 51:15	<b>barbed</b> 17:3	<b>birds</b> 37:5	<b>breathing</b> 72:2	<b>C</b> 3:11
<b>Authorization</b> 45:10	<b>base</b> 53:13 74:14	<b>bit</b> 37:17,18 54:11 77:21 81:6	<b>brief</b> 4:20 8:2	<b>call</b> 12:21 14:2,3 14:9 17:21 94:2
<b>authorized</b> 95:20	<b>based</b> 3:2 13:2,4 26:10 33:2	<b>black</b> 23:5	<b>bring</b> 54:15 75:21 89:23	<b>called</b> 14:7 92:3 97:14
<b>authorizes</b> 2:21 8:19	<b>basement</b> 40:19 40:21 41:5,17 43:9 102:22	<b>block</b> 70:3 77:12	<b>bringing</b> 90:15 90:16 91:5	<b>calls</b> 97:18
<b>available</b> 4:2 5:11 77:24	<b>basements</b> 103:1	<b>blue</b> 23:6	<b>brings</b> 34:11	<b>Calumet</b> 9:1,3,4 36:4,5,10 81:1
<b>Avellar</b> 85:9 94:15,16,17 99:1,5,14,17 100:2,16	<b>basic</b> 33:1	<b>board</b> 1:17 4:3 16:7 24:4 51:2 74:18 93:7 96:1 98:18 99:3	<b>broken</b> 69:8	<b>Canal</b> 8:24 9:2,2
<b>Avenue</b> 7:15 77:10	<b>basically</b> 81:7 83:10 84:5,10 85:14 86:15 94:12	<b>boat</b> 17:8 36:24 74:16 77:22 79:9,16 90:4,10 93:8	<b>brought</b> 52:22	<b>cancer</b> 74:11 75:13,16 78:18 92:22 93:23 96:17
<b>average</b> 9:10	<b>basis</b> 44:6,17	<b>boathouse</b> 75:1 89:18,19 91:2,7 91:8	<b>Bryson</b> 22:5 23:22,24 24:1 29:24 34:14 53:9 101:13,15 101:16,23 102:2,7,14	<b>Cannon</b> 85:8 92:12,13,13,18
<b>avoid</b> 12:16 90:13	<b>Bay</b> 60:23	<b>boathouses</b> 22:16 76:11	<b>Bubbly</b> 16:9,9,16 74:13 78:21 79:20 85:14,20 85:22 86:8,21 86:22 87:1,4 88:13 90:18,20 91:2,17,24 95:1 96:7,11,20 97:2 97:7 99:8	<b>canoe</b> 16:23 17:4 17:7 22:9 30:5 31:11 32:18
<b>awards</b> 96:24	<b>beach</b> 78:3,4	<b>boats</b> 38:20 79:12,13,14 90:5,6,6	<b>Buffalo</b> 60:23	<b>canoeing</b> 19:3
<b>aware</b> 24:7 39:20 102:12	<b>beautiful</b> 18:22 70:13 71:6	<b>body</b> 14:20,22 16:10 75:21 94:6,8	<b>build</b> 29:12	<b>canoers</b> 70:6
<b>awful</b> 85:15 86:10 90:21	<b>beginning</b> 67:13 98:11	<b>boots</b> 93:5	<b>building</b> 12:9 89:18 104:7	<b>canoes</b> 30:14
<b>A-R-S-O-N</b> 30:4	<b>behalf</b> 2:4 50:24 51:2 85:11	<b>bottoms</b> 70:23	<b>buildings</b> 55:16	<b>capacity</b> 41:12
<b>A-V</b> 94:17	<b>Behner</b> 69:18 73:18 77:3 78:12,14,15	<b>Box</b> 7:16	<b>built</b> 22:16	<b>capital</b> 42:24 43:14,16 81:18
<hr/> <b>B</b> <hr/>	<b>believe</b> 41:6 43:18 46:13 54:16 57:2 83:4 84:4 87:5 101:20	<b>Bonnett</b> 2:4	<b>Bureau</b> 2:4,12 88:4	<b>captures</b> 54:6
<b>back</b> 5:24 16:2 42:9,11 43:23 46:8,11,18 50:3 55:24 56:15 57:8 69:17 70:17 74:1 78:22 93:20 95:17 100:9	<b>believes</b> 3:5 33:21	<b>booing</b> 11:3	<b>bus</b> 33:9	<b>card</b> 5:3,5,5,7
<b>backed</b> 76:14	<b>benefit</b> 15:2	<b>bottles</b> 93:5	<b>business</b> 18:24	<b>care</b> 33:4 47:11 80:19
<b>backups</b> 40:19 40:22 41:5,17 43:10	<b>best</b> 21:4 25:17 105:6,10	<b>bottoms</b> 70:23	<b>businesses</b> 60:16	<b>carry</b> 79:19
<b>bacteria</b> 19:17 60:24	<b>better</b> 16:3 37:5 37:24 39:5 47:20 75:24	<b>branch</b> 8:23 9:1 9:3 17:13,13 74:12,14,15,21 75:5 85:24 86:22 87:9 89:10,11,12 90:1,2,16,17 92:1,1 93:8 95:1	<b>Byrd</b> 15:18,19,22 15:22 16:3,5,5 16:18	<b>carrying</b> 59:21
	<b>beyond</b> 61:15 63:21 64:4 67:4	<b>branches</b> 72:6	<b>B-E-H-N-E-R</b>	<b>case</b> 4:11 13:20 62:5 90:7

<p><b>central</b> 18:24 20:16 69:23 <b>century</b> 78:22 <b>certain</b> 13:3,15 82:24 <b>certainly</b> 36:8 <b>Certified</b> 105:1 <b>certify</b> 105:3,7 105:11 <b>chagrin</b> 30:19 <b>chairman</b> 16:7 24:4 <b>chairs</b> 93:5 <b>challenge</b> 29:16 93:11,11,12 <b>chance</b> 43:21 53:15 <b>change</b> 17:2 52:21 <b>changes</b> 20:9,11 52:12,15 70:15 81:12 <b>Channel</b> 8:23 9:4 36:3 <b>Chapter</b> 32:14 47:7 <b>chemotherapy</b> 75:18 92:19 <b>Chicago</b> 1:6,13 1:15 2:19 6:18 7:14,20 8:16,19 8:23,24 9:3,7 15:23 16:6,24 17:12,20,21,21 18:15,16 19:4,6 19:13,14 21:11 22:9 23:3,16 24:8,15,16,17 25:23 26:11,16 26:20 27:5,9,16 27:22 28:11 29:3,4,22 30:6 31:11,11 32:17 32:18 33:8 34:3 34:9 36:22 37:8 37:12,23 38:13 39:17 40:8,9,12</p>	<p>40:14 45:18,22 47:9,17,24 48:6 48:7,12 49:18 50:12,24 51:2,7 51:7,17,20 52:1 52:19,22 53:15 53:22 54:2,3,5 54:8,13,15,17 54:20,22 55:5,8 55:13,17 56:5 57:23 59:11 60:2 61:6,13,17 61:18 62:8 63:8 63:12,14 64:3 65:21,24 66:2 66:17 67:1,3,16 67:22 68:10,13 73:1,4 74:12,16 75:7,14 77:10 78:7 79:24 80:17 81:1,5,10 81:11,13 82:3,8 82:22 83:8,12 87:10 89:12 91:11 94:19 95:2,13,23 98:3 99:6,11 100:2 101:17,22,24 102:3,4,5,7 <b>Chicagoans</b> 18:22 29:10 88:19 <b>Chicago's</b> 18:17 19:20 29:9,18 29:18 33:5 53:1 54:7 60:20 61:3 61:7,13 62:3,7 63:1 66:12 69:7 80:20 95:22 98:8,13 100:5 <b>Chief</b> 2:5 <b>children</b> 17:14 76:21 94:9 <b>chosen</b> 86:18 <b>Chris</b> 23:23 30:1 30:4 <b>chutes</b> 71:1</p>	<p><b>Cindy</b> 32:12 36:14,17 42:7 43:13 <b>cities</b> 25:3 60:22 <b>citizen</b> 14:24 24:2 <b>citizens</b> 53:15 60:15 <b>city</b> 2:19 8:16,19 17:7 19:7 20:8 20:10 21:11,15 23:17 27:13 29:7,16 31:23 32:16 33:8 34:3 34:9 36:22 37:23 38:13,14 38:15,21,23 39:3,17,19 40:8 40:9,12,14,16 40:20,22 41:4,7 41:16 43:2,14 44:4,15 47:17 47:23 48:2,6,7 48:11,14,16,19 48:22 49:6,18 50:8,12 51:7 52:1,10,22 53:1 54:16 55:13,17 56:14,23 60:3 62:12 63:14,21 63:23 64:10,23 67:16,17,22 72:13 73:4,10 76:9,20 77:10 78:1 81:5,9,11 81:13,17 82:3,8 82:15,22 83:8 83:11,20,20 88:20,21,22 91:6,9,18 92:5 97:12,20 98:3 99:6,11,15 101:21,24 102:3 <b>city's</b> 20:3 21:13 21:19,20,23 36:23 37:1,20</p>	<p>41:13 42:24 43:11,16 45:6 49:10 52:4 63:18 83:7 95:15 97:9 <b>city-owned</b> 52:2 <b>claiming</b> 33:23 <b>clarification</b> 86:5 <b>clarify</b> 39:10 <b>class</b> 23:17 <b>clean</b> 3:9 20:17 24:13 25:8,11 26:15 27:19 29:8 36:18 37:3 47:6,11 61:23 76:13 78:20 83:22 84:8,13 88:20 93:24 <b>cleaned</b> 85:18 94:13 <b>cleaning</b> 88:9 <b>clear</b> 38:1 54:15 54:22 56:6 58:13 81:8,11 92:5 <b>clearly</b> 14:18 21:8 27:19 33:14 35:24 51:14 54:8 62:11 81:22 <b>Cleveland</b> 60:23 <b>climate</b> 52:21 <b>clinic</b> 94:19,20 <b>close</b> 5:16 6:3,14 11:17 12:14 62:15 101:7 104:7 <b>closed</b> 39:20 78:4 <b>closely</b> 43:23 <b>closes</b> 6:15 <b>closure</b> 3:22 <b>cloud</b> 71:23 <b>club</b> 32:15,16 36:19,20 47:7 59:12 60:1 62:2 74:16 77:11 78:17</p>	<p><b>Club's</b> 36:21 <b>CMOM</b> 41:8 <b>coach</b> 89:7,22 <b>coaching</b> 16:11 <b>coated</b> 70:23 <b>coats</b> 70:20 <b>Code</b> 3:10,24 4:1 <b>cold</b> 22:20 <b>collaborate</b> 80:21 <b>Collateral</b> 9:2 <b>colleagues</b> 55:1 <b>collection</b> 8:18 <b>collision</b> 90:13 <b>combination</b> 10:1 <b>combine</b> 48:22 <b>combined</b> 2:19 8:16,18,20 19:16 26:20 27:23 28:18 40:11 42:15 45:10,15 51:16 55:14 60:20 61:11 <b>come</b> 12:21 14:2 15:18,20 17:22 31:5 35:14 42:9 42:11 69:17 70:17 73:2 74:1 74:21 88:14 94:9 96:8 <b>comes</b> 71:23 78:6 <b>coming</b> 22:14 23:22 30:1 32:11 36:14 53:6 69:15 <b>comment</b> 5:8,17 6:4,23 7:9 11:9 11:17 12:14 16:17 17:24 21:1,2 24:13 35:18 40:2 52:7 52:11,17 62:16 80:9 95:17 101:1 103:20 <b>commented</b></p>
---	--	---	---	--

<p>51:19  <b>commenter</b>  14:16  <b>commenting</b>  40:15  <b>comments</b> 2:10  3:19 4:22,23  5:1,6,8 6:7 7:7  7:8,10,13,21,22  10:7,8,9,16,18  11:8,11,14,15  11:20,22 12:1,3  12:12,13,18,18  13:24 14:4,13  14:14,15,17  15:6,8 43:19  49:4 56:11  62:15 68:9 81:6  84:19,20 86:14  100:14,20  101:6  <b>commercial</b>  51:11  <b>commitment</b>  18:21  <b>committed</b> 7:2  <b>communicate</b>  39:19  <b>communities</b>  25:14 26:5  37:22  <b>complete</b> 61:17  84:23 105:8  <b>completed</b> 14:13  14:16 27:21  42:21 62:7  <b>completely</b> 27:13  43:21 90:9  <b>completing</b> 5:7  <b>completion</b> 42:21  54:4  <b>compliance</b> 3:8  28:6 54:12,16  56:1 83:22 88:3  95:9 98:5,8  100:5  <b>complicated</b></p>	<p>37:21  <b>complied</b> 49:2  50:4  <b>complies</b> 61:8  <b>comply</b> 9:15  54:13 84:12  98:3 100:2  <b>components</b>  99:21  <b>composure</b> 90:12  <b>comprehensive</b>  61:10  <b>compromised</b>  75:18 78:19  <b>Computer-Aid...</b>  105:5  <b>concern</b> 30:8  59:23 74:19  75:4 95:11,11  <b>concerned</b> 14:24  24:2 59:18  102:19,21  <b>concerning</b> 4:10  <b>concerns</b> 51:5,22  81:4  <b>concluded</b>  104:13,14  <b>conclusion</b> 29:2  31:15 78:5  <b>condition</b> 30:16  38:4,9 39:3  40:16,24 41:6  41:19 44:2,7,12  44:18,24 62:20  62:22 63:3,6,17  65:19 68:7  87:17 90:20  <b>conditions</b> 6:8  9:22 28:7 38:15  38:16 41:22  42:17 52:13  61:13 62:18  84:2 95:3 96:23  104:3  <b>condoms</b> 16:14  86:6 93:5  <b>conduct</b> 15:13</p>	<p><b>conducted</b> 96:3  <b>Congress</b> 25:9  <b>conjunction</b>  68:11  <b>connect</b> 80:22  <b>connected</b> 102:9  <b>consent</b> 21:17  62:1  <b>consequence</b>  32:5  <b>Consequently</b>  11:3 54:7  <b>consider</b> 21:10  21:20 23:17  33:20 43:22  52:24 56:19  65:11 73:6  82:23 84:14,24  86:8 90:23  99:22 100:15  104:4  <b>consideration</b>  82:1 84:3,5  85:2 87:23  98:12,14,16,24  <b>considerations</b>  36:11 95:18  <b>considered</b> 12:24  90:4 101:21  <b>considers</b> 10:9  <b>consistent</b> 63:19  <b>constantly</b> 25:21  <b>constitute</b> 57:20  <b>construction</b>  45:17 75:1  <b>consultant</b> 59:9  <b>contact</b> 4:5 82:5  82:12 83:2,11  84:7 96:8,16  98:17,21  <b>contain</b> 6:18  60:24  <b>contained</b> 9:16  12:18  <b>contains</b> 19:17  28:1 45:14  <b>contaminants</b></p>	<p>60:6  <b>content</b> 6:23 7:7  13:9  <b>contested</b> 4:11  <b>continually</b>  44:19  <b>continue</b> 37:11  83:15  <b>continued</b> 73:9  <b>continues</b> 71:20  <b>continuous</b> 36:1  <b>contributes</b>  19:13  <b>contributing</b>  10:3 59:9 65:3  <b>control</b> 4:3,19  9:6,16 21:11,20  27:12,13,18,23  28:21 32:1 35:8  35:10 44:5,16  45:18,21 46:6  46:14,17 52:4  55:6 61:10,14  82:16 95:19,24  98:18 99:3  101:17,21  <b>controls</b> 9:16  20:23 21:3  24:21 25:14,15  25:19,22 26:2  28:20 42:19  44:20 54:19,21  54:23 61:9 67:7  98:1,4,5,8  100:3,6  <b>convey</b> 37:20  <b>conveyed</b> 9:11  72:1  <b>Cook</b> 8:5  <b>Cooperation</b>  52:21  <b>coordinate</b> 38:23  <b>coordinated</b> 38:6  38:19 47:22  62:24  <b>coordinator</b> 89:6  <b>Copies</b> 4:2</p>	<p><b>copy</b> 4:6 56:16  <b>corner</b> 71:11  <b>Corp</b> 76:14  <b>correct</b> 21:22  56:8 63:15  105:8  <b>correctly</b> 88:23  98:15  <b>correlate</b> 84:11  <b>Council</b> 18:5  <b>counsel</b> 8:7 32:14  105:12  <b>count</b> 81:16  <b>country</b> 23:16  24:18  <b>county</b> 8:5,5  <b>couple</b> 27:10  35:2 53:20  56:21 67:12  73:5 101:9,16  <b>course</b> 17:1,6  79:10  <b>court</b> 6:1 10:23  15:2 18:9 32:19  33:6 35:12 46:4  61:23  <b>courteous</b> 79:14  <b>courtroom</b> 22:7  <b>cover</b> 33:23 71:7  <b>covered</b> 41:21  55:2 66:1,7,19  70:19  <b>CPS</b> 69:22  <b>crashing</b> 72:5,9  <b>create</b> 31:6 69:8  <b>created</b> 75:19  <b>creating</b> 96:15  <b>creatures</b> 37:6  <b>credit</b> 81:21  <b>creek</b> 16:9,9,16  74:13 78:21  79:20 85:14,20  85:23 86:8,21  86:22 87:1,4  88:13 90:18,20  91:2,17,24 95:1  96:11,20 97:2,7</p>
---	---	--	--	---

