ILLINOIS POLLUTION CONTROL BOARD

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IN THE MATTER OF: AMENDMENTS TO PRIMARY DRINKING WATER STANDARDS: 35 ILL. ADM.CODE 611.490

) R14-9) (Rulemaking -) Public Water Supply)

NO CHERKS OFFICE

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STATE OF ILLINGIS Molifican Control Board

The following is the transcript of a hearing held in the above-captioned matter, taken stenographically by Gary J. Maninfior, CSR, RPR, a notary public within and for the County of Coles and State of Illinois, before Michael J. McCambridge, Hearing Officer, at the Illinois Pollution Control Board, Board Conference Room, 1021 North Grand Avenue East, Springfield, Illinois, on the 13th day of November, A.D., 2013, commencing at 1:00 p.m.

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Page 2 1 PRESENT: 2 Hearing Taken Before: Illinois Pollution Control Board. 3 100 West Randolph Street, Suite 11-500. Chicago, IL 60601 4 (312) 814-6924 BY: Michael J. McCambridge, Hearing Officer 5 Attending Board Member: 6 Deanna Glosser, PhD., Chairman 7 Also Present Board Member: 8 Connie Newman, Executive II 9 **APPEARANCES:** 10 Illinois Environmental Protection Agency 11 1021 N. Grand Avenue Springfield, IL 62794-9276 12 (217) 782-5544 BY: Joanne Olson, Assistant Counsel 13 On Behalf of Agency 14 Agency Witnesses: 15 Michael Crumly, Compliance Assurance Section 16 Scott Siders, Labs Accreditation Unit, Division of Laboratories 17 Also Present Agency Members: 18 Larry Mraz, Assistant Counsel 19 James Jennings, Assistant Counsel 20 Jim Stivens, Assistant Counsel 21 John South, Labs Accreditation Unit, EPS III 22 Janet Cruse, Labs Accreditation Unit, LQS II 23 Kyle Rominger, Deputy Counsel 24

Page 3 1 Mr. McCambridge: Let the record 2 reflect this is the myrick and economic hearing in 3 Amendments to Primary Drinking Water Standards, 35 4 Ill. Adm. Code, 611.490, Docket R14-9. This is 5 the second hearing. My name is Mike McCambridge. 6 I'm the hearing officer. Attending with me is 7 chairman Deanna Glosser, the attending board 8 member. 9 Would you like to do the introducing? 10 Ms. Olson: Sure. Thank you. 11 My name is Joanne Olson, I'm the assistant counsel 12 at Illinois E.P.A. and with me today I brought two 13 agency witnesses. 14 Mr. Crumly: I'm Michael Crumly with 15 Compliance Assurance section. 16 Mr. Siders: I'm Scott Siders with the 17 Labs Accreditation Unit, Division of Laboratories. 18 Mr. McCambridge: Would the people in 19 the back like to introduce themselves for the 20 record? 21 Mr. Mraz: Larry Mraz, Attorney, 22 IEPA. 23 Mr. Jennings: James Jennings, 24 Assistant Counsel, Illinois EPA.

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1	Mr. Stivens: Jim Stivens, Assistant
2	Counsel, Illinois EPA.
3	Mr. South: John South, member of the
4	Labs Accreditation Unit.
5	Ms. Cruse: Janet Cruse, member of the
6	Accreditation Unit, Laboratory Quality Specialist.
7	Mr. McCambridge: And also in the
8	room is Connie Newman with the Pollution Control
9	Board.
10	We had a hearing the 5th, that was
11	last Wednesday, if I'm not mistaken. I have a
12	couple of things to mention out of that. I
13	received the transcript. We are having it
14	corrected. The testimonies that were supposed to
15	have been entered into the record as if read were
16	not in the original of the witness, or of the
17	exhibit submitted by the agency was not included
18	with the transcript. We're working to get that
19	corrected.
20	Another thing we checked yesterday and
21	again today, we have no response right now from
22	the Department of, what is it, DECA is what they
23	used to be, on the economic impact study. So we
24	have no word either way. Of course, the purpose

