Dekalb Co.

TOWN OF CORUNNA

P.O. Box 62
Corunna, IN 46730

cc: Pam Grams
Cyndi Galvan
David Lawrence

Certified Mail No. _____
Return Receipt Requested

March 27, 2007

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-42
Compliance Evaluation Section
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

IDEM
OFFICE OF
WATER QUALITY
2007 APR -9 A 8: 31

Re: Corunna NPDES Permit No. IN0047473
Final Report – Ammonia –Nitrogen Compliance

This correspondence is provided pursuant to the referenced NPDES Permit and in particular to Part I, Section E, pages 10 and 11 of 28. Specifically, this correspondence constitutes the Town of Corunna's Final Report concerning the requirements for ammonia-nitrogen compliance.

In a September 2004 correspondence, Corunna requested 12 months of data collection once the sewers were free flowing. IDEM concurred in that request and requested an interim report and another progress report by December 1, 2006 before the final report was provided by April 1, 2007. Accordingly, this document and the attachments constitute the final report. There are six (6) attachments.

- Attachment #1 – Summary of Data Collected - April 2004 through January 2007
- Attachment #2 – Data for NPDES Permit Compliance
- Attachment #3 – Graph of Ammonia-Nitrogen Data vs. Winter Daily Maximum Limit
- Attachment #4 - Graph of Ammonia-Nitrogen Data vs. Winter Monthly Average Limit
- Attachment #5 - Graph of Ammonia-Nitrogen Data vs. Summer Daily Maximum Limit
- Attachment #6 - Graph of Ammonia-Nitrogen Data vs. Summer Monthly Average Limit

In summary, the data indicates that the wastewater treatment system is meeting the daily maximum and monthly average effluent limits for ammonia-nitrogen. The data supports the prior observation that additional construction will <u>not</u> be necessary. As noted in the previous report, the January 2005 data points were prior to the influent pump station being in service and before the influent sewers were free flowing.

We appreciate your continue cooperation and request that you let us know if additional information is needed.

Sincerely,

Phil Arnett

Phil Arnett, President
Corunna Town Council

Copy: Members, Corunna Town Council
Cassandra Lynch, Corunna Clerk Treasurer
J. Daniel Brinkerhoff, Corunna Town Attorney
Paul Warfield, Wastewater Operator
Bruno Pigott, OWQ Asst. Commissioner
Jerry Dittmer, Permit Section Chief
David Wagner, Millennium Environmental

Corunna Wastewater
NPDES Permit No. IN0047473

NPDES Permit Effluent Limit Compliance
Final Report on Ammonia-nitrogen
March 27, 2007

OBSERVATIONS

1. ***The data collected through January 2007 indicates that effluent limits for ammonia-nitrogen (summer and winter - daily maximum and monthly average) are being met.***

2. ***It is noted that the winter limit compliance data for January 2005 was prior to the influent pump station being placed into service and when the sewers were not free flowing.***

3. ***The winter compliance data since the influent pump station was placed into service (and the sewers became free flowing) indicates that the winter daily maximum effluent limit and the monthly average effluent limit for ammonia-nitrogen are being met.***

4. ***Data (Report Only) for E. coli indicates a geometric mean of 18.74 cfu for all data collected.***

ATTACHMENT #1

Corunna Wastewater
Data Summary
(NPDES Permit No. IN0047473)

Date / Year	Inf. Q (MGD)	Inf. pH (SUs)	Inf. CBOD (mg/L)	Inf. TSS (mg/L)	Inf. NH_3-N (mg/L)	Eff. Q (MGD)	Eff. pH (SUs)	Eff. CBOD (mg/L)	Eff. TSS (mg/L)	Eff. NH_3-N (mg/L)	E. coli (#/100 mL)	Upstream Discharge Q (MGD)	Dilution Ratio
4/22/2004						0.029						1.49	0.020
4/23/2004						0.025						0.32	0.080
4/24/2005						0.02						0.32	0.062
4/25/2005						0.01						0.32	0.031
4/26/2005						0.01						0.32	0.031
4/27/2005						0.01						0.32	0.031
4/28/2005						0.01	9.38	2.3	0.5	0.01		0.32	0.031
6/15/2004						0.25						5.18	0.048
6/16/2004						0.22						2.26	0.097
6/17/2004						0.08						0.842	0.095
6/18/2004						0.07						0.842	0.083
6/19/2004						0.03						0.324	0.092
6/20/2004						0.03						0.324	0.092
6/21/2004						0.03	9.18	2	2	0.02		0.324	0.092
8/19/2004						0.04						0.842	0.050
8/20/2004						0.13						1.49	0.090
8/21/2004						0.13						2.26	0.060
8/22/2004						0.13						1.49	0.090
8/23/2004						0.07						0.842	0.080
8/24/2004						0.03						0.324	0.090
8/25/2004						0.03	8.14	4	6	0.12		0.324	0.090
10/13/2004		7.11	155	63	44								
11/5/2004		7.83	179	30	24.9	0.01							
11/18/2004						0.07							
11/19/2004						0.07						0.842	0.083
11/20/2004						0.07						0.842	0.083
11/21/2004						0.01						0.324	0.030
11/22/2004						0.01						0.324	0.030
11/23/2004						0.01						0.324	0.030
11/24/2004						0.01	8.06	6	2	0.01		0.324	0.030