<p>99:8  <b>Crew</b> 74:16,17  74:18  <b>crews</b> 71:21  <b>Crista</b> 75:17 85:8  92:12,13  <b>criteria</b> 82:13,14  <b>critical</b> 21:14  25:6,12,24 27:8  27:10 29:16  35:24  <b>crucial</b> 3:6  <b>CSO</b> 6:18 7:14  7:20 9:16,24  16:12 17:15  20:21 24:14  25:2,12 26:4,5  27:9,13,15 28:1  30:19 31:8  37:22 40:4  42:17,18 48:18  49:8 50:8 52:2  54:6,14 56:3  57:1 58:1,2,8  58:12,15,19,23  59:18 60:3  62:23 63:19,19  64:12 65:1,21  66:1,12,16  70:15,17 71:17  71:20,22 72:1  78:3,23 79:24  81:17 95:3,8,19  95:22 96:8,9  97:1,6,13,16,17  98:2 99:21  102:8  <b>CSOs</b> 2:20 8:17  19:12,20 21:12  21:13,22 22:23  24:16,18,18,22  25:4 26:6 27:5  30:10 31:21  32:3 33:5 34:1  36:9 37:12  39:17 40:9,12  43:11 47:10,13</p>	<p>48:1 54:5,9  55:18 56:4  57:13 61:14  62:7 66:17  68:14 70:15  72:14 75:5,6  78:9 86:1 87:1  87:4,24 96:17  96:22 97:8  98:13 99:7,15  102:19,23  <b>culmination</b>  18:20  <b>cumulative</b> 86:1  <b>current</b> 14:5,16  20:4 49:6 57:20  81:15 83:7  <b>currently</b> 31:22  49:5 55:8 68:15  74:12 99:14  100:7  <b>customers</b> 30:16  31:14  <b>cut</b> 42:13 81:6  <b>C-A-N-N-O-N</b>  92:14  <b>C-E-F-A-L-I</b>  50:23  <b>C.S.R</b> 105:20</p> <hr/> <p style="text-align: center;"><b>D</b></p> <p><b>Dale</b> 22:5 23:22  23:24 53:9  <b>dangerous</b> 93:6  96:6  <b>dangers</b> 68:14  <b>data</b> 7:10,12 65:8  65:14  <b>date</b> 7:5 11:12  <b>dated</b> 65:22  <b>dates</b> 42:21  <b>David</b> 15:20  16:19,21 53:7  59:5,8  <b>Davis</b> 80:6 85:7  85:10,10 86:21  86:24 87:3,6,12</p>	<p>87:14,19 88:6  89:2 103:5,7,7  <b>day</b> 23:19 30:12  70:11 76:23  <b>days</b> 22:22 70:14  70:16 74:20  <b>deal</b> 28:2 34:14  <b>dealing</b> 29:15  48:3  <b>deals</b> 24:13 38:10  <b>Dean</b> 1:18 2:2  7:13 42:4 45:20  <b>debating</b> 83:15  <b>debris</b> 75:9  <b>decade</b> 24:23  54:14 80:23  <b>decades</b> 19:2  <b>decide</b> 64:14,22  <b>decided</b> 41:11,18  <b>decides</b> 83:20  <b>deciding</b> 65:11  <b>decision</b> 5:10 7:4  7:5 10:10 13:2  13:8,13 34:5  83:6  <b>decision-making</b>  13:17  <b>decree</b> 21:17  62:1  <b>dedication</b> 29:6  <b>deeply</b> 80:19  <b>Defense</b> 18:5  <b>definitely</b> 104:4  <b>degree</b> 51:23  <b>delays</b> 20:7 61:18  <b>delineate</b> 27:12  81:22  <b>delineated</b> 37:24  39:5 81:9  <b>demonstrate</b>  93:13  <b>Department</b> 88:4  99:23  <b>depend</b> 5:23 7:5  <b>deposits</b> 38:11  <b>depression</b> 63:10  <b>depressions</b></p>	<p>72:23 73:9  <b>Des</b> 2:22 9:1  59:16,19  <b>Desai</b> 1:21 4:18  8:2,11,12 43:18  46:5,16 48:4,13  50:10 56:9 57:7  57:15 63:3  83:23 84:14  86:19,23 87:1,5  88:2 99:22  100:7 101:20  102:1,5  <b>describes</b> 49:12  <b>describing</b> 10:8  <b>design</b> 9:10  <b>designated</b> 79:21  82:4  <b>designation</b>  74:22 96:4,5  98:18  <b>designations</b>  95:24  <b>designed</b> 22:19  <b>desire</b> 12:6 13:3  14:10 15:5  <b>detail</b> 44:4  <b>detailed</b> 26:1  <b>details</b> 44:15  47:16 79:1  <b>determination</b>  3:14  <b>determine</b> 28:13  96:1  <b>determined</b>  13:19 55:4  <b>determines</b> 65:2  <b>detrimental</b>  16:16  <b>Detroit</b> 60:23  <b>develop</b> 60:17  61:14 64:10,24  68:10  <b>developed</b> 28:15  68:11  <b>developing</b> 35:7  <b>development</b></p>	<p>18:23 20:20  <b>developments</b>  51:9,12  <b>Devlin</b> 85:8 89:3  89:4  <b>dialogue</b> 10:20  15:9  <b>die</b> 71:2  <b>difference</b> 12:23  73:11,12  <b>different</b> 2:21  46:20 54:1  74:23 77:21  86:4  <b>difficult</b> 28:3  39:1 78:24  90:14  <b>dilemma</b> 72:13  <b>diligence</b> 91:13  <b>dine</b> 36:24  <b>direct</b> 96:16  <b>directed</b> 15:6  <b>direction</b> 24:12  85:21  <b>directly</b> 13:9  102:10 105:13  <b>director</b> 2:4  60:13 69:21  74:9 89:10  <b>directors</b> 24:5  51:3  <b>disagree</b> 10:15  <b>disappointing</b>  77:19  <b>discharge</b> 2:17  2:21,23,24 3:3  3:12 8:20 13:21  26:7,8,13,13,18  30:20 48:1  53:22 57:1 59:1  72:24 73:7  97:15  <b>discharged</b> 26:20  27:6  <b>discharger</b> 25:18  33:15  <b>discharges</b> 8:17</p>
---	--	---	--	---

8:21 26:8,12,17 45:11 56:3 64:12 79:24 82:8,17 84:10 96:15 97:1 102:8,9 <b>discharging</b> 59:18 82:4 <b>disclosure</b> 24:3 <b>disconnect</b> 73:7 <b>disconnected</b> 72:21 <b>discouraged</b> 76:16 <b>discuss</b> 85:14 <b>disgusting</b> 17:16 22:24 23:12 79:3 <b>distinct</b> 37:23 <b>district</b> 8:9 18:24 23:3 24:17 26:24 27:2 33:4 33:10,17,23 34:2,6,15 36:6 36:7 61:16 71:4 72:13 75:2 101:23 102:2 <b>districts</b> 27:9 <b>Division</b> 8:7 <b>dock</b> 79:11,19 88:15 <b>doctors</b> 96:21 <b>document</b> 28:17 <b>documented</b> 55:18 <b>documents</b> 7:10 7:12 26:23 28:16,22 <b>dog</b> 35:15 <b>doing</b> 25:17,19 28:11,11 29:21 34:19,22 43:2 44:9 56:23,24 57:5,6 60:4 66:8 67:4 81:17 81:22 <b>dollars</b> 71:13	<b>downstream</b> 19:14 <b>Downtown</b> 17:13 <b>draft</b> 3:16,20 4:20 5:20 10:19 19:9,22 28:1,12 28:24 31:18 37:15 38:4 39:13 40:15 41:1 45:6,8,12 45:23 46:7 49:20 62:20 63:18 65:18 66:13 68:8 81:16 82:2,21 95:5,19 97:18 97:21 98:1,7 100:15 <b>drafts</b> 46:20 <b>Dragovich</b> 1:19 8:8,8 38:14,20 41:6,21 44:22 45:2 48:24 58:3 58:7,15,19,21 59:1 63:8,15,23 64:6,15,18 65:2 65:7,13 66:4,8 66:15,20 67:2,6 67:11,19,24 68:5,16,20 69:4 82:18 98:19 99:4 <b>drain</b> 91:16 <b>dramatically</b> 17:2 19:1 <b>dried-out</b> 71:24 <b>drug</b> 86:7 <b>dry</b> 9:7,10,13 55:3,6,9 <b>due</b> 34:13 <b>dump</b> 23:18 79:18 <b>dumped</b> 23:10 <b>dumping</b> 19:11 <b>duration</b> 95:14 <b>dust</b> 71:23,24 <b>dusting</b> 72:9	<b>D-A-V-I-S</b> 85:11 <hr/> <b>E</b> <hr/> <b>earlier</b> 96:20 <b>ease</b> 91:4 <b>easily</b> 42:3 79:15 92:4 <b>east</b> 7:15 36:4 59:14 70:4 <b>easy</b> 4:4 <b>eat</b> 94:4,7 <b>ecology</b> 69:21 70:9 <b>edge</b> 71:15 <b>effect</b> 71:20 86:1 87:24 88:9,17 <b>effective</b> 49:2 <b>effectively</b> 21:1 <b>effluent</b> 10:1 <b>effort</b> 24:24 25:21 29:12 71:13 76:10 <b>efforts</b> 44:5,15 47:12 59:9 94:23 <b>eight</b> 70:18 87:7 <b>either</b> 6:18 7:20 39:14 70:24 79:8 82:5 <b>elaborate</b> 38:17 <b>element</b> 25:13 27:10 <b>Elementary</b> 69:22 <b>elements</b> 75:21 97:4 <b>Elimination</b> 2:17 <b>Elizabeth</b> 80:6 85:7,10 103:7 <b>Emanuel</b> 29:5 <b>embarrassing</b> 17:18 <b>embody</b> 20:23 <b>emotional</b> 92:21 <b>emphasis</b> 88:21 <b>employee</b> 105:12 <b>empty</b> 93:5	<b>encounter</b> 80:2 <b>encounters</b> 95:2 96:6 <b>ends</b> 11:10 72:8 <b>energy</b> 97:7 <b>enforceable</b> 33:15 <b>enforced</b> 103:11 <b>enforcement</b> 61:24 <b>engaged</b> 61:22 <b>engineer</b> 4:18 8:13 <b>engineering</b> 25:17 <b>engines</b> 90:8 <b>enhance</b> 29:13 <b>enjoy</b> 36:22 37:1 <b>enjoyed</b> 74:6 <b>ensure</b> 2:7,11 7:22 11:18 15:7 19:9,24 20:7 47:17 49:10 61:7 85:1,17 <b>enter</b> 72:22 <b>entering</b> 19:16 <b>entice</b> 91:14 <b>entire</b> 70:18 <b>entitled</b> 28:18 54:17 <b>entrance</b> 74:13 <b>enumerated</b> 90:7 <b>environment</b> 17:15 80:19 94:1 <b>environmental</b> 1:1 2:3 8:12 13:15,19 18:7 19:23 27:1 34:7 34:8 36:11 51:6 94:19,21 <b>environmental...</b> 59:17 <b>EPA</b> 2:12,16,22 3:5,14,18 4:10 4:15 5:9,14,18 6:5 7:2,15,24	8:13 10:9 11:9 11:11,13 13:2,8 13:12,13,17 21:16 24:7 26:10,24,24 28:14,22 29:20 32:7 37:13 48:6 52:22 53:14 54:11 55:12 56:6,13 60:2 76:19 82:7 83:8 83:20,21 84:12 84:21,22 88:4 95:10,19 99:15 101:18 103:17 <b>EPA's</b> 3:22 13:17 35:24 54:18 55:4 <b>epa.publichear...</b> 6:11 <b>equally</b> 21:7 <b>erosion</b> 71:8 <b>especially</b> 21:14 72:5 89:24 94:9 <b>essence</b> 29:11 <b>essential</b> 18:16 21:5 <b>essentially</b> 91:16 <b>establishing</b> 31:20 <b>estimated</b> 3:2 <b>Ettinger</b> 30:2 32:11,13,13,21 32:23 101:13 102:16,16 <b>evaluate</b> 9:19 41:17 44:4,15 44:19 65:8 82:18 98:20 <b>evaluated</b> 44:23 95:21 98:13 <b>evaluating</b> 40:19 <b>evaluation</b> 84:12 <b>Evanston</b> 53:20 <b>evening</b> 10:12 80:10 94:16 <b>event</b> 61:4
---	---	---	---	--