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1	of this hearing and the one we had last week is
2	also to take any testimony with regard to economic
3	impact that anyone would wish to submit for the
4	record.
5	While I was making this statement
6	another person walked in. Could you identify
7	yourself for the record?
8	Mr. Rominger: Kyle Rominger, Illinois
9	EPA.
10	Mr. McCambridge: Very good. Ms.
11	Olson, does the agency have anything that they
12	would like to add to the record we have assembled?
13	Ms. Olson: Not at this time. We
14	would like to rest on the testimony that we
15	pre-filed and entered into the record last
16	hearing, and the exhibit that we entered, Exhibit
17	Number 1, and if the board or the hearing officer
18	or any members present have any questions we would
19	be happy to answer them.
20	Mr. McCambridge: I do have a couple.
21	Ms. Olson: Sure.
22	Mr. McCambridge: We discussed, oh,
23	the language. The agency, and this is Exhibit 1,
24	although it's not numbered in my hand. The agency

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1 suggested in a couple segments to add language to 2 the effect of a certified laboratory listed in Section 611.490A. We last week listed that there 3 4 is going to be no list of that individual 5 laboratories, that the agency intended that there 6 would be three classes identified in Section 7 The agency would have no objection to 611.490A. 8 language that would more clearly say laboratories 9 of the types identified in 611.490A or classes 10 identified? 11 Ms. Olson: Having not seen the 12

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language I can't say whether or not we would have an objection. But language such as laboratories described in 611.490, classes of laboratories, changes like that would be satisfactory.

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Mr. McCambridge: Very good. Also an issue was raised about the, I guess, the approval in 611.490. I can't remember the exact language. I'm not finding it at the moment.

20 Oh, yes, substantially equivalent to 21 certification standards under Section 40 of the 22 Act. Historically in the drinking water rules 23 where U.S. E.P.A. has provided that decisions are 24 made on a case by case basis. We have the

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1	mechanism of a special exception permit. That is
2	basically the agency is making a permit decision
3	that is appealable to the board.
4	Would the agency object to the
5	determination that an out-of-state laboratory is
6	acceptable for use?
7	Mr. Crumly: It would probably be the
8	best bet if I would defer that until I have a
9	chance to talk to a couple of people here.
10	Ms. Olson: Last week the agency stated
11	that it would not object to the deletion of that
12	language.
13	Mr. McCambridge: But your objective
14	is to make sure that the certification occur
15	according to the state criteria that are
16	statutorily required of the agency?
17	Ms. Olson: That is correct, and in
18	looking at the board's questions that were
19	presented to the agency and having many
20	discussions amongst our technical staff we
21	concluded that U.S. E.P.A. is granting primacy
22	enforcement responsibility to our sister states
23	and if U.S. E.P.A. has not withdrawn primacy or
24	questioned their primacy and the requirement that

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Page 8 1 they have a laboratory certification program the 2 sister states have gotten the approval of U.S. 3 E.P.A. and we would be comfortable resting, 4 accepting our data on the U.S. E.P.A.'s approval 5 of our sister states. 6 Mr. McCambridge: But there would be a 7 separate approval by the agency, because I believe 8 the agency maintained that there would have to be 9 no laboratory within the Illinois or approved by 10 the Illinois E.P.A. already for that pollutant or 11 contaminant, or sorry, not pollutant, contaminant. 12 Ms. Olson: That is correct, our goal 13 is to open up the number of laboratories available 14 to our community water supplies in the event that 15 no laboratory has obtained an Illinois 16 certification for a particular contaminant. 17 Mr. McCambridge: So in 611.490A we 18 will be identifying three classes or types of 19 If one is approved by U.S. E.P.A.; the that. 20 second is approved by the agency; the third is 21 approved by a sister state under defined criteria 22 that, I believe you wish that the agency would be 23 making an approval there, that laboratory be used? 24 Ms. Olson: We had initially proposed

1 that the agency would evaluate the certification 2 in the other primacy enforcement states, and that 3 is where the substantially equivalent language 4 comes from. However, we have acknowledged that 5 this requirement may not be necessary because U.S. 6 E.P.A. has given that state primacy enforcement 7 responsibility. It has approved their 8 certification programs. 9 The other thing I would like to 10

mention is that, yes, there are three classes that 11 you mentioned: U.S. E.P.A., and Illinois E.P.A. 12 and sister states with primacy enforcement. 13 However, the Illinois E.P.A. would like to stress 14 that the third category not be treated equally, 15 and what I mean by that is states that have 16 accredited labs so other primacy states, 17 laboratories accredited from those primacy states 18 be allowed to be used for Illinois community water 19 supplies only when Illinois E.P.A. has not 20 certified a lab for that contaminant.

