

1 BEFORE THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2

3 In Re:

4 PHILLIPS 66 CORPORATION

5 and

6 PHILLIPS 66 CARRIER, LLC

7 and

8 REVISED AIR POLLUTION CONTROL

9

10

11 CONSTRUCTION PERMIT HEARING

12 NOVEMBER 13, 2014

13 7:00 PM

14

15 DEAN STUDER, HEARING OFFICER

16 JASON SCHNEPP, PERMIT ENGINEER

17 HELD AT THE WOOD RIVER SCHOOL DISTRICT

18 501 EAST LORENA AVENUE

19 WOOD RIVER, ILLINOIS 62095

20

21 Court Reporter:

Kathleen Watson Brunsmann

22 RPR/CSR/CRR/CCR

Missouri CCR #1376

23 Illinois CSR #084-001317

Midwest Litigation Services

24 711 North Eleventh Street

St. Louis, Missouri 63101

25 (314) 644-2191

1 MR. STUDER: Good evening. My name is
2 Dean Studer, and I'm the hearing officer for the
3 Environmental Protection Agency. On behalf of
4 Director Lisa Bennett, I welcome you to tonight's
5 hearing. My purpose tonight is to ensure that this
6 proceeding runs properly, according to rules, and is
7 conducted in a fair but efficient manner.

8 Personally, I will not be responding to specific
9 technical issues relating to the permits, but will
10 defer such issues to Jason, who is sitting here on
11 my right.

12 Can everyone hear me? We're not using
13 a microphone. It's a small room and I think we can
14 get by without that. If at any time during the
15 hearing, you cannot hear, please let me know and
16 we'll speak louder in an attempt -- we just want
17 everyone here to be able to hear.

18 This is an informational hearing before
19 the Illinois EPA in the matter of revised air
20 pollution control construction permits and PSD
21 approvals for the Coker and Refinery Expansion
22 Project, otherwise referred to as CORE, C-O-R-E, at
23 the Wood River Refinery. This project involves
24 changes at the Wood River Refinery, which is now
25 owned by Phillips 66 Corporation. This project also

1 involves changes at the associated Hartford
2 Terminal, which is now owned by Phillips 66 Carrier
3 LLC. The proposed revisions to the permits for the
4 CORE project would address changes to this project
5 due to differences in the composition of heavy crude
6 oil that is available to the Wood River Refinery.

7 The changes to the CORE project are
8 subject to permitting under the state's rules for
9 Major Stationary Source Construction and
10 modification, otherwise referred to as MSSCAM, and
11 that's spelled M-S-S-C-A-M, 35 Ill. Adm. Code 203,
12 as part of a major project for emissions of volatile
13 organic matter, usually referred to as VOM, and
14 under the federal rules for Prevention of
15 Significant Deterioration (PSD) 40 CFR 52.21, and
16 that's part of a major project for emissions of
17 carbon monoxide (CO). In addition, greenhouse gas
18 emissions are now subject to regulation (for the
19 emission units added or now modified as part of
20 these permit revisions). Greenhouse gases are also
21 often referred to as GHG.

22 The Illinois EPA is holding this
23 hearing for the purpose of accepting comments from
24 the public on the proposed issuance of a permit for
25 this project prior to actually making a final

1 decision on the applications. This public hearing
2 is being held under the provisions of the Illinois
3 EPA's procedures for permit and closure plant
4 hearings, which can be found at 35 Illinois
5 Administrative Code, Part 166, Subpart A. Copies of
6 these procedures can be accessed on the website for
7 the Illinois Pollution Control Board at
8 www.ipcb.state.il.us, or if you do not have easy
9 access to the internet, copies can be obtained from
10 me on request.

11 An informational public hearing means
12 exactly that. It is an opportunity for you to
13 provide information to the Illinois EPA concerning
14 these permits. This is not a contested case
15 hearing.

16 I would like to explain how tonight's
17 hearing is going to proceed. First, I will have the
18 Illinois EPA staff member introduce himself and
19 identify his responsibilities within the agency in
20 regard to these permitting actions.