<p><b>events</b> 16:12 31:5 78:3 95:3 97:6 97:16 99:21 <b>everybody</b> 83:18 102:20 <b>evidence</b> 21:12 62:4 <b>exactly</b> 4:8 19:8 54:19 <b>examine</b> 103:20 <b>example</b> 38:3 39:4 42:17,17 49:6 57:19 72:14 73:4 85:20 88:13 104:3 <b>examples</b> 39:7 <b>excited</b> 37:7 <b>exclusively</b> 95:23 <b>excuse</b> 87:8,16 <b>executive</b> 74:9 89:10 <b>exercise</b> 75:11,12 <b>exhibits</b> 7:11 11:19 <b>existing</b> 13:5 45:6,8,12 81:2 100:3 <b>expansion</b> 51:10 <b>expect</b> 82:7,15 89:20 <b>expeditious</b> 7:4 <b>experience</b> 17:2 17:20 51:20 54:1 75:7 76:7 <b>experienced</b> 16:10 51:8 89:24 93:17 <b>explain</b> 4:13 17:18 54:8 62:11 67:16 <b>explained</b> 96:20 <b>exploded</b> 19:4 <b>express</b> 10:18 51:5 <b>expressly</b> 21:21 <b>extension</b> 18:19</p>	<p><b>extent</b> 13:16 16:17 17:24 72:19 <b>extremely</b> 28:3 92:19 <b>E-L-L-A-R</b> 94:17 <b>e-mail</b> 6:7,17 <b>e-mails</b> 6:20,22 56:14 <b>E-T-T-I-N-G-...</b> 32:21 102:17</p> <hr/> <p style="text-align: center;"><b>F</b></p> <hr/> <p><b>F</b> 95:11 <b>face</b> 52:20 96:18 <b>faced</b> 93:12 <b>faces</b> 72:13 <b>facilitation</b> 71:9 <b>fact</b> 26:5 49:17 84:10 <b>factors</b> 3:4 7:6,8 65:10 83:3 84:3 84:8,12 <b>fail</b> 16:15 31:24 <b>failed</b> 54:13 <b>fails</b> 97:21 98:2 <b>fall</b> 11:22 79:10 <b>false</b> 33:3 <b>familiar</b> 75:7,10 76:2 <b>families</b> 17:14,14 88:14 <b>far</b> 48:9 55:15,17 55:18 66:4 <b>fashion</b> 25:5 <b>February</b> 65:23 <b>federal</b> 3:9 9:24 13:16,20 33:6 35:12 45:15 61:8,22 <b>Feds</b> 56:13 <b>feel</b> 78:7 81:20 91:4 <b>feet</b> 22:22 33:12 70:18 73:6 <b>feminine</b> 86:6</p>	<p><b>fence</b> 17:5 <b>fighting</b> 92:21 <b>filing</b> 13:23 <b>final</b> 5:10 7:3 10:10 13:8 20:1 28:23 50:7 97:24 <b>finalize</b> 49:23 <b>Finally</b> 23:13 72:12 <b>finances</b> 25:5 <b>financially</b> 105:13 <b>find</b> 27:22 49:9 <b>finding</b> 56:6 <b>finish</b> 34:16,17 <b>finished</b> 14:5 <b>firm</b> 103:9 <b>first</b> 4:14 6:10 9:8 15:4,17 17:19 23:4 25:12 34:13 45:9 47:23 62:22 69:18 71:17 73:17,23 77:7 81:7 86:2 86:3 93:1 95:17 96:14 <b>fish</b> 17:21,22 37:5 61:2 75:8 88:14,18 94:2,4 94:4,5 <b>five</b> 12:2 16:11 30:13 42:8 43:5 62:17 73:17 <b>fix</b> 34:1 69:7 <b>fixing</b> 69:6 <b>flaws</b> 19:22,23 <b>flexibility</b> 25:3 <b>flipping</b> 44:11 <b>floatables</b> 97:16 <b>floating</b> 77:20 <b>flood</b> 72:17 <b>flooding</b> 38:11 <b>flow</b> 8:21 9:10 37:20 70:20 85:22</p>	<p><b>flowing</b> 70:14 93:4 <b>flows</b> 9:8,8,9 62:6 <b>flush</b> 9:8 <b>focus</b> 54:24 <b>focuses</b> 97:9 <b>folks</b> 40:1 <b>follow</b> 50:14 57:17 <b>followed</b> 4:21 8:1 16:19 18:2 22:4 23:23 25:7 30:2 32:12 36:15 47:4 50:20 53:7 59:6 60:10 73:24 77:3,4 78:12 80:6 85:7 <b>following</b> 4:24 6:8 20:1,18 69:16 <b>force</b> 99:19 <b>foregoing</b> 105:7 <b>foreign</b> 36:11 <b>Fork</b> 9:2 87:9,18 89:11 <b>form</b> 81:16 105:5 <b>formal</b> 62:14 <b>former</b> 24:5 <b>forth</b> 3:10 <b>forward</b> 12:22 14:2 15:18,20 78:6 100:6 <b>forward-thinki...</b> 60:17 <b>fosters</b> 37:12 <b>found</b> 3:23 56:1 <b>four</b> 21:10 30:13 70:3 89:17 98:10 <b>frame</b> 49:1 62:18 <b>framework</b> 61:10 <b>frankly</b> 17:18 <b>free</b> 16:7 <b>frequency</b> 3:3 26:7</p>	<p><b>frequently</b> 17:17 95:2,13 <b>fresh</b> 29:11 <b>Friends</b> 16:23 22:10,15 30:6 50:24 51:21,23 <b>friend's</b> 23:2 <b>front</b> 14:7 15:21 35:17 46:10 100:8 <b>fulfilled</b> 49:6,18 <b>full</b> 24:2 <b>fully</b> 19:10 55:5 61:8 62:3,7 84:15 <b>fundamental</b> 26:4 <b>fundamentally</b> 33:2 <b>further</b> 29:18 51:16 95:6 105:7,11 <b>future</b> 19:7 20:7 20:15,18 29:16</p> <hr/> <p style="text-align: center;"><b>G</b></p> <hr/> <p><b>gallons</b> 53:23 <b>garbage</b> 77:19 <b>general</b> 28:2,4 32:14 47:24 73:10 82:5 97:24 <b>generally</b> 30:20 <b>gentleman</b> 86:16 88:8 <b>getting</b> 76:10 92:21 102:21 <b>Gibbons</b> 73:24 74:6,8 77:1 <b>give</b> 4:20 14:4,14 25:3 45:1 104:4 <b>given</b> 13:14 21:15 48:22 56:12 75:9 84:4 86:13 92:20 97:8 105:9 <b>gives</b> 42:16</p>
--	--	--	--	--

<p><b>giving</b> 8:2 14:17 53:15 77:8 <b>Glendale</b> 53:17 <b>go</b> 10:6 30:22 43:22 46:8,18 50:3 55:24 57:8 63:21 70:11 73:8,15,15 74:5 75:1 77:5 78:24 81:20 84:21 87:20 94:7 95:6 99:1 100:9 101:15 102:10 102:10 103:4 103:24 <b>goal</b> 31:21,23 32:1 51:17 54:3 69:11 <b>God</b> 94:5 <b>goes</b> 43:1 61:15 64:4 68:6 82:21 <b>going</b> 4:14 15:24 18:10 22:21 23:10,17 24:11 24:22 27:8,23 30:12 31:5,8,13 33:4 34:11,20 34:22 35:21 39:12 40:9,10 40:11 42:5,20 54:24 58:12 65:9 69:16 71:12,17 73:21 73:23 81:5,20 83:15 84:9 92:15 94:6 95:17 96:22 100:6,15 101:9 <b>good</b> 2:1 8:11 16:4,21 18:3 22:6 23:24 24:20 31:20 36:16 41:15 46:23 69:19 78:14 80:7 94:1 94:16 <b>gotten</b> 43:20</p>	<p><b>governing</b> 13:10 <b>governmental</b> 14:20,22 <b>government's</b> 61:23 <b>grade</b> 16:8 <b>grades</b> 70:8 <b>Grand</b> 7:15 <b>grant</b> 82:22 <b>great</b> 19:5 24:4 28:1 34:14 43:24 51:8,18 53:11,12 60:14 60:18,22 69:6,9 71:16 74:7 75:11 85:15,20 88:22,22 <b>Greater</b> 61:17 <b>greatest</b> 52:18 <b>greatly</b> 31:17 <b>green</b> 19:5 23:6 60:23 61:3 <b>grew</b> 53:17 <b>ground</b> 23:6 70:21 71:7 72:16,23 75:3 <b>groups</b> 61:22 70:1 <b>grow</b> 71:1 89:21 <b>guarantee</b> 12:10 42:10 <b>guess</b> 34:5 35:19 58:10 87:20 <b>guidance</b> 28:16 28:17,18,19,20 28:22 29:1 42:15 96:11,14 96:24 <b>guy</b> 30:5 <b>guys</b> 56:16 76:6 <b>G-I-B-B-O-N-S</b> 77:1</p> <hr/> <p style="text-align: center;"><b>H</b></p> <hr/> <p><b>half</b> 77:12 <b>halftime</b> 74:7 <b>Hall</b> 1:14</p>	<p><b>hand</b> 15:16 101:4 <b>handle</b> 27:8 62:6 <b>happen</b> 34:21 70:15 78:3 102:22 <b>happened</b> 79:11 <b>happening</b> 17:6 20:14 <b>happy</b> 76:5 85:1 <b>hard</b> 71:17 <b>harder</b> 61:19 <b>harm</b> 61:2 <b>harmful</b> 97:3 <b>hastily</b> 34:19 <b>headquarters</b> 6:5 <b>heads</b> 79:18 <b>health</b> 18:14 19:11,18 37:3 59:22 60:4 94:8 96:16,19 97:6 <b>healthier</b> 75:20 <b>healthy</b> 80:18 93:24 <b>hear</b> 2:14 14:19 16:1 22:11 30:12 <b>heard</b> 37:16 53:16 56:15 81:19 94:24 <b>hearing</b> 1:12,18 2:1,2,6,13,15 3:8,18,20 4:7,9 4:12,14,23,24 5:16,19,21 7:1 7:9,11,14,18,23 8:15 10:5,7,11 10:14,17,21,24 11:1,5,12,18,22 15:7,9,14,24 16:4,18 18:1,9 18:10 22:2,11 23:21 29:20,23 32:10,22 36:13 37:14 42:6,10 46:1 47:2 50:18 53:4 59:5 60:9 60:20 69:14</p>	<p>73:14,21 76:24 78:11 80:4,11 80:15 83:14 85:5 87:8,13,15 88:1 89:1 92:10 92:15 94:14 100:17 101:7 102:15 103:4,6 103:14,24 104:6,13,14 105:3 <b>hearings</b> 3:6,23 32:8 48:18 <b>Hearing-City</b> 1:6 1:13 <b>heavily</b> 61:22 79:20 <b>held</b> 1:13 3:21 <b>Hello</b> 32:13 53:8 <b>help</b> 7:22 15:7 38:21 47:20 54:5 62:18 69:10 75:20,23 90:8 93:14 <b>helpful</b> 11:16 <b>Hensley</b> 74:1 77:2,6,6 <b>heritage</b> 60:18 80:22 <b>herring</b> 23:6,6,6 <b>Hi</b> 8:6 47:5 77:6 <b>hiding</b> 58:12 <b>high</b> 70:18 96:12 <b>higher</b> 51:23 76:21 91:21 96:24 97:8 <b>highlight</b> 19:6 <b>hike</b> 36:24 <b>hissing</b> 11:4 <b>history</b> 23:13 78:22 <b>hit</b> 93:7 <b>hold</b> 3:6 43:13 76:20 <b>holding</b> 3:18 32:8 37:14 60:19 97:19</p>	<p><b>home</b> 37:5 77:12 78:21 <b>homework</b> 35:16 <b>hope</b> 14:7 46:22 78:6,8 94:12 <b>hopeful</b> 76:16 <b>hopefully</b> 94:10 <b>horrifying</b> 72:3 <b>host</b> 61:1 <b>hot</b> 22:22 <b>hours</b> 53:19 <b>human</b> 19:11 77:20 93:4 <b>hundreds</b> 59:22 71:13 <b>hung</b> 72:6 <b>hygiene</b> 72:8 <b>H-E-N-S-L-E-Y</b> 78:11</p> <hr/> <p style="text-align: center;"><b>I</b></p> <hr/> <p><b>idea</b> 35:6 72:2 <b>ideas</b> 103:18,22 104:1 <b>identified</b> 19:21 54:12 <b>identify</b> 21:14 26:6,16 <b>identifying</b> 55:9 <b>identity</b> 18:17 <b>IEPA</b> 19:24 20:6 20:7,12 21:16 33:20 39:3 40:7 40:15 41:4,14 44:3,14 47:24 49:10 52:22,24 54:19 55:8 56:3 64:12,13,22,22 95:21 99:5,19 <b>IEPA's</b> 65:6 <b>Ignatius</b> 74:17 74:18 <b>ignores</b> 96:5 <b>Illinois</b> 1:1,15 2:3 2:12,16,22 3:5 3:10,14,18,21 3:23 4:1,3,10</p>
--	--	--	---	---