Mr. McCambridge: So you would leave the individual water supply free to select a laboratory without prior agency approval if where like that radon or radium or something, if that

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Page 10 1 laboratory is certified for it and Illinois E.P.A. 2 has not certified a laboratory for that 3 contaminant and U.S. E.P.A. has not certified a 4 laboratory for that contaminant? 5 Ms. Olson: That is close except for 6 the U.S. E.P.A. part. 7 Mr. McCambridge: So they would all 8 pass the U.S. E.P.A. muster? 9 Ms. Olson: So the agency is proposing 10 that outside of U.S. E.P.A. approval, because 11 U.S. E. P. A. will probably certify labs for all 12 contaminants, we're making that assumption. Our 13 intent is to broaden this rule to include 14 laboratories certified by other primacy states 15 only when Illinois E.P.A. has not certified for 16 that contaminant. So, for example, there may be a 17 lab, U.S. E.P.A. may have certified a lab for 18 radiological parameter. Illinois E.P.A. or the 19 state of Illinois through its other agencies has 20 not certified any labs in state or out of state 21 for radiological parameters. Therefore, we would 22 accept under our proposal a laboratory that has 23 been certified by say Missouri, or Wisconsin or 24 any other primacy state.

1 Mr. McCambridge: The question, 2 though, I guess is does the agency wish to make 3 that approval before the supplier runs a set of 4 analysis or does the agency wish to just run the 5 risk of disallowing analytic results after the 6 fact because they were not done at a laboratory 7 that meets that criteria? 8 Ms. Olson: The laboratories that we 9 are proposing to include would be certified by a 10 state that has primacy enforcement responsibility. 11 As a part of having primacy enforcement 12 responsibility that laboratory must meet the 13 accreditation standards of that primacy state. 14 U.S. E.P.A. has reviewed and approved the 15 certification programs in those primacy states. 16 If it did not approve the certification programs 17 that state would not have primacy. 18 Mr. McCambridge: What I'm trying to 19 avoid is the possible error that a supplier could 20 go to a laboratory that is certified for the 21 contaminant, have the analysis performed, but it 22 was inappropriate because there was an Illinois 23 laboratory or a laboratory approved outside of

Illinois by the agency. That's what I'm trying to

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Page 12 1 nail down here. Mr. Crumly: That's fine. 2 I think we 3 see it can happen both ways. 4 Mr. McCambridge: But I sense a 5 reluctance on the part of the agency to be 6 reviewing or granting approvals riding by --7 Mr. Crumly: Because we would be 8 accepting that state's primacy certification where 9 we might not have thoroughly reviewed it, even 10 though it was approved. 11 Mr. McCambridge: I'm trying to avoid 12 future trouble through uncertainty. So the 13 agency's state of preference is to just have that 14 third class defined and to have no prior approval 15 process or anything on the part of the agency? 16 Mr. Crumly: I would think so. 17 Ms. Glosser: Then that leads me to a 18 I didn't have any questions, but how question. 19 would a water supply facility know who they should 20 send something to? I mean, I'm not familiar with 21 their business. So do they automatically have 22 lists so that they know who to send stuff too? 23 Ms. Olson: Can we swear in our 24 witnesses?

Page 13 1 (At this point the court reporter swore in the witnesses, after which the following 2 3 proceedings were conducted:) 4 Mr. Crumly: Normally how we handle, 5 would handle a situation like that, they would 6 call us and they would say, you know, they have to 7 do some tests and we would say "Here is the 8 guidelines you must follow: you must find", there 9 is no lab, to my knowledge, in Illinois certified. 10 So in order to find a lab you need to call a 11 neighboring state or any state, but you have to 12 insure that they are certified by a primacy state, and we would leave it up to them to go forward and 13 14 find, unless we would know some offhand. 15 Ms. Glosser: On the list, the labs 16 certified by E.P.A. in Illinois or out of 17 Illinois, are they posted on a website so they 18 know who those are? 19 Mr. Siders: Right, on the Illinois 20 E.P.A., Environmental Laboratory Accreditation 21 website, we have a list of our accredited 22 laboratories, and we update that quite often. 23 So what labs are accredited in Illinois is readily 24 available.