21 Then Jason Schnepf, the permit writer,
22 will make opening remarks regarding the project and
23 the draft permits. I will then give more details on
24 how comments will be taken this evening, and finally
25 Mr. Jay Churchill, manager of the Wood River

1 Refinery, will make a brief opening statement, and
2 this will be followed by comments from the public as
3 they come forward to speak as I call their name.

4 You are not required to provide
5 comments orally. Written comments are given the
6 same consideration and may be submitted to the
7 Illinois EPA at any time during the comment period,
8 which ends on December 13th, 2014. All comments
9 submitted by mail must be postmarked no later than
10 December 13th, 2014. Although we will continue to
11 accept comments through that date, tonight is the
12 only time that we will accept oral comments on these
13 permitting actions.

14 The decision date in this matter will
15 depend upon the number and nature of comments
16 received, as well as other factors.

17 Any person who wants to make an oral
18 comment may do so as long as statements are relevant
19 to the issues at hand and time allows. If you have
20 not signed a registration card at this point, please
21 see either Jillian Hawkins or Brad Frost at the
22 registration table in the lobby, and either of them
23 can provide you with a registration card. Please be
24 sure to check the appropriate box on the card if you
25 desire to make comments at this hearing. If you

1 have lengthy comments, it may be helpful to submit
2 them to me in writing before the end of the comment
3 period and I will ensure that they are included in
4 the hearing record as an exhibit.

5 Please keep your comments and questions
6 relevant to the issues at hand. If your comments
7 fall outside the scope of this hearing, I may ask
8 you to proceed to another issue.

9 Wood River Refinery is also free to
10 respond to issues if willing to do so, but I am not
11 in a position to require them to do so. Illinois
12 EPA staff will make an attempt to respond to the
13 issues raised, but I will not allow speakers to
14 argue or engage in a prolonged dialogue with our
15 panel. Responses made by Illinois EPA staff during
16 this hearing will be finalized in a formal response
17 in a written responsiveness summary.

18 For the purposes of allowing everyone
19 to have a chance to comment, I ask that everyone
20 keep their comments and questions relevant to the
21 issues involved with this permit.

22 In addition, I'd like to stress that we
23 want to avoid any unnecessary repetition. If anyone
24 before you has already presented testimony or made
25 comments that is contained in your written or oral

1 comments, please skip over those issues when you
2 spoke speak. Once a point is made, it makes no
3 difference if that point is made once or whether it
4 is made 99 times, it will be considered on its merit
5 and will be reflected only once in the
6 responsiveness summary. The final decision of the
7 Illinois EPA will not be based on how many people
8 support or oppose the issuance of these permits, but
9 rather upon the record and whether the facility will
10 comply with applicable laws, regulations, and
11 requirements for permit issuance. If someone
12 speaking before you has already said what you desire
13 to say, you may pass when I call your name to come
14 forward.

15 All who complete a registration card or
16 submit written comments in this matter will be
17 notified of the final decision in this matter and of
18 the availability of the responsiveness summary. In
19 the responsiveness summary, the Illinois EPA will
20 respond to all significant issues that were raised
21 at this hearing or submitted to me in writing prior
22 to the close of the comment period.

23 Again, the written record in this
24 matter will close on December 13th, 2014. I will
25 accept written comments as long as they are

1 postmarked by that date.

2 While the record is open, all relevant
3 comments and documents and data will be placed into
4 the hearing record as exhibits. Please send all
5 written documents to my attention. You can send
6 them to Dean Studer, Hearing Officer, Office of
7 Community Relations regarding Phillips 66, Illinois
8 EPA, 1021 North Grand Avenue East, P.O. Box 19276,
9 Springfield, Illinois, 62794-9276, and this address
10 is also given on the public notice for this hearing
11 tonight.

12 I remind everyone that we have a court
13 reporter here who is taking a record of these
14 proceedings for the purposes of our administrative
15 record. Once I receive the transcript back from the
16 court reporter, I will have it posted on the
17 agency's web page in the same place where the
18 hearing notice and other documents in this
19 proceeding have been posted.