4:15 5:9,14,18 6:5 7:2,15,16 7:24 8:13 10:9 11:9,11,13 13:2 13:8,12,13,14 13:17 19:23 24:7 26:24 28:21 29:20 32:7,14 34:7 36:19 37:13 47:7 48:6 51:5 53:14 55:12 56:12 60:2 76:19 82:7 83:8 83:20 88:4 94:21 95:24 98:17 99:3 101:18 103:17 105:2 <b>IL0045012</b> 6:19 7:21 <b>imagine</b> 31:10,19 70:20 75:19 <b>immune</b> 75:19 78:19 <b>impact</b> 13:12 26:18 47:13 52:20 54:5 <b>impacted</b> 30:21 <b>impacts</b> 3:12 26:8 64:11 65:1 <b>implement</b> 60:17 64:11 <b>implementation</b> 21:18 42:18 52:3 54:19 97:22 <b>implemented</b> 21:2,4 43:5 55:5 99:6 <b>implementing</b> 43:9 45:15 <b>imply</b> 69:1 <b>important</b> 19:6 21:7 22:1 25:9 25:15 47:15 75:12 78:20	85:1 88:19 92:20 103:8 <b>impossible</b> 28:6 <b>improve</b> 18:14 29:13 69:8 79:24 80:24 94:23 <b>improved</b> 25:22 <b>improvement</b> 29:3 42:24 43:14,17 69:10 81:18 82:10 <b>improvements</b> 37:8 41:16 52:23 97:17 <b>improving</b> 29:19 29:21 <b>inadvertently</b> 46:19 <b>inaudible</b> 23:15 24:6 33:24 36:1 38:11 40:17 41:23 47:14 48:20 58:9 59:15 63:9 64:1 64:19 72:19 76:15 80:21 81:11,12,18,23 82:7,9,15,17 83:5,21,22 84:5 90:3 95:8,21 96:6 97:3,19 99:8,20 <b>inch</b> 61:5 <b>inches</b> 31:7 <b>include</b> 3:8,11 38:18 41:19 44:8,19 58:9 64:3 68:16 100:9 <b>included</b> 11:18 40:18 42:18,22 49:21 52:7 <b>includes</b> 17:14 20:19 36:10 58:3 96:7 97:13 <b>including</b> 7:6,13	8:5 18:13 19:3 21:23 33:24 59:19 61:9 86:7 <b>incorporate</b> 61:12 <b>incorporated</b> 21:8 25:8 <b>increase</b> 89:14 <b>increased</b> 19:1 24:8 37:9 <b>increasing</b> 22:14 <b>indicate</b> 5:5 7:19 14:23 15:15 101:3 <b>indicator</b> 64:22 <b>indicators</b> 64:13 <b>indirectly</b> 105:14 <b>individually</b> 87:21 <b>individuals</b> 87:20 <b>industrial</b> 51:11 90:2 <b>inexperienced</b> 72:5 90:10 93:9 93:10 <b>infiltration</b> 44:5 44:16,20 <b>inflow</b> 44:5,16,20 <b>inform</b> 47:20 <b>information</b> 4:10 6:24 46:10 49:11 50:10 57:20 84:24 98:21 <b>informational</b> 2:15 4:7,8 <b>informed</b> 47:18 <b>infrastructure</b> 19:5 43:4 61:3 <b>initial</b> 50:5 <b>initially</b> 12:2,6,8 <b>input</b> 99:19 104:11 <b>insist</b> 73:2 <b>inspections</b> 81:14 <b>installed</b> 71:14 <b>instances</b> 39:13	<b>instructions</b> 4:22 <b>integrity</b> 80:20 <b>intend</b> 10:11 66:2 <b>intended</b> 6:22 12:20 66:24 <b>intense</b> 29:2 <b>interaction</b> 76:3 <b>interceptive</b> 37:20 <b>interest</b> 10:24 24:2 29:2 <b>interested</b> 105:13 <b>international</b> 18:6 59:10 <b>Internet</b> 58:8 68:17,24 69:2 <b>intervening</b> 54:14 <b>intro</b> 45:20 <b>introduce</b> 4:15 8:1 <b>invest</b> 91:9,12 <b>invested</b> 91:7 <b>investigation</b> 54:12 95:9 <b>investing</b> 91:6,19 92:7 <b>investment</b> 19:8 <b>investments</b> 40:23 <b>involve</b> 83:8,12 <b>involved</b> 11:21 31:1 47:18 81:3 <b>involvement</b> 4:17 <b>involves</b> 96:9 <b>involving</b> 20:13 71:13 76:15 <b>IOU</b> 35:13 <b>issuance</b> 13:10 <b>issue</b> 11:24 26:16 27:6 31:19 99:12 <b>issued</b> 13:5 24:23 25:2 <b>issues</b> 2:10,11,12 3:7,11 7:3	10:19 11:21 12:19 13:7,19 13:21 49:14 61:19 89:8 94:8 94:21 103:16 103:18 <b>Item</b> 38:4 <b>items</b> 13:18,19 86:9 <hr/> <b>J</b> <hr/> <b>January</b> 92:23 <b>Jay</b> 1:22 8:4 48:4 <b>jelly</b> 17:22 <b>Jen</b> 77:6 <b>Jenn</b> 74:8 <b>Jennifer</b> 73:24 74:1,5 77:1,2,5 <b>job</b> 24:9 <b>jobs</b> 69:8 <b>Joe</b> 15:18,22 16:5 <b>Joel</b> 16:20 18:3 <b>jogger</b> 59:13 <b>join</b> 60:1 <b>joined</b> 92:23 <b>judge</b> 18:2 22:4,6 22:7,7,13 <b>judgment</b> 21:5,7 <b>July</b> 6:3,6,16 11:10 12:15 62:16 100:19 <b>JUNE</b> 1:9 <b>justice</b> 36:11 <b>Justin</b> 85:9 94:15 94:16 <hr/> <b>K</b> <hr/> <b>Kathleen</b> 69:18 73:18 74:2 77:3 77:3 78:12,15 <b>Katrina</b> 36:15 47:3,5 <b>Kaushal</b> 1:21 4:17 8:2,12 10:5 <b>Kaushal's</b> 46:2 <b>Kayak</b> 31:11,12
--	---	--	--	--

31:12	<b>land</b> 71:11 80:18 91:19 92:7	<b>links</b> 55:22	81:5 85:22	<b>man-powered</b> 90:6
<b>kayakers</b> 70:6 72:4	<b>language</b> 28:2 68:23 103:23 104:2	<b>Lisa</b> 2:4	88:11 91:9	<b>map</b> 49:8 57:20
<b>kayaking</b> 19:4 77:18	<b>large</b> 28:23	<b>list</b> 42:20 43:8	100:13 103:16	<b>Marcia</b> 2:5
<b>Kayaks</b> 59:16	<b>largely</b> 5:24 97:2	<b>listed</b> 7:17 66:19 68:22 83:3 87:15,16 95:19	<b>love</b> 75:23	<b>Marine</b> 23:14
<b>keep</b> 11:20 13:22 42:5 78:6 88:20	<b>largest</b> 24:18	<b>lists</b> 54:21 98:1	<b>lovingly</b> 17:21	<b>marked</b> 63:6
<b>kept</b> 11:2	<b>lastly</b> 88:7	<b>literally</b> 22:19	<b>low</b> 76:4 79:14 97:1,2,7	<b>marketing</b> 59:9
<b>key</b> 27:3	<b>launches</b> 17:7	<b>little</b> 9:3 18:11 22:20 36:4,10 61:4 77:21 81:6	<b>lower</b> 1:14 60:4 73:5,6 92:16	<b>Martin</b> 53:7 59:5 59:7,8
<b>kick</b> 34:10	<b>law</b> 13:20 94:18 94:19	<b>live</b> 36:22 80:19 88:12	<b>LTCP</b> 21:15	<b>marvelous</b> 24:9
<b>kicking</b> 22:21	<b>lawfully</b> 13:5	<b>lived</b> 88:17	<b>lucky</b> 23:5	<b>mass</b> 68:17,23 69:2
<b>kid</b> 53:19	<b>laws</b> 13:6	<b>lives</b> 78:1	<b>Lyman</b> 59:6 60:10,12	<b>massive</b> 40:23
<b>kind</b> 72:3 75:24 99:24	<b>lawsuit</b> 27:1	<b>local</b> 69:22 95:20	<b>L-E-K-I</b> 69:20	<b>Materials</b> 34:18
<b>kinds</b> 39:4	<b>lead</b> 69:23	<b>locate</b> 82:8	<b>L-Y-M-A-N</b> 60:12	<b>matter</b> 2:16 5:10 6:2,15 7:4 10:10 13:13 22:1,23 47:21
<b>know</b> 16:2 17:16 26:11,17 30:24 31:4,6,13,16 34:21 39:2,11 39:17 40:1,4 41:2 43:6,21 45:13 49:16 54:17 55:8 57:22 59:3 65:13 66:4 70:13 71:4,4,19 72:1,4,7,8,11 73:9,11 79:4 83:9 84:8 86:2 86:12 88:16 90:5,5 93:6 94:4 98:22 99:14 100:1	<b>lean</b> 33:16	<b>location</b> 49:8 74:22	<hr/> <b>M</b> <hr/>	<b>Mayor</b> 29:5
<b>known</b> 27:3 53:24	<b>learned</b> 70:9	<b>locations</b> 2:24 48:17	<b>mail</b> 6:4,4 100:21 100:21	<b>mean</b> 38:18 41:14 46:16 56:16 57:23 58:16,17 67:3 68:20 72:2 86:23 94:1 97:7
<b>knows</b> 40:9 94:6	<b>leave</b> 40:5 95:15	<b>log</b> 50:8	<b>main</b> 62:17 85:13 86:15 96:12	<b>means</b> 4:7 24:11 25:10 27:5 105:5
<hr/> <b>L</b> <hr/>	<b>ledge</b> 88:16	<b>long</b> 24:24 48:21 94:10	<b>maintain</b> 50:8	<b>measurable</b> 103:9
<b>lack</b> 28:8	<b>left</b> 28:24 30:9 90:17	<b>longer</b> 41:18 45:12 61:18	<b>maintaining</b> 51:13 85:19	<b>measure</b> 25:20
<b>lacks</b> 97:3	<b>legal</b> 8:7 35:12 60:13 62:1 94:20	<b>longest</b> 59:15	<b>maintenance</b> 9:20 20:4,22 40:18 41:12 49:7 50:2 52:8	<b>measures</b> 50:2 62:9,12 63:20 81:16 85:17 97:13
<b>lake</b> 18:15 19:15 53:18,19,24 62:4	<b>legally</b> 33:14 35:22	<b>long-term</b> 9:6 18:20 21:11,20 27:11,17,17 28:21 35:7,10 45:18,21 46:5 46:14,16 52:3 85:17 101:17 101:21	<b>major</b> 24:15 26:14,14,14 27:18	<b>mechanism</b> 41:3 97:19
<b>Lakes</b> 24:4 53:11 53:12 60:14,18 60:22 69:6,9	<b>legally</b> 33:14 35:22	<b>look</b> 28:10 38:3 43:20,21,23 45:7 46:8,11,18 56:18 65:8,14 71:16 78:9 82:12 95:9 100:9	<b>majority</b> 82:3	<b>media</b> 68:17,24 69:2
	<b>legally</b> 33:14 35:22	<b>looking</b> 99:23	<b>making</b> 2:10 10:6 10:9,23 12:1 37:21 40:22 51:17 76:13 91:13 92:5	<b>meet</b> 31:24 32:1 54:22 89:12
	<b>level</b> 1:15 11:2 57:12 63:10	<b>looks</b> 37:16,17 47:4 85:9	<b>managed</b> 70:2	<b>member</b> 14:24 24:3 32:15 36:20 59:11 77:11 78:17
	<b>levels</b> 70:17	<b>lot</b> 25:3,16 71:3	<b>management</b> 25:18 29:13,15 40:17 41:12 51:14	<b>members</b> 1:17 10:15 15:6 18:8
	<b>Lieberoff</b> 5:3		<b>manager</b> 8:9	
	<b>life</b> 24:5 52:12 59:23 94:10		<b>mandatory</b> 54:18	
	<b>light</b> 26:23		<b>manner</b> 7:4 10:13	
	<b>likewise</b> 97:21			
	<b>limited</b> 13:18			
	<b>Lincoln</b> 74:16			
	<b>line</b> 6:17			
	<b>lines</b> 90:14			
	<b>link</b> 48:16 68:18			

<p>36:21 47:8,11 51:3,19 60:1 96:21 <b>mention</b> 9:5 35:2 57:9 90:3 98:9 99:13 102:17 <b>mentioned</b> 27:11 43:18,19 48:4 56:11 86:4,16 99:24 <b>merit</b> 12:24 <b>met</b> 3:15 6:9 49:23 <b>methods</b> 49:11 <b>metropolitan</b> 9:7 33:3,9,16 34:2 34:6,15 45:19 45:22 51:18 61:16 80:17 <b>Meyers</b> 77:4 78:13 80:5,7,8 80:13,16 82:11 82:20 83:19 84:1,17 85:6 <b>mic</b> 16:1 18:11 92:16 <b>Michigan</b> 18:15 19:15 53:18 62:4 <b>microphone</b> 14:18 <b>middle</b> 30:18 <b>miles</b> 92:2 <b>million</b> 18:8,19 43:3 74:24 76:11 89:19 91:6 <b>millions</b> 53:22 91:7 <b>Milwaukee</b> 53:22 <b>mind</b> 13:22 <b>mine</b> 103:2 <b>minim</b> 98:8 <b>minimal</b> 58:4 <b>minimize</b> 14:8 47:13 <b>minimum</b> 9:15</p>	<p>11:3 20:23 21:3 25:14,15,19,22 26:2 28:20 55:5 58:7 61:9 64:2 67:7 98:1,5 100:3,5 <b>minors</b> 96:18 <b>minutes</b> 12:2 73:17,19 101:2 101:9 104:7 <b>misguided</b> 33:2 <b>missing</b> 41:4 97:3 <b>modification</b> 58:7 83:9,12 <b>modifications</b> 9:18 20:5 <b>modified</b> 44:18 <b>modify</b> 44:7 45:3 83:6 100:1 <b>money</b> 31:3 71:3 91:9,12,16 <b>monitor</b> 65:21,24 67:18,23 95:8 97:22 100:4 <b>monitored</b> 66:18 66:20,22,23 67:13,16 68:2 84:9 86:17 87:12 95:12 103:11 <b>monitoring</b> 9:24 20:18 33:12 35:21,23 36:2 52:2 55:24 56:3 65:22 66:2,3,5 66:7,8,12,14 67:4,5,10,11,14 68:3 81:14 86:20 87:22 95:14 98:9 103:1 <b>months</b> 35:13 <b>Montrose</b> 70:4 78:3 <b>MORGAN</b> 105:1 105:20 <b>morning</b> 30:24</p>	<p><b>motor</b> 79:12,13 <b>move</b> 46:23 65:17 <b>moving</b> 78:6 <b>muck</b> 70:19,20 <b>multigeneratio...</b> 18:20 <b>multimillion</b> 71:13 <b>multiple</b> 6:22 <b>Municipal</b> 8:9 <b>Murdock</b> 85:8 89:3,4,4 92:11 <b>MWRD</b> 21:22 30:17 31:2 37:19,20,24 38:19,20,22 39:18 40:8 47:22 48:2,5,8 48:17 52:2,21 54:7 57:21 61:24 62:5 63:19 66:3,5,8 66:14,24 67:5 68:2,12,15,18 81:9,10 87:22 88:5 <b>MWRDGC</b> 9:11 38:7 45:18 62:24 95:13 <b>MWRD's</b> 21:18 63:22 64:4 65:22 <b>myriad</b> 81:17 <b>M-A-R-T-I-N</b> 59:8 <b>M-E-Y-E-R-S</b> 80:13 <b>M-U-R-D-O-C...</b> 89:5</p> <hr/> <p style="text-align: center;"><b>N</b></p> <hr/> <p><b>Nam</b> 23:15 <b>name</b> 2:2 8:11 12:21 14:2,3,6 14:9,12,14,15 14:19 15:3,4,22</p>	<p>16:5,21 18:3 22:6 23:24 30:3 32:19 36:16,17 50:22 53:8 59:8 69:20 74:8 77:6 78:14 80:7,12 85:10 89:4 92:13 94:16 101:14 103:6 <b>napkins</b> 16:15 <b>national</b> 2:17 9:16 18:4 24:14 25:2 61:10 80:22 <b>native</b> 51:13 70:5 <b>nature</b> 3:3 <b>nauseated</b> 93:2 <b>near</b> 74:13 76:4 77:13 78:21 <b>nearly</b> 6:23 <b>necessarily</b> 41:11 42:3 <b>need</b> 6:4 24:19 42:13 43:6,22 47:10 50:13 83:21 85:21 90:13,19 104:8 <b>needed</b> 86:5 <b>needles</b> 86:7 <b>Needless</b> 90:21 <b>needs</b> 27:7 29:7 86:7 <b>neighborhood</b> 69:23 72:17,20 88:11 <b>neighborhoods</b> 19:1 <b>neighbors</b> 69:24 70:2 72:21 <b>Net</b> 97:14 <b>nets</b> 97:14 <b>never</b> 53:21 56:10 63:23 92:24 <b>new</b> 22:16 26:15 27:7 29:6 45:6 46:19 49:13,16</p>	<p>53:1 71:1 76:17 89:15,23 98:4 <b>nicknames</b> 75:8 <b>night</b> 30:18 <b>nine</b> 8:5 9:15 20:23 21:3 25:14,14,19,22 26:2 28:19 54:18 61:9 67:7 98:1,5,8 100:3 100:5 <b>noise</b> 11:2 <b>nonprofit</b> 18:6 <b>normal</b> 16:13 70:11 <b>north</b> 7:15 8:22 8:23 9:1 17:13 36:3,3 69:22 74:23 89:10 90:2,16 91:8,24 <b>Northern</b> 8:9 <b>note</b> 6:20 45:4 72:12 <b>noted</b> 45:2,20,23 <b>notes</b> 46:18 <b>notice</b> 5:19 7:1 7:18 30:17 41:1 <b>noticed</b> 82:21 <b>notification</b> 9:23 40:3 47:14,21 48:3,10,13,18 49:5,11 50:9 57:17 58:8,11 58:11 59:2 64:12,21 65:12 68:10,15,17,21 68:24 69:3 <b>notifications</b> 48:5 <b>notified</b> 5:9 47:10 <b>notify</b> 40:8 47:24 55:12 58:22 68:13 <b>notifying</b> 20:11 20:12 <b>not-for-profit</b></p>
--	---	--	--	--

