

**Electronic Filing - Received, Clerk's Office, August 27, 2008**

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

IN THE MATTER OF: )  
)  
PROPOSED ADJUSTED STANDARD FROM ) AS 2008-008  
AMMONIA NITROGEN DISCHARGE LEVELS AT ) (Adjusted Standard)  
35 Ill. Adm. Code 304.122 FOR CITGO PETROLEUM )  
AND PDV MIDWEST REFINING, L.L.C. )

**NOTICE OF FILING**

TO: John T. Therriault, Assistant Clerk  
Illinois Pollution Control Board  
James R. Thompson Center  
100 W. Randolph, Suite 11-500  
Chicago, Illinois 60601-3218

Jeffery C. Fort  
Ariel J. Teshler  
Sonnenschein Nath & Rosenthal LLP  
233 S. Wacker Drive  
Chicago, IL 60606-6404

Bradley P. Halloran, Hearing Officer  
Illinois Pollution Control Board  
James R. Thompson Center  
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Chicago, Illinois 60601-3218

Bill Richardson, General Counsel  
Department of Natural Resources  
One Natural Resources Way  
Springfield, Illinois 62702-1271

Office of the Illinois Attorney General  
Environmental Bureau  
69 W. Washington, 18<sup>th</sup> Floor  
Chicago, Illinois 60602

PLEASE TAKE NOTICE that I have today filed with the Office of the Clerk of the Pollution Control Board the attached **SUPPLEMENTAL DOCUMENTS** of the Illinois Environmental Protection Agency, a copy of which is herewith served upon you.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

BY: \_\_\_\_\_  
Jason R. Boltz, Assistant Counsel

Dated: August 27, 2008  
1021 N. Grand Ave. East  
P.O. Box 19276  
Springfield, Illinois 62794-9276  
(217) 782-5544

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

IN THE MATTER OF: )  
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PROPOSED ADJUSTED STANDARD FROM ) AS 2008-008  
AMMONIA NITROGEN DISCHARGE LEVELS AT ) (Adjusted Standard)  
35 Ill. Adm. Code 304.122 FOR CITGO PETROLEUM )  
AND PDV MIDWEST REFINING, L.L.C. )

**SUPPLEMENTAL DOCUMENTS**

Pursuant to the August 20, 2008 Order of Hearing Officer Halloran, I am submitting herewith on behalf of the of the Illinois Environmental Protection Agency(“Agency”), **Exhibits 4, 5, and 6** to further supplement the previously submitted document exhibits that were provided to the Board at the evidentiary hearing of August 20, 2008.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: \_\_\_\_\_  
Jason R. Boltz, Assistant Counsel  
Division of Legal Counsel

DATED: July 16, 2008

Illinois Environmental Protection Agency  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
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STATE OF ILLINOIS                    )  
  )  
COUNTY OF SANGAMON            )                    SS

**PROOF OF SERVICE**

I, the undersigned, on oath state that I have served the attached **Supplementary Documents** upon the persons to whom it is directed, electronically filing and by placing a copy in an envelope addressed to:

John T. Therriault, Assistant Clerk  
Illinois Pollution Control Board  
James R. Thompson Center  
Suite 11-500  
100 West Randolph Street  
Chicago, IL 60601

Jeffery C. Fort  
Ariel J. Teshler  
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Environmental Bureau  
69 W. Washington, 18<sup>th</sup> Floor  
Chicago, Illinois 60602

and sending it from Springfield, Illinois on August 27, 2008, with any necessary postage affixed as indicated above.

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**SUBSCRIBED AND SWORN TO BEFORE ME**

this day of August 27, 2008.

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Notary Public

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Table 1: Monthly average and daily maximum ammonia concentrations sampled from Outfall 001 at Citgo Petroleum Company.

Date	Ammonia N Monthly Avg (mg/l)	Ammonia N Daily Max (mg/l)	Date	Ammonia N Monthly Avg (mg/l)	Ammonia N Daily Max (mg/l)
01/2004	5.72	15	04/2006	7.07	17
02/2004	0.45	0.6	05/2006	6.99	16.4
03/2004	0.6	0.87	06/2006	0.71	2.29
04/2004	0.35	0.58	07/2006	2.44	8.68
05/2004	0.49	0.86	08/2006	0.4	1.21
06/2004	0.29	0.51	09/2006	0.6	1.4
07/2004	0.42	0.56	10/2006	0.44	1.06
08/2004	0.51	1.28	11/2006	0.58	1.02
09/2004	0.41	0.79	12/2006	0.42	1.49
10/2004	3.14	7.26	01/2007	1.39	6.26
11/2004	12.1	17.7	02/2007	1.75	7.86
12/2004	4.72	13	03/2007	1.47	3.71
01/2005	2.29	8.34	04/2007	3.02	11.8
02/2005	0.63	1	05/2007	2.57	4.72
03/2005	0.57	1.44	06/2007	4.21	6.7
04/2005	0.54	0.75	07/2007	3.67	7.16
05/2005	0.57	0.9	08/2007	4.44	10.8
06/2005	0.65	1.04	09/2007	1.8	4.76
07/2005	8.79	14	10/2007	1.38	2.83
08/2005	5.28	7.34	11/2007	2.65	3.68
09/2005	6.62	13.2	12/2007	0.94	2.02
10/2005	9.19	13.2	01/2008	0.73	1.8