20 For the benefit of the court reporter,
21 please keep the general background noise in the room
22 to a minimum so that she can hear everything that is
23 said. Also, please silence all cell phones and
24 pagers at this time, if you have not already done
25 so.

1 I'd now ask that Jason introduce
2 himself and give his brief opening statement, if he
3 would.

4 MR. SCHNEPP: Thank you.

5 Good evening. My name is Jason Schnepf
6 and I'm a permit engineer at the Illinois EPA Bureau
7 of Air. I'll be giving you a brief description of
8 the project.

9 Phillips has requested a revision of
10 their Coker and Refinery Expansion Project permit,
11 or CORE Project permit at its Wood River Refinery.
12 They have also requested a revision of their
13 terminal expansion project at its Hartford Terminal.
14 These permits were originally issued in 2007 as a
15 single project for purposes of New Source Review
16 regulations. That project involved various changes
17 to the refinery and terminal to increase both the
18 total crude processing capacity and the percentage
19 of heavier crude oil being processed.

20 Since the permits were issued, changes
21 have occurred in the composition of the heavy crude
22 oil that is available to the refinery. To process
23 the crude oil that is now available, Phillips is
24 proposing to construct two new fractionation columns
25 rather than restarting an existing Fluidized

1 Catalytic Cracking Unit, as was originally planned.
2 Because the new columns require steam, a new boiler
3 is also planned. Other ancillary equipment would
4 include a new cooling tower and two product storage
5 tanks.

6 The changes to these permits are
7 subject to permitting under the state rules for
8 Major Stationary Sources Construction and
9 Modification, 35 IAC Part 203, as part of a major
10 project for emissions of volatile organic material,
11 or VOM, and under the federal rules for Prevention
12 of Significant Deterioration, or PSD, 40 CFR 52.21,
13 as part of a major project of emissions for carbon
14 monoxide, or CO.

15 In addition, greenhouse gas emissions
16 are now subject to regulation for the emission units
17 added or now modified as part of these revisions
18 because significant increases in greenhouse gas
19 emissions must be addressed as part of PSD
20 permitting if PSD permitting is required for other
21 pollutants. New and physically modified units
22 associated with this revision are subject to Lowest
23 Achievable Emission Rate, or LAER, for emissions of
24 VOM and Best Available Control Technology, or BACT,
25 for emissions of CO and greenhouse gases. The

1 Illinois EPA's initial review concludes that the
2 control measures proposed by Phillips will require
3 LAER and BACT for this project.

4 As with the original permits for this
5 project, for emissions of nitrogen oxides, sulphur
6 dioxide and particulates, Phillips would rely on
7 contemporaneous emission changes at the facility to
8 demonstrate that a significant increase in emissions
9 would not occur. This demonstration has been
10 updated to reflect newer projects that occurred
11 after the original permits were issued.

12 The principle new emission unit is a
13 boiler that would supply steam for various process
14 units at the refinery, including the new
15 fractionation columns. The boiler would be fired
16 with refinery fuel gas and natural gas. Nitrogen
17 oxide emissions would be controlled by selective
18 catalytic reduction. Phillips has proposed good
19 combustion practices as LAER for emissions of VOM
20 and BACT for emissions of CO. Boiler design and
21 proper operation for energy efficiency would be BACT
22 for greenhouse gases.

23 As a major project, emission offsets
24 are required. VOM offset credits were initially
25 acquired for the VOM emission increases for the

1 project. Given the aggregate VOM emissions from the
2 revised project are less than the VOM emissions
3 addressed by the original permits, no additional
4 emission offsets are required.

5 In addition, as required by the PSD
6 rules, Phillips has submitted an air quality
7 analysis to the Illinois EPA demonstrating that the
8 potential impact of this project's emissions will
9 not have significant impacts on air quality for CO.

10 The draft revised permits also
11 addressed several other changes to the original
12 permits, including updates to emissions standards by
13 the United States EPA and various other
14 clarifications and technical corrections.