Page 14 1 And for public water supplies, if they 2 need to go to a lab outside of Illinois that's 3 certified in radiochemistry they will say that 4 information is public available, on either that's 5 state website or on the TNI's national website. 6 So it's pretty easy to find that information. 7 Ms. Glosser: So it's not just a black 8 box that they have to figure this out on their 9 own? So it seems like they would have sources of 10 information. 11 Mr. Siders: Right. All public water 12 supplies know all the testing has to be done at a 13 certified lab, and then when you contact the 14 laboratory they can say "Tell me what your 15 certifications are. Show me your certificate from 16 Ohio, Minnesota or Florida". And it tells exactly 17 what method and contaminants they are accredited 18 for, and the length of that certification. 19 Ms. Olson: Scott, do you know whether 20 or not our website posts agencies or laboratories 21 certified by Illinois Department of Public Health? 22 Mr. Siders: Yes, and that would just 23 be from microbiology. 24 Ms. Olson: So any laboratory

Page 15 1 certified by the state of Illinois would be listed 2 on our website? 3 Mr. Siders: Yes. 4 Ms. Olson: And I have a few follow-up 5 questions for Mike if that's okay. 6 Mike, I'm going to ask you a 7 hypothetical here. So if a community water supply 8 was under the belief there were no laboratories 9 certified in Illinois for a particular 10 contaminant, and it went out of state what would, 11 to another laboratory certified by another primacy 12 state, what would the Division of Public Water 13 Supplies do with the lab results? 14 Mr. Crumly: If there was a laboratory 15 certified in Illinois? 16 Yes. Ms. Olson: 17 I would say we would ask for a resample Α. 18 for a lab that's certified in Illinois, since 19 that's part of our rule that they have to go to a 20 lab that's certified. 21 Ms. Olson: And is there a time 22 restriction on a sample, when the sample is taken 23 or when they have to report, or would it be 24 possible to go back and get another sample and

Page 16 1 send it to another lab? 2 It's possible, a lot of times with Α. 3 radionuclides, though, it's not possible. Plus 4 systems, it depends what monitoring frequency 5 their on, if they are on like a quarterly you have 6 a specific three month window. But if you're on 7 tri-annual or annual you have a whole year or 8 three years to collect that sample in. So that 9 could, you know, it varies, that answer. It could 10 be enough time, and maybe there's not. 11 Mr. McCambridge: If I may ask: since 12 the primary focus right now is on radionuclides 13 what is sample turn-around? 14Mr. Crumly: I believe for 15 radionuclides about 45 days. 16 Mr. McCambridge: About half of the 17 sampling period. 18 Mr. Crumly: They can rush samples, 19 if needed. But normally, like our sample demand 20 letters when we send out, when supplies, time for 21 them to monitor we specify in there that you need 22 to go to a lab certified by Illinois. I don't 23 envision us putting this other part in there 24 unless it comes to a point where there is no lab

Page 17 1 certified in Illinois, then we would include in our sample demand that since there is no 2 3 laboratories in Illinois certified then you can go 4 elsewhere, but that information would not be 5 available to them unless there wasn't any labs in 6 Illinois. 7 Ms. Olson: So every time they have to 8 report their samples do we send a sample demand 9 letter? 10 Mr. Crumly: Uh-huh. 11 Ms. Olson: And in that letter we tell 12 them what laboratory they need to use? 13 What type of laboratory, yes. Α. 14 Mr. McCambridge: I don't know if this 15 came out earlier, but are there suppliers that are 16 out of compliance presently because they have not 17 been able to obtain the radiologic? 18 Mr. Crumly: We have, the majority of 19 suppliers use outside Illinois labs that have been 20 certified by U.S. E.P.A. We do, I believe, 11 21 water systems that currently are still using the 22 laboratory in northern Illinois who lost, whose 23 certification had expired in November or December 24 of last year, December of 2012, that are still