<p>94:20  <b>novice</b> 89:14 90:1  90:10,24  <b>NPDES</b> 1:5,12  2:18 4:20 6:18  7:15,20 8:17  24:19 28:9  29:18 35:13  54:8  <b>NRDC</b> 18:6  19:21,23  <b>number</b> 6:19 7:6  7:6,20 13:3  19:22 24:18  28:15,24 30:10  34:12 51:8  53:13 62:23  63:6,7,17 64:9  65:18,20 68:7  83:3 84:3 89:20  89:22  <b>numbers</b> 22:14  <b>numerous</b> 36:8  54:13 80:24</p> <hr/> <p style="text-align: center;"><b>O</b></p> <p><b>object</b> 10:16  <b>objected</b> 40:20  <b>objective</b> 29:19  <b>objects</b> 40:16  <b>obligation</b> 63:22  91:19  <b>obstacles</b> 17:3  <b>obtaining</b> 3:16  11:1  <b>obvious</b> 91:8  <b>obviously</b> 32:1,2  77:11  <b>occasions</b> 27:4  55:15  <b>occur</b> 20:7 25:21  39:18 47:10  83:2  <b>occurred</b> 53:21  <b>occurrence</b> 58:15  <b>occurring</b> 25:1  <b>occurs</b> 55:11</p>	<p><b>OEM</b> 41:22  <b>office</b> 2:22 8:5  <b>officer</b> 1:18 2:1,2  7:14 10:5,11  15:24 16:4,18  18:1,10 22:2,11  23:21 29:23  32:10,22 36:13  42:6,10 46:1  47:2 50:18 53:4  59:5 60:9 69:14  73:14,21 76:24  78:11 80:4,11  80:15 83:14  85:5 87:8,13,15  88:1 89:1 92:10  92:15 94:14  100:17 102:15  103:4,6,14,24  104:6  <b>off-chutes</b> 86:17  <b>Oh</b> 42:8 87:6  <b>okay</b> 2:15 22:12  39:15 41:24  45:5 46:4 50:16  56:21 57:11,16  58:5,10 65:17  83:16 87:14,19  88:6 101:8  <b>old</b> 49:14  <b>once</b> 12:22 13:1  14:5 43:19 49:1  77:16  <b>ones</b> 42:1 72:5  86:19  <b>one's</b> 102:22  <b>ongoing</b> 25:21  27:23  <b>online</b> 18:8  <b>on-line</b> 51:4  <b>open</b> 100:19  <b>opening</b> 46:2  <b>Openlands</b> 80:8  <b>operation</b> 8:4  20:22 41:12  49:7 50:2 67:7  <b>operational</b> 9:20</p>	<p>20:3 26:22,22  27:4  <b>operations</b> 40:17  52:8 89:5 99:11  <b>opportunities</b>  77:24  <b>opportunity</b> 4:9  12:4,11 21:6,24  25:4 32:9 35:9  48:19 60:7  69:12,20 77:8  85:3,16 88:23  88:24 91:3,22  92:9 94:11  <b>opposite</b> 71:11  71:15  <b>opposition</b> 13:11  <b>oral</b> 5:6 11:13,15  12:12  <b>order</b> 25:3 74:3  79:18  <b>ordinance</b> 41:23  <b>ordinances</b> 9:21  <b>organization</b>  14:20,22 16:7  18:7 47:8 75:20  80:16  <b>organizational</b>  51:17,21  <b>organizations</b>  18:13 60:16  80:24  <b>organizer</b> 47:6  69:24  <b>originating</b> 6:21  <b>otters</b> 37:5  <b>ought</b> 28:9  <b>outcome</b> 13:4  <b>outdoors</b> 36:22  <b>outfall</b> 58:2  82:19  <b>outfalls</b> 21:19  52:3,5 56:2  65:21 66:1,3,6  66:9,10,13,16  66:18,21,24  67:1,12,15,17</p>	<p>67:22 68:1,4  95:4,8,12,15  97:17 102:8,20  <b>outlined</b> 64:6  <b>outlining</b> 51:15  <b>outside</b> 11:22  98:17  <b>outstanding</b> 7:3  <b>overall</b> 99:20  <b>overflow</b> 8:17  42:15 45:16  55:11 61:6,12  61:19 62:10  <b>overflows</b> 2:19  8:20 9:12 27:24  28:18 40:5  51:16 52:18  55:4,7,9,20  60:20,21,24  61:11 62:4  <b>overhanging</b>  72:6  <b>overview</b> 4:20  8:2  <b>owned</b> 63:23  91:10  <b>oxygen</b> 36:2  63:10  <b>O&amp;M</b> 52:15 57:2  63:19,20,20,22  63:24 64:4,5,7  <b>O'Brien</b> 36:3  <b>o'clock</b> 104:8,9</p> <hr/> <p style="text-align: center;"><b>P</b></p> <p><b>P</b> 30:4  <b>paddies</b> 23:15  <b>paddle</b> 36:24  <b>paddled</b> 32:17  <b>paddlers</b> 30:13  <b>paddling</b> 16:22  <b>page</b> 5:22 38:3  44:23 45:7,7  63:5,18 64:9  65:19 67:19,21  68:8 87:11,16  87:16 95:11</p>	<p><b>pager</b> 11:6  <b>pages</b> 44:11 95:5  <b>PAMELA</b> 105:1  105:20  <b>panel</b> 4:15 7:24  10:14 15:7,10  <b>paragraph</b> 45:9  63:7 64:15  <b>paraphernalia</b>  86:7  <b>park</b> 17:8 23:3  71:11 74:16  75:2 77:14  <b>parkway</b> 73:4,5  73:8  <b>Parson</b> 23:23  30:1,3,4  <b>part</b> 3:6,24 4:1  7:22 18:16  26:24 30:20  35:16 38:6  50:11,13 52:9  52:16 57:2 71:5  73:10 94:22  100:11  <b>participants</b>  75:15  <b>participate</b> 75:14  88:13 99:17  100:12  <b>participation</b>  99:24  <b>particular</b> 36:1  <b>particularly</b> 36:9  <b>parties</b> 105:13  <b>partner</b> 60:15  <b>partners</b> 19:21  <b>partnership</b>  18:12  <b>pass</b> 12:21 14:11  <b>Patel</b> 1:22 8:4,4  39:22 49:13,22  50:6 55:10,21  99:10,16  102:12  <b>pathogens</b> 19:17  59:21</p>
--	---	--	--	---

<p><b>patients</b> 74:11  <b>pay</b> 28:22  <b>peacefully</b> 70:14  <b>penalty</b> 31:24  <b>people</b> 13:3 17:9  17:12,19 19:18  22:14,19,21  23:4,8,19 30:11  30:14,15 40:4  54:3 61:1 70:6  71:7 74:3 76:10  79:4 80:1,17,22  81:3 88:12  91:14 93:23  94:2 101:5  <b>people's</b> 86:14  <b>percent</b> 54:6  89:13  <b>perception</b> 30:9  <b>percolate</b> 72:24  <b>performing</b> 67:5  68:3  <b>period</b> 5:9,17 7:9  11:10,17 12:15  21:3 52:7 61:5  62:16 103:20  <b>permanent</b> 97:16  <b>permission</b> 35:24  82:22  <b>permit</b> 1:5,12  2:18,20 3:7,16  3:17,20,22 4:17  4:18,19,21 5:20  6:19 7:20 8:3  8:17,19 10:19  11:21 13:5,9,11  13:12,22 19:9  19:22 20:2,14  20:16,24 21:9  24:19,20,21,23  25:8,24 26:15  27:7,20 28:1,7  28:9,10,12,19  28:23,24 29:18  31:16,19,22  32:24 33:2,10  33:11,14 35:5</p>	<p>35:13 37:12,15  37:16,17,24  38:4,9,15,16  39:1,3,13 40:15  41:1,3,20,22  42:2,15,17,19  42:23 43:7 44:3  44:8,14,18,23  45:3,6,6,8,9,12  45:13,14,24  46:7,19 47:14  47:16 48:10,14  48:16 49:1,1,13  49:15,16,20,22  49:24 50:11  51:7 52:10,13  52:14,17 53:2  54:8,14,20,21  55:1,3 58:3,14  60:3 61:7 62:8  62:11,18,20,21  63:4,8,18 64:7  65:19 66:11,13  66:17 67:8,13  67:20 68:8  69:10 73:1  76:17,20 81:4,7  81:15 82:2,21  83:21 84:1  87:11 91:23  95:5,19 97:11  97:18,21 98:1,6  98:7,19 99:23  100:15 102:23  103:9,18  <b>permits</b> 8:9 12:5  12:7 28:17  61:13 81:23  100:4  <b>permitted</b> 10:21  <b>permittee</b> 9:15  9:19 28:3,5  52:14  <b>permittee's</b> 20:21  <b>permitting</b> 4:11  38:10 61:11  99:7</p>	<p><b>person</b> 14:4,6,12  14:14,15 15:17  15:19 73:23  79:9 85:9  <b>personal</b> 23:13  37:3 51:20 72:7  <b>personally</b> 16:11  102:21  <b>Pete</b> 60:10 69:15  69:20  <b>Peter</b> 30:4  <b>petition</b> 82:23  <b>phase</b> 25:4  <b>phenomenal</b>  93:20  <b>Phillips</b> 36:15  47:3,5,5 48:9  48:15 49:3,19  50:1,7,16,19  <b>phone</b> 11:5  <b>photos</b> 59:20  <b>photosynthesize</b>  70:24  <b>photosynthesiz...</b>  70:22  <b>physical</b> 93:11  <b>pick</b> 79:16  <b>pity</b> 72:10  <b>place</b> 5:19 18:18  27:16 39:21  71:6 78:2 85:17  <b>placed</b> 7:11  <b>places</b> 17:8,8  37:18  <b>Plaines</b> 2:22 9:1  59:16,19  <b>plan</b> 3:22 9:6,6  9:17,21 20:4,5  20:9,11,21,22  20:24 21:1,11  21:21 27:12,12  35:8,11,14 36:4  36:5 40:18  41:12 42:24  43:4,14,17  45:10,17,18,21  46:6,15,17 49:7</p>	<p>49:12 50:2,5,9  52:4,8,9 57:2  57:11 61:15  63:19,20,22,24  64:4,5,7,11,24  65:22 66:7,14  67:8 68:21 73:2  97:10,11,12,13  97:21,23 99:18  99:19,20 100:7  101:17,20,21  <b>planning</b> 2:22  30:22 50:23  57:6  <b>plans</b> 21:8 28:21  33:13 50:11  52:12,16 57:9  99:11  <b>plant</b> 9:12 71:14  73:6  <b>planting</b> 73:3  <b>plantings</b> 70:5  <b>plants</b> 51:13  70:13,21,21,23  <b>play</b> 19:7  <b>pleasant</b> 75:6  <b>please</b> 5:3 7:12  7:19 11:6,20  12:19 13:22  14:2,17 79:23  <b>plenty</b> 90:3  <b>plugs</b> 71:14  <b>PO</b> 7:16  <b>podium</b> 14:3  15:19 23:22  30:2 32:11  36:14 53:6  69:15  <b>point</b> 5:3 12:22  12:23 25:6 33:9  35:19 39:12  41:15 57:2 88:7  91:10,13 95:17  96:9 97:9,24  <b>pointed</b> 88:8  <b>points</b> 2:21,23  35:20 48:1 70:5</p>	<p>97:15 98:11  <b>policy</b> 9:17,24  24:14 25:2,6,8  25:10,12 26:5  27:15 45:16  50:23 73:10  95:20 98:2  <b>pollutant</b> 2:17  96:17  <b>pollutants</b> 19:12  59:19 61:1  <b>pollution</b> 4:3,19  9:17 19:13,16  20:21 24:15  52:9,16 54:6  67:7 71:9 94:6  95:24 96:8  97:10,20,23  98:17 99:3,18  <b>poor</b> 95:2 96:23  <b>portion</b> 29:6  <b>pose</b> 19:18  <b>position</b> 21:21  90:15  <b>positive</b> 51:8  52:23 72:12  <b>possible</b> 69:7  83:1,3  <b>post</b> 83:9  <b>posted</b> 5:18,20  5:22 48:18  <b>post-hearing</b>  103:19  <b>post-permit</b>  20:18  <b>potential</b> 3:11  81:3  <b>potentially</b> 84:6  <b>power</b> 13:14  <b>practice</b> 27:15  96:21  <b>practices</b> 25:18  <b>predicted</b> 31:7  <b>predicting</b> 31:4  <b>preliminary</b> 3:14  <b>premise</b> 33:3  <b>prepared</b> 3:16</p>
--	---	--	---	---