15 In closing, the Illinois EPA is
16 proposing to issue Air Pollution Control
17 Construction Permits to Phillips for its proposed
18 revisions to the CORE Project permit. We welcome
19 your comments on our proposed action.

20 Thank you.

21 MR. STUDER: Thank you, Jason.

22 While issues raised tonight may indeed
23 be heartfelt concerns to many of us here in
24 attendance, applause and other reactionary noises
25 are not appropriate during this hearing and will not

1 be tolerated.

2 Second, I ask that all statements be --
3 that are made be relevant to the permit revisions.
4 As hearing officer, I intend to treat everyone here
5 tonight in a respectful and professional manner, and
6 I ask that members of the panel and the public do
7 the same.

8 If the conduct of persons attending
9 this hearing should become -- excuse me -- should
10 become unruly I am authorized to adjourn this
11 hearing should the actions warrant. In such a case,
12 Illinois EPA would still accept written comments
13 through the close of the comment period.

14 We do have a limited time in which to
15 conduct this hearing tonight and to listen to the
16 environmental issues associated with these revised
17 air permits. You may disagree with or object to
18 some of the statements and comments made tonight,
19 but this is a public hearing and everyone has a
20 right to express their comments this matter.

21 Again, written comments are given the
22 same consideration as oral comments that are made
23 during this hearing, and maybe submitted to Illinois
24 EPA at any time within the public comment period,
25 which ends, again that is on December 13th, 2014.

1 Although we will continue to accept comments through
2 that date, tonight is the only time that we will
3 accept oral comments.

4 When it is your turn to speak, I will
5 call your name. Please come forward and if you
6 would have a seat at the table here on my left, and
7 then if you would state your name and if applicable
8 any governmental body, organization or association
9 that you represent. If you are not representing a
10 governmental body, an organization or an
11 association, you may simply indicate that you are a
12 concerned citizen or a member of the public.

13 For the benefit of the court reporter,
14 I ask that you spell your last name. If there are
15 alternate spellings of your first name, you may also
16 spell your first name.

17 I ask that while you are speaking, that
18 you direct your attention to the hearing panel up
19 front and to the court reporter to ensure that an
20 accurate transcription of your comments is made for
21 our record. Prolonged dialogue with members of the
22 hearing panel or with others here in attendance will
23 not be permitted. Comments directed to people other
24 than the hearing panel and the court reporter are
25 also not appropriate.

1 Again, I remind everyone that the focus
2 of this hearing is the environmental issues
3 associated with the Revised Air Pollution Control
4 Construction Permits.

5 Are there any questions how the hearing
6 will be conducted this evening?

7 (No response.)

8 MR. STUDER: Okay. The first person
9 that has asked to speak is Jay Churchill.

10 Jay, if you would come forward and have
11 a seat, and it looks like you may be the only person
12 that's registered to speak.

13 MR. JAY CHURCHILL: I'm Jay Churchill,
14 C-H-U-R-C-H-H-I-L-L, Refinery Manager of the Wood
15 River Refinery.

16 And I want to begin by thanking the
17 various company representatives here from Phillips
18 66 who represent the project team, including Tim
19 Peterson, our Health Safety and Environmental Team,
20 including Ken Kerntky, Community Relations Director,
21 Melissa Erker. Also, I'd like to thank our Cenovus
22 partner, Ann Learner, for being here this evening.
23 We are a joint venture, 50 percent owned by Cenovus,
24 which is a Canadian company, and Phillips 66
25 operated by Phillips 66.

1 I also want to thank the Illinois EPA
2 for hosting this public hearing and specifically --
3 and specifically the permitting staff for their
4 efforts on the development of this permit revision,
5 and also the public for their attendance and
6 interest in this project.

7 The Coker and Refinery Expansion
8 Project as originally permitted was a very valuable
9 project to this area. It represented what I would
10 call a very good sustainable project for the region.