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5			8		
11/200	5.23	15.4	02/200	0.18	0.28
5			8		
12/200	3.19	8.38	03/200	0.21	0.54
5			8		
01/200	5.56	15.1	04/200	0.6	1.72
6			8		
02/200	9.31	16	05/200	0.21	0.49
6			8		
03/200	7.49	15.3	06/200	0.27	0.7
6			8		

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Table 1: Monthly average and daily maximum ammonia concentrations sampled from Outfall 001 at ExxonMobil Oil Corporation, Joliet.

Date	Ammonia N Monthly Avg (mg/l)	Ammonia N Daily Max (mg/l)	Date	Ammonia N Monthly Avg (mg/l)	Ammonia N Daily Max (mg/l)
04/2003	1.1	2	11/2005	0.1	0.1
05/2003	0.5	1.2	12/2005	0.1	0.1
06/2003	1.5	5	01/2006	0.2	1
07/2003	1.1	1.7	02/2006	0.7	2.7
08/2003	0.9	2.2	03/2006	0.4	3
09/2003	1.1	2.8	04/2006	0.1	0.1
10/2003	0.5	1.8	05/2006	0.2	0.7
11/2003	1.3	3	06/2006	0.1	0.1
12/2003	0.4	1.2	07/2006	0.1	0.1
01/2004	0.8	1.2	08/2006	0.1	0.1
02/2004	1.6	2.9	09/2006	0.1	0.1
03/2004	5.7	16.1	10/2006	0.2	0.5
04/2004	10.7	16.6	11/2006	0.1	0.1
05/2004	12.1	35.1	12/2006	0.1	0.1
06/2004	3.6	8.9	01/2007	0.1	0.1
07/2004	6.5	12.8	02/2007	0.1	0.1
08/2004	1.5	10.4	03/2007	0.1	0.1
09/2004	0.2	0.3	04/2007	0.1	0.1
10/2004	0.2	0.2	05/2007	0.2	0.4
11/2004	3	25.1	06/2007	0.2	0.2
12/2004	3.9	29.7	07/2007	0.2	0.2
01/2005	0.7	1.2	08/2007	0.2	0.2
02/2005	2.7	5.6	09/2007	0.2	0.2
03/2005	0.4	0.5	10/2007	0.2	0.2
04/2005	0.6	1.9	11/2007	0.2	0.2
05/2005	0.4	0.7	12/2007	0.3	1
06/2005	0.8	1.9	01/2008	0.2	0.2
07/2005	0.3	0.6	02/2008	0.2	0.2
08/2005	0.2	0.3	03/2008	0.2	0.2
09/2005	0.5	1.7	05/2008	0.2	0.2
10/2005	0.5	3.1	06/2008	0.2	0.2

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Table 1: Monthly maximum ammonia concentrations sampled from Outfall 001 at Marathon Petroleum Company.

Date	Ammonia N Max (mg/l)	Date	Ammonia N Max (mg/l)
04/2004	0.15	06/2006	0.07
05/2004	0.02	07/2006	0.07
06/2004	0.19	08/2006	0.34
07/2004	0.42	09/2006	0.2
08/2004	0.76	10/2006	0.11
09/2004	1.4	11/2006	0.08
10/2004	0.04	12/2006	0.07
11/2004	0.07	01/2007	0.07
12/2004	0.09	02/2007	0.07
01/2005	0.07	03/2007	0.07
02/2005	0.05	04/2007	0.11
03/2005	0.05	05/2007	0.07
04/2005	0.07	06/2007	0.52
05/2005	0.07	07/2007	0.11
06/2005	0.52	08/2007	0.09
07/2005	0.07	09/2007	0.49
08/2005	0.35	10/2007	0.75
09/2005	0.07	11/2007	0.09
10/2005	0.07	12/2007	0.07
11/2005	0.07	01/2008	0.07
12/2005	0.58	02/2008	0.07
01/2006	0.07	03/2008	2.68
02/2006	0.07	04/2008	0.19
03/2006	0.07	05/2008	0.14
04/2006	0.07	06/2008	0.07
05/2006	0.19	07/2008	0.07