14:4,11 <b>present</b> 1:17 59:16 61:20 <b>presented</b> 12:17 <b>presenting</b> 35:8 <b>preserve</b> 29:11 <b>pressure</b> 54:10 <b>pretty</b> 86:10 <b>prevent</b> 20:14 63:9,9 <b>prevention</b> 9:17 20:21 41:23 52:9,16 55:6 67:8 97:10,20 97:23 99:18 <b>prevents</b> 71:8 <b>previous</b> 30:7 31:17 46:7 <b>previously</b> 81:19 <b>pride</b> 88:10 <b>primary</b> 82:5,11 83:2,10 84:7 98:16,21 <b>prior</b> 5:16 6:24 <b>prioritization</b> 96:10 <b>prioritized</b> 3:2 <b>prioritizes</b> 96:14 <b>priority</b> 89:22 97:1,8 <b>private</b> 55:16,21 <b>probably</b> 23:9 24:17 84:22 89:21 <b>problem</b> 24:15 34:23,24 35:1 <b>problems</b> 19:13 25:1 26:22,23 27:4 33:22 35:3 60:21 62:10 <b>procedures</b> 3:22 15:13 <b>proceed</b> 4:14 11:23 <b>proceeding</b> 2:8 <b>proceedings</b> 34:1 61:24 105:9	<b>process</b> 3:7 4:17 10:6 20:8 25:20 47:18 50:3 52:11 55:11 83:13 96:4 98:16,18 99:2,7 99:9 <b>product</b> 72:8 <b>professional</b> 10:13 21:5 <b>program</b> 9:23 16:8,23 17:11 22:9 26:17 27:18 38:6,19 39:6 41:9 47:21 55:9 68:10 69:21 74:10 89:8,16 91:1 97:14 <b>programs</b> 22:15 58:9 89:5,8,18 89:21 91:1 <b>progress</b> 41:5 43:9 78:8 85:21 <b>prohibited</b> 9:13 10:2 96:21 <b>prohibits</b> 55:3 <b>project</b> 14:18 18:19 92:16 <b>projects</b> 81:19 <b>prolonged</b> 10:20 15:9 <b>promise</b> 81:3 <b>promised</b> 34:16 34:16 <b>prompted</b> 51:12 <b>properly</b> 2:8 <b>proposal</b> 31:18 <b>proposed</b> 34:4 <b>prorate</b> 34:11 <b>protect</b> 54:3 60:18 62:3 82:24 83:10 84:6 <b>protected</b> 79:6 <b>protecting</b> 53:11 69:6	<b>protection</b> 1:1 2:3 8:13 13:15 19:24 34:7,8 51:6 80:18 83:7 <b>protective</b> 19:10 <b>protects</b> 82:2 <b>proud</b> 88:20 <b>provide</b> 4:9,16 5:4 12:12 14:15 27:14 31:9 37:5 48:19 52:11 57:19 65:11 71:7 80:9 84:23 <b>provided</b> 7:1 12:13 <b>provider</b> 64:18 <b>provides</b> 48:16 <b>providing</b> 6:8 32:8 54:22 80:18 <b>provision</b> 63:2 65:20 68:9 <b>provisions</b> 3:21 45:15 58:8 <b>public</b> 1:12 3:5 3:20,20 4:7 5:1 7:1,17 8:15 9:22 10:17 11:9 15:1 20:13 21:1 21:6 28:4 35:8 35:9,17 37:14 40:3 41:1 42:2 47:14,18,21,24 48:3,9,13,17,19 49:4,11 52:6,11 52:17 54:17 58:7 60:19 62:15 68:10,14 68:14,21 77:8 83:9,12 91:10 92:5 96:16,19 97:5,22 98:9 99:17,19,23 100:1,4,12 105:3 <b>publication</b> 49:17 59:10	<b>publish</b> 50:9 <b>pull</b> 57:8,9 71:23 <b>pulling</b> 71:21 <b>purpose</b> 2:7 3:19 <b>purview</b> 2:11 <b>put</b> 34:22 35:17 39:22 41:1 76:12 85:17 90:12 93:19 101:10 103:9 <b>putrid</b> 79:2,8,17 <b>puts</b> 88:21 <b>putting</b> 17:4 35:7 76:11 <b>P-H-I-L-L-I-P-S</b> 47:6 <b>p.m</b> 1:10 12:10 104:14	15:12 20:1 37:15 40:2 42:4 46:24 47:19 50:17 56:22 62:17,19 69:13 80:10 82:2 86:13 101:16 <b>quick</b> 46:18 78:5 101:16 <b>quite</b> 17:17,18 44:2,13 <b>quo</b> 85:19 <b>quote</b> 29:10,15 95:12 96:15
				<b>R</b>
				<b>Rahm</b> 29:5 <b>railings</b> 22:18 <b>rain</b> 31:5,8 61:4 72:19,21 <b>rainwater</b> 72:16 72:22 <b>raise</b> 51:21 93:15 93:17,19 <b>raised</b> 5:15 15:16 101:4 103:16 <b>ran</b> 12:8 <b>Randolph</b> 1:14 <b>range</b> 18:13 19:2 <b>rank</b> 99:15 <b>ranking</b> 96:11,12 99:7,9 <b>ranks</b> 99:15 <b>rare</b> 55:15 <b>raw</b> 19:15 27:6 59:20 80:2 <b>reaches</b> 5:10 <b>reaching</b> 7:3 <b>read</b> 28:12 31:18 38:8,12 40:13 66:11 77:15 <b>reading</b> 39:1 <b>real</b> 46:18 72:10 <b>reality</b> 32:2 <b>really</b> 24:21 25:15,15 26:6 26:15 27:6
			<b>Q</b>	
			<b>qualify</b> 82:6,24 84:6 97:15 <b>quality</b> 3:13 10:4 16:13,16 19:10 27:14 37:8,10 52:19 53:10 63:11 65:4,15 69:9 75:5 81:1 95:3 <b>quantify</b> 97:15 <b>quantity</b> 26:13 <b>quarry</b> 34:18 <b>quarter</b> 73:16 <b>question</b> 38:8 39:16 40:6,13 43:12 44:1,10 44:13 47:23 48:21 49:3 50:7 56:1,22 57:16 57:17,18 58:10 58:17 63:16,20 64:8,13 65:18 65:24 68:6,13 82:20 83:16,19 86:15 98:10,11 101:10 102:4,7 <b>questions</b> 5:15	

28:21 29:7 39:1 58:13 65:13 71:17 75:12,23 76:16 78:5,9 79:2 81:24 85:24 99:16 <b>reason</b> 71:5 85:13 <b>reasonable</b> 69:9 <b>reasons</b> 34:12 91:8 96:13 <b>reassurance</b> 60:3 <b>receive</b> 84:19 88:5 <b>received</b> 6:14 7:7 11:11 <b>receiving</b> 3:4,12 3:13 8:22 19:20 20:11 26:9,19 36:7,8 82:4 <b>recess</b> 73:20 <b>recessed</b> 73:19 <b>Reclamation</b> 9:12 33:4,10,16 33:23 34:2,6,15 36:6,7 61:16 <b>recognize</b> 72:12 <b>recognizes</b> 45:16 <b>recommendati...</b> 56:19 62:19 <b>recommended</b> 81:10 <b>reconvene</b> 73:17 <b>record</b> 6:2,15,15 7:11,23 10:23 11:19 15:15 32:20 33:19 76:24 100:18 101:1,3,7,11 105:8 <b>recorded</b> 55:19 105:3 <b>Recovery</b> 74:9 78:17 85:11 89:6 94:23 <b>recreate</b> 77:13 91:21	<b>recreating</b> 36:23 76:10 <b>recreation</b> 82:6 82:12 98:17 <b>recreational</b> 19:3 47:9 77:23 79:21 82:16 83:2,11 84:9 95:23 <b>recurrences</b> 50:9 <b>reduce</b> 34:24 35:1 47:12 54:5 54:9 <b>reduced</b> 105:4 <b>reducing</b> 41:5 43:11 <b>reduction</b> 31:21 <b>redundant</b> 30:8 <b>reference</b> 43:13 77:12 95:4 <b>referenced</b> 37:19 <b>referred</b> 2:18,20 <b>referring</b> 64:15 <b>reflect</b> 9:18 33:11 42:23 81:2 <b>reflective</b> 20:4 <b>regarding</b> 4:16 7:14 10:8 15:12 40:3 47:19 67:9 84:2 <b>regards</b> 48:3 <b>region</b> 59:15 60:16,22 <b>registered</b> 12:4 <b>registration</b> 5:2,4 5:7 <b>regularly</b> 75:14 94:24 96:7 <b>regulated</b> 24:19 <b>regulations</b> 4:2 13:6,10,16 <b>regulatory</b> 51:15 <b>reissue</b> 60:2 <b>reissued</b> 2:17 3:17 28:9 29:17 <b>rejected</b> 35:11 <b>relate</b> 13:9,21	62:19 <b>related</b> 10:19 <b>relates</b> 52:2 64:8 95:18 <b>relative</b> 90:24 105:12 <b>relatively</b> 35:20 <b>releases</b> 78:23 <b>relevant</b> 3:7,11 5:14 7:10 11:20 11:23 13:7,20 <b>reliance</b> 33:18 <b>relied</b> 95:23 <b>relieving</b> 72:17 72:18 <b>reline</b> 43:1 <b>relocate</b> 82:16 <b>rely</b> 37:6 66:3 <b>relying</b> 46:14 66:5 96:5 <b>remain</b> 52:18 <b>remaining</b> 66:1,6 66:18 <b>remember</b> 53:18 101:14 <b>remind</b> 10:22 100:18 <b>remnants</b> 71:24 <b>remove</b> 41:2 <b>removed</b> 57:3 72:15 <b>Renewal</b> 1:5,13 <b>renting</b> 30:14 <b>repeat</b> 44:10 83:23 <b>repetition</b> 12:16 <b>replace</b> 43:1 <b>replaced</b> 58:13 <b>report</b> 26:10,11 29:10,14 55:4 56:10 57:4 84:20,22 95:9 103:2 <b>reporter</b> 6:1 10:23 15:2 18:9 105:2 <b>reports</b> 57:9	<b>represent</b> 14:21 66:24 94:22 <b>representative</b> 56:4 65:22 66:2 66:7,9,10,14,21 68:3 95:14 96:19 <b>represented</b> 67:11,14 87:2 <b>representing</b> 14:22 22:8,10 30:5 <b>repulsive</b> 16:10 <b>request</b> 52:6 <b>requests</b> 53:1 <b>require</b> 25:16,17 26:1 40:7 44:3 44:14 54:20 69:2 <b>required</b> 20:8 21:3 28:5 38:1 39:18 40:16 47:17 50:8,12 52:10 57:23 67:17,22 98:2,6 100:3 <b>requirement</b> 25:13 38:12 48:10 49:20 57:13 62:22 63:4,17 64:9,10 64:14,21,23 65:6,12,18,20 66:11 68:7 <b>requirements</b> 3:8 3:15 9:14,24 20:13,17,19,23 21:17 38:5,9 40:18 44:8,19 44:22 47:20 48:15,23 49:16 49:18,23 58:4 61:8 63:1,11,13 64:2,6 67:8 98:4 103:9 <b>requires</b> 20:24 24:14 29:1 63:8	63:18 64:10 68:9 98:19 <b>requiring</b> 26:16 41:4 <b>reservation</b> 71:12 <b>Reservoir</b> 9:6 45:17 61:15 <b>resident</b> 32:16 77:9,10 <b>residential</b> 51:11 <b>residents</b> 73:7 <b>resolving</b> 7:3 <b>resources</b> 18:5 31:3 38:21,22 80:17 <b>respect</b> 10:13,14 31:17 34:13,14 <b>respond</b> 84:15 101:11 <b>responding</b> 2:9 69:13 <b>response</b> 57:10 84:15,16 100:10 <b>responsibilities</b> 37:23 48:2 52:1 81:8 <b>responsibility</b> 21:22 33:7 38:13 51:15 63:1 <b>responsible</b> 35:22 38:14,16 67:4,6 81:13 <b>responsive</b> 101:12 <b>responsiveness</b> 5:11,13,17 13:1 <b>restore</b> 71:5 <b>restoring</b> 70:4 <b>restrictions</b> 33:13 <b>result</b> 37:9 <b>resulting</b> 19:12 61:24 <b>results</b> 87:21
---	---	--	--	---