11 By sustainable, I mean something that
12 creates job and economic development for the area,
13 something that meets the environmental requirements
14 of the project and the permitting, and in this case,
15 this project actually reduced emissions from the
16 refinery while creating jobs and economic prosperity
17 in the area, and we're very proud of that.

18 This permit revision comes about as a
19 result of a change to the composition of the crude
20 that we had intended to run with the original CORE
21 Permit. And as you noted, this -- this revised
22 permit actually results in reduced emissions from
23 the original CORE Permit that was approved for the
24 project.

25 We continue to construct and build our

1 ultra low sulphur diesel unit that was part of the
2 original CORE Permit, and with this permit, we will
3 build additional fractionation facilities along with
4 a new boiler and appropriate tankage.

5 And what's unique about this project is
6 during the period of time this project created
7 somewhere around 2500 construction jobs over a
8 period of roughly three years, while we reduced
9 emissions from the plant. Over the last ten years,
10 the refinery has decreased air emissions by 2000
11 tons per year of nitrous oxides and 11,000 tons per
12 year of sulphur dioxide.

13 We've also reduced our flaring
14 emissions substantially by the addition of new flare
15 gas recovery compressors, and we've also improved
16 the NOx, as I've stated, through the modifications
17 of heaters and selective catalytic production units,
18 like the one we proposed for the new boiler.

19 So we've been proactive in our
20 environmental to benefit the environment while
21 creating jobs in the community.

22 Finally, what I'd like to say is that
23 as Phillips 66 operator and refinery, we're very
24 interested in community feedback, and we value our
25 relationship with the community. We have an active

1 community advisory panel where we meet monthly, so
2 that we hear any concerns about our operation and we
3 always work to address those concerns. And we have
4 open channels of communication where people can call
5 up any time they want if they need an answer or have
6 any questions about the refinery.

7 And that concludes my remarks for this
8 evening.

9 MR. STUDER: Thank you, Mr. Churchill.

10 Is there anyone here that has any
11 comments on the permits that they would like to make
12 on the record while the record is open?

13 (No response.)

14 MR STUDER: This may go down as one of
15 the shortest hearings. Okay. Let the record
16 indicate that no one raised their hand. I thank
17 everyone for their attendance this evening. If no
18 one has any comments, I'm going to go ahead and
19 adjourn this hearing, and I remind everyone that the
20 comment period is open for 30 days, which would be
21 on December 13th, 2014, for written comments.

22 Thank you for your attendance. This
23 hearing is adjourned.

24 (WHEREIN, the hearing was concluded at
25 7:35 PM.)

1 CERTIFICATE OF REPORTER

2

3 I, Kathleen Watson Brunsmann, a
4 Certified Court Reporter (MO), Certified Shorthand
5 Reporter (IL), Registered Professional Reporter, and
6 a Certified Realtime Reporter, do hereby certify
7 that the witness whose testimony appears in the
8 foregoing deposition was duly sworn by me pursuant
9 to 5 ILCS 255/2 (from Ch. 101, par.2); that the
10 testimony of said witness was taken by me to the
11 best of my ability and thereafter reduced to
12 typewriting under my direction; that I am neither
13 counsel for, related to, nor employed by any of the
14 parties to the action in which this deposition was
15 taken, and further that I am not a relative or
16 employee of any attorney or counsel employed by the
17 parties thereto, nor financially or otherwise
18 interested in the outcome of the action.