Page 18 1 using that laboratory to send their samples to. 2 We have yet to say anything to them pending what 3 the outcome of this is. Δ Mr. McCambridge: But it is not likely that U.S. E.P.A. is going to hammer us on that 5 6 issue? 7 Mr. Crumly: They are aware of it, and 8 we told them what we are currently doing and they 9 seem to be satisfied with that response. 10 Ms. Olson: Mike, do you know whether 11 or not radionuclides are sampled quarterly or 12 yearly or every few years? 13 Mr. Crumly: It's all dependent on 14 your initial results with the levels found in the 15 sample result determines frequency. For example, 16 if I sample and I have less than half the MCL for 17 radium I can go to an every nine year frequency, 18 because the levels don't fluctuate too much in 19 those aquifers where the radium is found. 20 Ms. Olson: So there are some community 21 water supplies who are sampling for radionuclides 22 once every nine (9) years? 23 Mr. Crumly: Uh-huh, yes. 24 Mr. McCambridge: Do you have anything

Page 19 1 else, Ms. Olson? 2 Ms. Olson: No. We are happy to 3 answer any further questions. Chairman Glosser? 4 Ms. Glosser: I have no further 5 questions. 6 Mr. McCambridge: Okay, I do have a 7 couple of things. The first one is not directly 8 related, but sort of. Remember that we brought up 9 the drinking water update R14-8 where I tried to 10 write that as broadly as possible. That is now 11 out of proposal. I assume that the agency will 12 make comments in the R14-8 proceeding on that. 13 Would the agency have anything to say 14 that would aid in this R14-8 proceeding on that 15 point? 16 I have not had a chance to Ms. Olson: 17 look. I'm assuming the order was entered last 18 Thursday for that rule making? 19 Mr. McCambridge: I believe so, yes, 20 and it should be out. 21 Ms. Olson: I have not looked at what 22 was posted, but is it what --23 Mr. McCambridge: It was on the sister 24 state issue, this blanket approval of a laboratory

for a sister state, and I can't remember what the contaminant was off the top of my head. But there was one buried in there that seemed to fly in the face of what the agency presented at the hearing last week.

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6 Ms. Olson: You know, for the purposes 7 of this hearing, and we will make a comment in the 8 R14-8 proceeding, but if you will look at Exhibit 9 1, which was submitted at the last hearing the 10 agency suggested similar language as to what was 11 listed in the other sections you identified, which 12 would be a certified laboratory listed in Section 13 611.490.

14 Your previous questions suggest that 15 we may have different language such as a certified 16 laboratory described or in a class contained in 17 that section, that would be the agency's 18 preference at this time.

Mr. McCambridge: And to aid us in
allocating our resources, because we get busy.
How rapidly does the agency desire to see this go
out for first notice proposal?

Ms. Olson: The agency would like to see this rule done as quickly as possible for the

	Page 21
1	primary reason that we have 11 community water
2	supplies that are using a lab that does not have
3	Illinois certification. And so to square our
4	program, this proposed change is absolutely
5	necessary. For those reasons we understand that
6	the board is extremely busy, but we would greatly
7	appreciate it if the board could move to first
8	notice quickly.
9	Mr. McCambridge: Heard.
10	Does anyone in the room have anything
11	else?
12	Seeing none we adjourn the hearing.
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1	CERTIFIED SHORTHAND REPORTER'S CERTIFICATION
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3	I, GARY J. MANINFIOR, Certified Shorthand Reporter and Notary Public of the State of
4	Illinois, do hereby certify that on the 13th day of November, A.D., 2013 I did take stenographic notes of the questions propounded and answers
5	thereto, and that said notes were reduced to typewritten form under my direction and
6	supervision.
7	
8	I do further certify that the attached and foregoing is a true, correct, and complete copy of my notes and that said testimony is now
9	herewith returned.
10	
11	I do further certify that the said hearing was taken at the Illinois Pollution Control Board, 1021 North Grand Avenue East,
12	Springfield, Illinois.
13	
14	I do further certify that I am not related in any way to any of the parties involved in this action and have no interest in the outcome
15	thereof.
16	
17	Dated at Mattoon, Illinois, this 19th day of November, A.D., 2013, and given under my hand and seal.
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19	Conf. Maninfior
20	<u>Sara </u>
21	Gary J. Maninfior, Reporter
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L.A. REPORTING 312-419-9292

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