<p>88:3,5  <b>retains</b> 72:16  <b>return</b> 12:7  51:12  <b>review</b> 3:7,17  26:1 35:10 50:3  52:7,8,11 76:19  96:3 99:2,10  <b>reviewed</b> 25:23  42:14 101:18  <b>revise</b> 20:9 76:17  76:20  <b>revised</b> 19:9 20:5  97:11  <b>revival</b> 18:18  <b>rice</b> 23:15  <b>ride</b> 77:15  <b>riders</b> 31:12  <b>Rigg</b> 15:20 16:19  16:21,22  <b>right</b> 4:18 10:18  23:18 24:11  28:12 39:8 44:9  50:1 56:23,24  57:5,8 58:20  66:15 67:2,24  68:5 71:12,15  74:8 85:21  88:15 93:15  100:8  <b>ripple</b> 88:9  <b>risk</b> 19:18 30:24  59:21 79:12  96:15  <b>risks</b> 60:5 96:19  97:6  <b>river</b> 8:24,24 9:1  9:1,3,3 16:24  17:2,10,13,20  17:21,22 18:15  18:16,21,23  19:2,7,8,13  22:9,10,15,17  22:20 23:4,9  29:5,19 30:6,9  30:12,16,21,22  30:22 51:1,7,10</p>	<p>51:10,17,20  52:19 59:16,19  59:24 61:6  69:24 70:1,3,7  70:9,14 71:8,9  71:15 74:13,20  75:15 76:6,10  76:22 77:13,13  77:15,18,20,22  77:22 78:7  79:11,13 81:1  87:10 89:12  90:22 93:1,1,24  94:3,5 95:2  102:10  <b>riverboat</b> 57:1  <b>rivers</b> 19:6 27:6  36:23 37:2,6,9  76:12  <b>riverwalk</b> 18:19  22:17,18 29:7  <b>River's</b> 51:2  <b>road</b> 34:10  <b>rock</b> 34:17  <b>role</b> 19:6  <b>roles</b> 51:24  <b>roof</b> 73:8  <b>room</b> 11:2  <b>route</b> 54:22  <b>routine</b> 73:3  <b>row</b> 14:7 15:21  16:8 74:10,12  74:14 75:5  78:20,24 79:16  86:10 92:20,23  93:1,7,9,14,14  93:21,22,24  94:24,24  <b>rowers</b> 30:12  89:14,23,23,24  90:1,9,10,24  93:10  <b>rowing</b> 16:8  74:10,15 75:13  76:5 78:17 79:4  79:24 86:2 89:9  89:15,17 90:5</p>	<p>92:24 93:4  <b>ROW'S</b> 96:19  <b>rules</b> 2:8 3:9  <b>runs</b> 2:8 59:14  <b>R-I-G-G</b> 16:22</p> <hr/> <p style="text-align: center;"><b>S</b></p> <hr/> <p><b>S</b> 105:1,20  <b>safe</b> 76:23 90:15  90:23,23 91:5  <b>safety</b> 37:4 89:7  89:23  <b>Sag</b> 9:4  <b>sake</b> 10:24  <b>sanitary</b> 8:24  16:14 41:8  <b>Sara</b> 1:20 8:6  <b>save</b> 83:16  <b>saw</b> 23:5,7 88:18  93:3  <b>saying</b> 32:24  34:22 39:10  49:21 66:23  67:15 87:3  <b>says</b> 26:11 29:10  29:14 38:6  40:22 43:2 44:7  45:14,14 47:22  68:23 87:18  95:10  <b>SBCR</b> 87:18  <b>Scata</b> 16:20 18:2  18:3,4,12 22:3  <b>Schaefer</b> 50:21  53:6,8 55:19,23  56:21 57:11,16  58:5,10,16,20  58:23 59:3  <b>SCHAFFER</b> 53:8  <b>schedule</b> 42:18  <b>scheduled</b> 6:3  27:21 43:4  <b>schedules</b> 74:4  <b>school</b> 69:22,22  70:1 72:14  <b>scope</b> 11:22  <b>screening</b> 96:11</p>	<p>99:6  <b>seat</b> 14:6 15:21  <b>second</b> 14:3,5  15:19 23:1 37:1  39:16 70:7 92:3  96:9,24 100:11  102:7  <b>Secondly</b> 33:18  99:5  <b>section</b> 4:19 8:10  38:18 43:19  70:3  <b>see</b> 5:3 16:15  22:21 23:8 30:1  34:10 35:17,18  37:11,22 38:24  39:5,9 40:24  42:3 46:8 47:15  49:5 56:18 65:8  65:14 72:4 76:7  76:16 77:17,19  85:2,24 88:16  90:3 91:16  93:20  <b>seeing</b> 56:12  91:22  <b>seen</b> 17:1 18:18  19:14 37:10  51:9 55:14 56:9  89:13  <b>selected</b> 56:2  <b>send</b> 7:12 56:17  88:3  <b>senior</b> 24:6  <b>sensitive</b> 9:19  20:20 51:11  82:13 84:2  95:18,21,22  96:1 98:12,14  98:15,23  <b>sent</b> 6:10,12  40:14 56:10,14  57:21  <b>sentence</b> 4:16  38:5 45:11,14  46:6  <b>separate</b> 41:8,9</p>	<p>41:13 102:5  <b>September</b> 75:3  89:20  <b>series</b> 28:15  <b>serious</b> 26:22  30:8 94:8  <b>servers</b> 6:21  <b>session</b> 79:16  <b>set</b> 3:9 84:24  90:11 91:20,24  95:24  <b>setting</b> 57:12  92:4  <b>seven</b> 74:20  <b>sewage</b> 19:11,15  59:20 60:21,24  61:5,11,12,18  62:4,10 80:2  102:22  <b>sewer</b> 2:19 8:16  8:18,20 9:21  27:24 28:18  41:9,23 44:6,16  45:10,15 51:16  52:18 55:13,14  55:17 56:5  60:20 69:7  <b>sewers</b> 26:20  37:20,21 40:11  41:8,13 42:15  43:1 55:16 69:8  <b>share</b> 89:9,17  <b>shared</b> 60:21  <b>shares</b> 54:2  <b>shell</b> 79:5  <b>sheltered</b> 90:22  <b>Ship</b> 8:24  <b>shock</b> 93:3  <b>shocked</b> 86:6  <b>shore</b> 8:22 36:3  94:3  <b>shoreline</b> 92:2,3  <b>short</b> 74:10 85:16  <b>shortfalls</b> 62:9  <b>Shorthand</b> 105:1  <b>show</b> 74:7 97:21  98:16</p>
---	---	--	--	--

<p><b>showed</b> 62:5  <b>showing</b> 83:1  <b>shown</b> 10:14  <b>shows</b> 97:19              98:21  <b>shuts</b> 27:4  <b>shutter</b> 94:3  <b>sick</b> 61:1 75:22  <b>side</b> 74:23,24              77:21  <b>Sierra</b> 32:15,16              36:19,20,21              47:7 59:11 60:1              77:11  <b>Sierrans</b> 37:7  <b>sightseeing</b> 19:4  <b>sign</b> 31:10,10  <b>signed</b> 5:2 30:23  <b>significant</b> 5:15              19:18 30:10              31:5 69:11 76:9              96:15,18 97:5  <b>silence</b> 11:6  <b>simply</b> 13:11              14:23 54:21              71:1  <b>single</b> 65:5 76:23  <b>sit</b> 72:23 74:17  <b>site</b> 70:10 72:17              89:9,17  <b>sitting</b> 4:18 22:21              76:4 77:21  <b>situation</b> 90:12              91:5  <b>six</b> 35:13 51:3              74:20 78:16              89:16 104:8,9  <b>sixth</b> 16:8 70:8  <b>skill</b> 90:11  <b>skimmer</b> 57:1  <b>skip</b> 12:19  <b>Skrukrud</b> 32:12              36:14,16,17              38:17,24 39:11              39:16 40:1              41:10,24 42:8              42:12 43:16,24</p>	<p>    44:12,24 45:5              46:3,12,22  <b>sliding</b> 23:14  <b>slime</b> 72:1  <b>slowly</b> 72:23  <b>sludge</b> 38:11  <b>small</b> 35:20              72:18 77:14,22  <b>smell</b> 86:10  <b>smelling</b> 59:20  <b>snapping</b> 23:7  <b>solid</b> 22:23  <b>solids</b> 38:11 63:9  <b>solutions</b> 60:17  <b>solve</b> 21:13 33:22              61:19  <b>somebody</b> 78:1  <b>someplace</b> 58:24  <b>somewhat</b> 33:1  <b>soon</b> 34:17  <b>sordid</b> 78:22  <b>sorry</b> 44:11 46:3              83:23 87:3              92:20 101:14              102:1  <b>sort</b> 57:12 88:15  <b>sounds</b> 11:4  <b>sources</b> 10:2  <b>south</b> 8:23 9:2,2              17:13 23:15              40:12 70:4              74:12,14,14,21              74:24 75:5              85:24 86:22              87:9,9,18 89:11              89:11,11 90:1              90:17 92:1 95:1  <b>spans</b> 78:22  <b>speak</b> 12:4,5,6,19              14:1,10,17              15:17 16:1              18:11 32:9              69:13 73:23              77:8 85:4 89:7              90:19  <b>speaker</b> 14:5              31:17 73:18</p>	<p><b>speakers</b> 14:8              27:11 30:7              37:17 39:12              46:12  <b>speaking</b> 13:23              14:12 24:1              85:11  <b>speaks</b> 66:12  <b>special</b> 38:4              40:16,24 44:1,6              44:12,17,24              62:20,22 63:6              63:16 65:19              68:6 84:2 87:17  <b>specialist</b> 50:24  <b>specific</b> 4:21 35:5              47:16 50:10              51:24 52:4              54:24 56:18              99:21 103:17              103:22,22              104:1,2  <b>specifically</b> 39:2              39:9 48:11 54:9              63:21 68:22  <b>Specification</b>              56:1  <b>specificity</b> 51:24  <b>specifics</b> 42:23              43:7 49:15 57:7  <b>specify</b> 39:7 98:3  <b>specifying</b> 64:3  <b>spell</b> 15:3,5 32:19              35:5 80:11  <b>spelled</b> 22:7              36:17 66:13  <b>spellings</b> 15:4  <b>spent</b> 31:2 53:20              71:3  <b>splashed</b> 79:7,8  <b>spoken</b> 100:24              101:5  <b>sport</b> 76:2  <b>spouts</b> 72:21  <b>Springfield</b> 6:6              7:16  <b>SSOs</b> 102:23</p>	<p><b>Stacy</b> 77:4 78:13              80:5,7,13  <b>staff</b> 18:8,12 51:3  <b>stagnant</b> 97:2  <b>stand</b> 33:11  <b>standard</b> 10:4              27:14 65:4              76:21  <b>standards</b> 24:10              51:14 63:11              76:18 81:1              91:20,23 92:4  <b>stands</b> 49:22              52:20  <b>start</b> 32:23  <b>started</b> 17:3              56:11 86:2  <b>starting</b> 89:19  <b>state</b> 13:20 14:19              21:10,12,19              28:16 39:14              85:14 93:3 96:2              103:6 105:2  <b>stated</b> 29:19              46:13  <b>statement</b> 12:17              21:16 95:7  <b>statements</b> 10:16  <b>states</b> 28:14              35:12 49:7              62:23 84:20  <b>stating</b> 13:11  <b>status</b> 83:1 85:19              97:7  <b>stay</b> 2:11  <b>steer</b> 90:8  <b>stenographically</b>              105:4  <b>step</b> 25:10 78:9  <b>steps</b> 33:21 79:23  <b>stood</b> 29:5  <b>store</b> 17:8  <b>storm</b> 9:8  <b>stormwater</b> 19:5              29:9,13,15 43:3              51:6,14 53:1              61:3</p>	<p><b>straight</b> 44:4,14  <b>strategy</b> 19:5              29:9,14 61:4,14  <b>stream</b> 3:4 26:19              97:2,7  <b>streams</b> 8:22              26:9 97:1  <b>Street</b> 1:14  <b>stretches</b> 22:17  <b>strict</b> 51:13  <b>strictly</b> 4:8  <b>strides</b> 69:11  <b>strongly</b> 81:20  <b>structures</b> 82:6  <b>student</b> 94:18  <b>students</b> 70:9  <b>Studer</b> 1:18 2:1,2              7:14 10:5 15:24              16:4,18 18:1,10              22:2,11 23:21              29:23 32:10,22              36:13 42:6,10              46:1 47:2 50:18              53:4 59:5 60:9              69:14 73:14,21              76:24 78:11              80:4,11,15              83:14 85:5 87:8              87:13,15 88:1              89:1 92:10,15              94:14 100:17              102:15 103:4,6              103:14,24              104:6  <b>studies</b> 25:17              33:20 70:7  <b>study</b> 76:15  <b>stuff</b> 23:10,18              72:2,10  <b>subject</b> 6:17  <b>submission</b>              101:23,24              102:2,3  <b>submit</b> 11:16              50:12 102:4,5              103:19  <b>submittal</b> 6:22</p>
---	---	---	--	---

<p><b>submitted</b> 5:16 11:8 26:23 50:15 97:12 99:11 101:17 <b>submitting</b> 5:8 6:4 62:14 100:21 <b>Subparagraph</b> 87:17 <b>Subpart</b> 3:24 <b>subsequent</b> 20:24 <b>substantive</b> 7:7 52:15 <b>Subtitle</b> 3:10 <b>suffer</b> 30:11 <b>sufficient</b> 100:22 <b>suggest</b> 90:11 104:2 <b>suggesting</b> 42:19 43:6 <b>summary</b> 5:11 5:13,17 13:1 84:16 100:10 101:12 <b>summer</b> 17:10 <b>summers</b> 53:20 <b>Sunday</b> 23:1 <b>support</b> 13:11 <b>supposed</b> 27:12 39:17,22 55:12 58:21 68:16 <b>sure</b> 39:14 46:8 49:17 50:4 55:10 75:10 76:13 83:18 84:1,22 85:16 88:23 91:23 102:24 103:10 <b>Surely</b> 92:18 <b>surgeries</b> 93:16 93:18 <b>surprisingly</b> 18:23 <b>surrounding</b> 88:12 <b>surviving</b> 70:22</p>	<p>71:18 <b>survivors</b> 74:11 75:12 76:7 78:18 96:17 <b>suspended</b> 35:23 <b>swimming</b> 53:19 53:24 94:5 <b>syringes</b> 77:19 <b>system</b> 2:18 8:18 9:18 19:16 20:4 24:9,16 26:21 29:4,22 31:9 37:21 39:18,20 40:3 41:8,9 44:6,17 55:17 56:5 57:21 69:7 72:18,24 75:19 81:1 87:22 <b>systems</b> 6:21 55:13,14 78:19 <b>S-C-A-T-A</b> 18:4 <b>S-C-H-A-E-F-...</b> 53:9 <b>S-K-R-U-K-R-...</b> 36:18 <b>S-T-A-C-Y</b> 80:14</p> <hr/> <p style="text-align: center;"><b>T</b></p> <p><b>table</b> 5:4 <b>tabletop</b> 23:8 <b>take</b> 14:6 15:20 33:4,21 43:23 54:9 56:18 62:12 69:16 73:15 76:5 78:8 79:23 90:24 91:3 98:23 100:1,19 <b>taken</b> 17:11 21:21 34:17 41:7 45:23 46:9 46:19 87:23 97:5 <b>talk</b> 22:13 54:11 86:12 <b>talking</b> 56:13 87:9 104:3</p>	<p><b>TARP</b> 21:10,13 21:15,18,20 26:21,21 27:4 27:20 33:18,20 33:22 34:1,11 34:16,17 39:19 40:10,11 45:17 45:21 46:5,14 46:17 54:4,6,10 62:7,9 101:20 102:9,11 <b>team</b> 59:12 75:13 79:6 96:20 <b>teaming</b> 16:14 <b>teammates</b> 86:3 <b>teams</b> 74:15 80:1 <b>technical</b> 2:9 <b>technology-bas...</b> 25:13 <b>teenager</b> 53:21 <b>tell</b> 31:6 71:16 93:13 <b>tells</b> 30:20 <b>temporary</b> 25:20 25:20 97:14 <b>ten</b> 9:9 <b>term</b> 90:24 <b>terms</b> 25:7 81:8 82:19 <b>Terranova</b> 1:20 8:6,6 39:7,15 43:13 44:10 82:10 103:22 104:1 <b>test</b> 87:21 88:3,5 <b>testify</b> 21:24 59:7 60:8 <b>testimony</b> 105:9 <b>tests</b> 88:2 <b>text</b> 30:17 <b>thank</b> 8:14 10:5 16:18 18:1 21:24 22:2,2 23:20,21 29:20 29:22,23 30:3 32:7,9,10,22 36:12,13 37:13</p>	<p>43:24 47:1,2 50:16,16,18 53:3,4,14 55:23 59:4,7 60:7,9 60:19 69:5,12 69:14,19 73:13 73:14 74:6 78:10 80:3,4,8 80:15 84:17 85:3,5 87:19 88:6,24 89:1 92:9,10 93:21 94:11,13,14 100:16,17 102:14,15 103:3,5,13,14 104:10,12 <b>thankful</b> 93:14 <b>thanks</b> 39:15 77:7 <b>Thatcher</b> 59:14 <b>theory</b> 34:4 <b>thick</b> 70:19 <b>thing</b> 23:1 77:17 84:18 <b>things</b> 28:24 35:7 39:4 85:21 86:4 88:18 102:18 103:10 <b>think</b> 23:10 32:24 41:21 45:3 46:1 48:24 49:13,22 50:6 57:16 70:12 79:5 85:15 88:8 88:10,19,22 90:19 91:18 94:3 99:10 100:11 103:7,8 <b>thinking</b> 41:15 <b>third</b> 23:16 92:22 97:9 <b>third-party</b> 6:21 <b>Thirteen</b> 98:6 <b>thought</b> 46:23 84:18 92:24 98:22</p>	<p><b>thousand</b> 36:21 51:3 <b>thousands</b> 17:9,9 17:11,11 30:11 53:13 59:22 60:15 70:8 71:14 92:2 <b>threat</b> 52:19 62:13 <b>threats</b> 61:20 72:17 <b>three</b> 5:23 6:8 20:16 56:2 71:22 72:15 74:15 83:4 84:4 101:8 <b>thrilled</b> 70:12 <b>throw</b> 17:5 <b>thrown</b> 33:8 <b>tight</b> 74:4 <b>tilt</b> 93:8 <b>Tim</b> 53:6,8 <b>time</b> 5:12 11:6,13 12:5,7,8 14:8 17:6 23:5 46:9 48:24 71:18,23 73:3,13 74:4 83:17,24 92:22 93:1 100:16,20 100:22 101:10 102:13 <b>times</b> 9:9 12:23 <b>Timothy</b> 50:21 <b>today</b> 7:18 18:14 22:1,10 30:11 37:14 39:14 53:16 69:13 75:17 83:18 85:13 86:14 101:8 103:16 104:11 <b>today's</b> 4:13 8:14 <b>Tom</b> 18:2 22:4,6 <b>tonight</b> 77:7 <b>top</b> 23:11 70:23 <b>totally</b> 33:18 <b>touch</b> 22:19</p>
--	--	--	---	--