19

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21

22

Certified Shorthand Reporter

23

within and for the State of Illinois

24

25

CONSTRUCTION PERMIT HEARING 11/13/2014

A	ancillary 10:3 Ann 15:22 answer 18:5 appears 19:7 applause 12:24 applicable 7:10 14:7 applications 4:1 appropriate 5:24 12:25 14:25 17:4 approvals 2:21 approved 16:23 area 16:9,12,17 argue 6:14 asked 15:9 associated 3:1 10:22 13:16 15:3 association 14:8 14:11 attempt 2:16 6:12 attendance 12:24 14:22 16:5 18:17,22 attending 13:8 attention 8:5 14:18 attorney 19:16 authorized 13:10 availability 7:18 available 3:6 9:22,23 10:24 Avenue 1:18 8:8 avoid 6:23	best 10:24 19:11 Board 4:7 body 14:8,10 boiler 10:2 11:13 11:15,20 17:4 17:18 box 5:24 8:8 Brad 5:21 brief 5:1 9:2,7 Brunsmann 1:21 19:3 build 16:25 17:3 Bureau 9:6	15:9,13,13 18:9 citizen 14:12 clarifications 12:14 close 7:22,24 13:13 closing 12:15 closure 4:3 Code 3:11 4:5 Coker 2:21 9:10 16:7 columns 9:24 10:2 11:15 combustion 11:19 come 5:3 7:13 14:5 15:10 comes 16:18 comment 5:7,18 6:2,19 7:22 13:13,24 18:20 comments 3:23 4:24 5:2,5,5,8 5:11,12,15,25 6:1,5,6,20,25 7:1,16,25 8:3 12:19 13:12,18 13:20,21,22 14:1,3,20,23 18:11,18,21 communication 18:4 community 8:7 15:20 17:21,24 17:25 18:1 company 15:17 15:24 complete 7:15 comply 7:10 composition 3:5 9:21 16:19 compressors 17:15 concerned 14:12 concerning 4:13 concerns 12:23 18:2,3	concluded 18:24 concludes 11:1 18:7 conduct 13:8,15 conducted 2:7 15:6 consideration 5:6 13:22 considered 7:4 construct 9:24 16:25 construction 1:11 2:20 3:9 10:8 12:17 15:4 17:7 contained 6:25 contemporane... 11:7 contested 4:14 continue 5:10 14:1 16:25 control 1:8 2:20 4:7 10:24 11:2 12:16 15:3 controlled 11:17 cooling 10:4 copies 4:5,9 CORE 2:22 3:4,7 9:11 12:18 16:20,23 17:2 Corporation 1:4 2:25 corrections 12:14 counsel 19:13,16 court 1:21 8:12 8:16,20 14:13 14:19,24 19:4 Cracking 10:1 created 17:6 creates 16:12 creating 16:16 17:21 credits 11:24 crude 3:5 9:18,19 9:21,23 16:19 CSR 1:23
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ability 19:11 able 2:17 accept 5:11,12 7:25 13:12 14:1 14:3 accepting 3:23 access 4:9 accessed 4:6 accurate 14:20 Achievable 10:23 acquired 11:25 action 12:19 19:14,18 actions 4:20 5:13 13:11 active 17:25 added 3:19 10:17 addition 3:17 6:22 10:15 12:5 17:14 additional 12:3 17:3 address 3:4 8:9 18:3 addressed 10:19 12:3,11 adjourn 13:10 18:19 adjourned 18:23 Adm 3:11 administrative 4:5 8:14 advisory 18:1 agency 1:1 2:3 4:19 agency's 8:17 aggregate 12:1 ahead 18:18 air 1:8 2:19 9:7 12:6,9,16 13:17 15:3 17:10 allow 6:13 allowing 6:18 allows 5:19 alternate 14:15 analysis 12:7	back 8:15 background 8:21 BACT 10:24 11:3,20,21 based 7:7 behalf 2:3 benefit 8:20 14:13 17:20 Bennett 2:4	call 5:3 7:13 14:5 16:10 18:4 Canadian 15:24 capacity 9:18 carbon 3:17 10:13 card 5:20,23,24 7:15 Carrier 1:6 3:2 case 4:14 13:11 16:14 catalytic 10:1 11:18 17:17 CCR 1:22 cell 8:23 Cenovus 15:21 15:23 CERTIFICATE 19:1 Certified 19:4,4 19:6,22 certify 19:6 CFR 3:15 10:12 Ch 19:9 chance 6:19 change 16:19 changes 2:24 3:1 3:4,7 9:16,20 10:6 11:7 12:11 channels 18:4 check 5:24 Churchill 4:25		

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