<p>81:24  <b>tracked</b> 103:11  <b>tracking</b> 41:15  <b>Trade</b> 59:10  <b>traffic</b> 90:3,4  <b>trails</b> 70:5  <b>Training</b> 15:23  16:6 74:17  <b>transcript</b> 5:21  5:24 11:1 105:8  <b>transcription</b>  15:8 105:6  <b>transparency</b>  28:8 47:12  <b>treat</b> 10:11 56:24  57:14 82:8,16  83:21  <b>treated</b> 84:11  <b>treatment</b> 9:12  38:5 45:10  57:13 62:23,24  63:4 75:16,18  92:19 97:18  <b>tree</b> 73:3  <b>trees</b> 72:6  <b>tremendous</b> 31:3  52:23  <b>trend</b> 37:11,12  <b>tributary</b> 9:11  <b>tried</b> 74:2  <b>trigger</b> 64:14  65:4,6,12,16  <b>triggered</b> 64:21  64:23  <b>trip</b> 23:2,3  <b>tri-annular</b> 96:3  99:2  <b>trouble</b> 70:21  <b>troubled</b> 54:1  96:2  <b>troubling</b> 42:1  <b>true</b> 105:8  <b>truly</b> 28:4 79:2  <b>trust</b> 54:2  <b>try</b> 30:8 92:16  99:12  <b>trying</b> 91:21</p>	<p><b>TUESDAY</b> 1:9  <b>tunnel</b> 9:5 39:19  45:16 61:15  <b>tunnels</b> 27:5  <b>turn</b> 14:1 18:21  29:12  <b>turning</b> 74:13  <b>turtle</b> 23:7  <b>twelfth</b> 16:8  <b>twice</b> 96:4  <b>two</b> 4:16 20:10  27:1 30:7 31:7  33:12 36:21  56:2 67:22 70:1  71:21 87:10  92:22 96:12  101:8 102:17  <b>two-thirds</b> 61:4  <b>typewritten</b>  105:5</p> <hr/> <p style="text-align: center;"><b>U</b></p> <hr/> <p><b>Uh-huh</b> 86:24  <b>ultimately</b> 91:10  <b>unable</b> 49:9  <b>unclear</b> 35:21,22  <b>uncovered</b> 62:5  <b>understand</b> 28:4  32:4 37:19 39:2  41:10 44:9  58:17 64:20  98:15  <b>understanding</b>  31:21 87:6  <b>undertake</b> 63:21  <b>unequivocal</b>  21:16  <b>unfair</b> 57:18  <b>unfortunately</b>  26:21 77:18  <b>unilateral</b> 52:15  <b>unintentionally</b>  79:9  <b>unique</b> 60:18  99:8  <b>United</b> 35:11  84:20</p>	<p><b>unites</b> 80:16  <b>University</b> 74:16  94:18  <b>unjustified</b> 33:19  <b>unmentionable</b>  72:7  <b>unquote</b> 96:16  <b>unsafe</b> 17:16  31:14 90:4  <b>untreated</b> 19:11  <b>unusual</b> 37:18  <b>unwritten</b> 34:5  <b>update</b> 9:17,20  <b>upgrade</b> 26:2  <b>upgraded</b> 25:23  <b>upgrading</b> 24:10  <b>Urban</b> 31:12  <b>urge</b> 28:21 61:7  76:19 102:23  <b>urges</b> 19:23  61:11  <b>urging</b> 60:2  <b>use</b> 9:21 19:2,19  21:4 28:16  38:21 47:8  64:22 78:2  79:21,22 80:1  82:5,12,16  83:11 84:7,19  95:23 96:18,20  <b>User</b> 96:10  <b>users</b> 96:7  <b>uses</b> 24:8 81:2  83:2 95:1  <b>usually</b> 2:18,20  <b>utilize</b> 17:9  <b>U.S</b> 13:17 21:16  23:14 26:10,24  28:14 34:8  54:11,18 56:6  84:22 95:10,19</p> <hr/> <p style="text-align: center;"><b>V</b></p> <hr/> <p><b>vague</b> 28:2 44:2  44:13 98:7  <b>varies</b> 8:21  <b>various</b> 93:18</p>	<p>96:6 97:15  <b>vast</b> 82:3  <b>vendors</b> 30:14,15  31:13  <b>verbatim</b> 10:23  <b>versus</b> 77:22  <b>Victor</b> 94:17  <b>Viet</b> 23:15  <b>view</b> 31:2 33:1  65:6  <b>violated</b> 25:10,11  <b>violating</b> 65:15  <b>violation</b> 10:3  26:14 27:18  65:5  <b>violations</b> 65:3  <b>virtue</b> 91:19  <b>viruses</b> 19:17  59:21 60:24  <b>Visionary</b> 29:9  <b>visit</b> 2:23 103:21  <b>visited</b> 3:1  <b>visits</b> 3:1  <b>visually-distur...</b>  59:20  <b>vital</b> 24:20  <b>voice</b> 14:18 92:16  <b>volume</b> 3:3  <b>volunteer</b> 16:23  22:8 53:13  59:11  <b>volunteers</b> 51:4  <b>Vulcan</b> 34:18</p> <hr/> <p style="text-align: center;"><b>W</b></p> <hr/> <p><b>waffling</b> 33:1  <b>wait</b> 24:22,24  27:22  <b>waked</b> 79:15,18  <b>walk</b> 53:18  <b>walks</b> 70:6  <b>walls</b> 40:12  <b>want</b> 12:16 22:13  31:13 32:7 37:2  37:13 41:2 42:4  47:12 54:11  55:24 59:3</p>	<p>83:17 104:2,10  <b>wanted</b> 9:5 45:13  71:19 86:12  87:20 88:7  102:17 103:12  103:15  <b>warn</b> 30:15  <b>warning</b> 31:9  <b>warranty</b> 97:17  <b>wasn't</b> 46:22  <b>waste</b> 36:7 53:23  77:20 93:4,4  <b>water</b> 2:5,12 3:9  3:13 4:19 9:11  10:4 13:21  16:10,13,16  19:10 20:17  22:22 24:13,15  25:9,11 26:15  27:14,19 29:8  29:11 31:12,13  33:3,9,16,22  34:2,6,15 36:6  36:7,7,18 37:2  37:4,8,9 47:6  47:11 52:19  53:10 54:4  59:10,11 61:16  61:23 63:10  65:3,15 69:8  70:17 73:8 74:9  74:22 75:4,9,21  75:24 76:3,4,4  78:17,20,24  79:2,6,7,8,15  79:17 80:18,24  83:22 84:8,10  84:13 85:12,18  86:5,10 87:21  88:4,8,10,19  89:6 91:20 92:8  93:5 94:23,23  95:3 96:22  103:1  <b>waterfront</b> 37:2  <b>waters</b> 3:12,13  32:18 59:17</p>
--	---	---	---	--

69:21 70:1 82:4 84:7 <b>waterway</b> 24:9 24:16 29:4,22 47:9 57:24 91:15 97:6 <b>waterways</b> 19:19 23:18 29:14 51:18 53:23 62:3 80:1,20 85:24 90:2,17 91:11 92:6 <b>water-borne</b> 60:5 <b>way</b> 13:22 14:7 26:3 28:13 30:15 31:9 41:15 57:21 75:24 79:7 83:16 99:14 <b>ways</b> 54:13 <b>weather</b> 9:8,10 9:13 31:4 32:2 32:3 55:3,6,9 <b>web</b> 4:5 5:22 <b>website</b> 4:3 5:18 39:23 40:4 48:17 49:8,10 68:18 <b>weed</b> 71:23 <b>weeds</b> 71:21 <b>week</b> 29:4 74:21 77:16 <b>weeks</b> 5:23 71:22 71:22 <b>weigh</b> 21:6 <b>Welch</b> 59:6 60:10 60:12,12 63:5 63:13,16 64:2,8 64:17,20 65:5 65:10,17 66:6 66:11,16,23 67:3,9,15,21 68:1,6,19,23 69:5,14 <b>welcome</b> 2:5 56:17	<b>went</b> 93:1 <b>West</b> 1:14 77:9 <b>we'll</b> 15:13 86:19 <b>we've</b> 18:17 19:14 37:10 56:13 68:8 75:8 80:23 89:13 100:13 101:8 <b>white</b> 17:21 75:8 88:18 <b>wife's</b> 30:19 <b>wildlife</b> 51:13 61:2 <b>Willhite</b> 2:5 <b>willing</b> 103:2 <b>Wilson</b> 77:9 <b>wire</b> 17:4 <b>Wisconsin</b> 53:17 <b>wish</b> 37:10 <b>wishy-washy</b> 44:21 <b>women</b> 75:20 76:21 89:14 <b>women-powered</b> 90:6 <b>wonder</b> 40:7 <b>wonderful</b> 24:10 <b>wondering</b> 73:1 82:14 86:18 <b>Woods</b> 59:14 <b>word</b> 88:15 <b>words</b> 6:18 27:3 <b>work</b> 32:5 35:18 52:24 80:19 94:22 <b>worked</b> 80:23 <b>working</b> 28:14 61:17 75:2 81:23 94:18 <b>works</b> 18:12 99:15 <b>world</b> 23:16,17 <b>world's</b> 51:18 <b>worsen</b> 52:20 <b>worst</b> 70:16 <b>wouldn't</b> 68:21 99:1	<b>write</b> 35:12 <b>writers</b> 28:19 42:16 102:24 <b>writing</b> 11:16 25:7 28:17 39:8 39:14 103:19 <b>written</b> 5:8 6:2 7:12 11:8 12:13 13:24 33:13 62:15 100:20 <b>www.ipcb.stat...</b> 4:4 <b>W-E-L-C-H</b> 60:13 <hr/> <b>Y</b> <hr/> <b>year</b> 3:1 9:10 16:24 17:10 35:14 86:3 89:13,15,15,16 92:23 <b>years</b> 16:12 17:1 17:12 18:17 19:15 23:14 24:5 25:24 31:20 34:23 37:10 43:5 51:9 53:12 59:13 61:21 70:2 73:12 78:8,16 92:23 96:5 98:6 <hr/> <b>\$</b> <hr/> <b>\$10</b> 76:11 <b>\$22</b> 18:19 <b>\$5.7</b> 74:24 <b>\$50</b> 43:3 <b>\$6</b> 89:19 91:6 <hr/> <b>0</b> <hr/> <b>024</b> 67:19,21 <b>084-001687</b> 105:20 <hr/> <b>1</b> <hr/> <b>1st</b> 65:23 75:3 <b>10</b> 31:20 64:9,16 73:19 104:6	<b>10-minute</b> 69:16 73:16 <b>100</b> 1:14 <b>1021</b> 7:15 <b>13</b> 68:8 <b>15-minute</b> 53:18 <b>166</b> 3:24 <b>17</b> 65:18,20 87:16,17 <b>178</b> 67:19,21 <b>18</b> 68:7 89:16 <b>184</b> 2:21 8:20 66:17 67:1 68:1 86:16 87:2 <b>190</b> 95:4 <b>19276</b> 7:16 <b>198</b> 95:4 <b>1994</b> 27:16 95:20 96:10,24 98:2 <hr/> <b>2</b> <hr/> <b>2</b> 67:19,21 <b>2.4</b> 18:7 <b>20</b> 17:1,12 70:2 <b>20th</b> 16:24 93:2 <b>200</b> 89:13 <b>2002</b> 98:6 <b>2003</b> 97:11 <b>2004</b> 26:10 54:12 55:4 56:1,9,19 84:20 <b>2006</b> 20:6 57:3 <b>2007</b> 97:12,13 <b>2011</b> 96:1,5 <b>2013</b> 20:6 65:23 <b>2014</b> 40:14 <b>2015</b> 1:9 6:3,6,16 11:10 12:15 27:16 <b>2019</b> 43:5 <b>2022</b> 43:1 <b>2029</b> 27:21,22 34:10,16 <b>21</b> 59:13 <b>24-hour</b> 61:5 <b>2558</b> 77:9	<hr/> <b>3</b> <hr/> <b>3</b> 38:4,4 45:7,8 62:20,22,23 63:6,7,17 65:19 68:7 87:17 <b>3:00</b> 1:10 <b>30</b> 1:9 51:9 96:4 <b>300</b> 74:19 <b>300-plus</b> 76:22 <b>309</b> 4:1 <b>31st</b> 6:3,6,16 11:10 12:15 100:19 <b>35</b> 3:10,23 4:1 <hr/> <b>4</b> <hr/> <b>40</b> 23:3 53:12 <b>41</b> 95:12 <hr/> <b>5</b> <hr/> <b>5</b> 95:5,10 <b>5:00</b> 73:16,17 <b>5:50</b> 104:14 <b>50</b> 23:13 <hr/> <b>6</b> <hr/> <b>6</b> 38:3 44:2,7 45:1 63:5 95:5 <b>6:00</b> 12:10 104:7 <b>60</b> 75:13 <b>62794</b> 7:16 <hr/> <b>7</b> <hr/> <b>7</b> 40:16,24 63:18 <b>72</b> 65:21 66:12 66:19,20,21,23 68:4 86:16,23 87:2 <hr/> <b>8</b> <hr/> <b>8</b> 63:17 <b>85</b> 54:6 <hr/> <b>9</b> <hr/> <b>9</b> 44:23 64:9 65:19 87:11,16 <b>99</b> 12:23
--	---	---	--	---