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Date / Year	Inf. Q (MGD)	Inf. pH (SUs)	Inf. CBOD (mg/L)	Inf. TSS (mg/L)	Inf. NH_3-N (mg/L)	Eff. Q (MGD)	Eff. pH (SUs)	Eff. CBOD (mg/L)	Eff. TSS (mg/L)	Eff. NH_3-N (mg/L)	E. coli (#/100 mL)	Upstream Discharge Q (MGD)	Dilution Ratio
12/2/2004						0.03						0.324	0.090
12/3/2004		7.53	66	20	24.8	0.03						0.324	0.090
12/4/2004						0.03						0.324	0.090
12/5/2004						0.03						0.324	0.090
12/6/2004						0.03						0.324	0.090
12/7/2004						0.08						0.842	0.100
12/8/2004						0.08	7.99	3	3	0.05		0.842	0.100
1/4/2005						0.232						6.48	0.040
1/5/2005		8.75	136	25	57	0.232						5.64	0.040
1/6/2005						0.144						2.27	0.060
1/7/2005						0.144						1.49	0.090
1/8/2005						0.053						0.842	0.060
1/9/2005						0.032						0.324	0.100
1/10/2005						0.032	7.8	6	4	4.23		0.324	0.100
1/11/2005						0.078						0.842	0.090
1/12/2005						0.294						6.48	0.050
1/13/2005						0.232						6.48	0.040
1/14/2005						0.232						6.48	0.040
1/15/2005						0.144						1.49	0.090
1/16/2005						0.078						0.842	0.090
1/17/2005						0.032	8.01	4	2	4.61		0.324	0.100
2/9/2005		7.59	81	15	22.4								
3/23/2005		7.86	106	32	50.8								
4/1/2005	0.011	7.85	331	131	53.2						1		
4/2/2005						0.032						0.324	0.098
4/3/2005						0.032						0.324	0.098
4/4/2005						0.032						0.324	0.098
4/5/2005						0.032						0.324	0.098
4/6/2005						0.032						0.324	0.098
4/7/2005						0.032						0.324	0.098
4/8/2005						0.032	7.63	2	2	0.24		0.324	0.098

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Date / Year	Inf. Q (MGD)	Inf. pH (SUs)	Inf. CBOD (mg/L)	Inf. TSS (mg/L)	Inf. NH_3-N (mg/L)	Eff. Q (MGD)	Eff. pH (SUs)	Eff. CBOD (mg/L)	Eff. TSS (mg/L)	Eff. NH_3-N (mg/L)	E. coli (#/100 mL)	Upstream Discharge Q (MGD)	Dilution Ratio
4/12/2005	0.011	8.61	110	94	94.5	0.032					4	0.324	0.098
4/13/2005						0.032						0.324	0.098
4/14/2005						0.032						0.324	0.098
4/15/2005						0.032						0.324	0.098
4/16/2005						0.032						0.324	0.098
4/17/2005						0.014						0.324	0.043
4/18/2005						0.014	7.88	2	2	0.19		0.324	0.043
4/21/2005	0.011	8.18	241	50	55.2	0.03					3	0.324	0.090
4/22/2005						0.03						0.842	0.035
4/23/2005						0.03						0.842	0.035
4/24/2005						0.03						0.842	0.035
4/25/2005						0.03						0.324	0.090
4/26/2005						0.01						0.324	0.030
4/27/2005						0.01	7.81	2	0.05	0.17		0.842	0.012
5/13/2005		7.4	201	104	49.9								
5/14/2005						0.07					29	0.842	0.080
5/15/2005						0.03						0.324	0.092
5/16/2005						0.03						0.324	0.092
5/17/2005						0.03						0.324	0.092
5/18/2005						0.03						0.324	0.092
5/19/2005						0.03						0.324	0.092
5/20/2005						0.08	7.75	6	7	0.71	59	0.842	0.100
6/7/2005		7.86	147	159	230	0.03						0.324	0.092
6/8/2005						0.03						0.324	0.092
6/9/2005						0.03						0.324	0.092
6/10/2005						0.03						0.324	0.092
6/11/2005						0.03						0.324	0.092
6/12/2005						0.03						0.324	0.092
6/13/2005						0.08	7.77	5	6	0.39	350	0.842	0.100
6/14/2005						0.01					43	0.324	0.030
6/15/2005						0.01						0.324	0.030
6/16/2005						0.01						0.324	0.030

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Date / Year	Inf. Q (MGD)	Inf. pH (SUs)	Inf. CBOD (mg/L)	Inf. TSS (mg/L)	Inf. NH_3-N (mg/L)	Eff. Q (MGD)	Eff. pH (SUs)	Eff. CBOD (mg/L)	Eff. TSS (mg/L)	Eff. NH_3-N (mg/L)	E. coli (#/100 mL)	Upstream Discharge Q (MGD)	Dilution Ratio
6/17/2005						0.01						0.324	0.030
6/18/2005						0.01						0.324	0.030
6/19/2005						0.01						0.324	0.030
6/20/2005						0.01	7.93	5	6	0.55		0.324	0.030
9/9/2005		7.29	185	59	82.5								
10/6/2005		7.56	197	77	110								
10/21/2005		7.75	128	20	75.1	0.02	7.51	2	1	1.39	5	0.324	0.062
10/22/2005						0.03						0.324	0.092
10/23/2005						0.03						0.324	0.092
10/24/2005						0.03						0.324	0.092
10/25/2005						0.021						0.324	0.064
10/26/2005						0.019						0.324	0.058
10/27/2005						0.017	7.74	4	1	1.58	3	0.324	0.054
11/6/2005		7.44	331	45	24.9								
12/5/2005	0.011	7.72	270	132	56.1								
1/17/2006	0.011	7.17	361	525	20.8								
3/8/2006		6.52	233	120									
3/10/2006						0.053	8.16	5	5	0.51	94	0.842	0.063
3/16/2006		7.01	194	57.2	22.1	0.078	8.17	3	3	0.19	47	0.842	0.09
3/23/2006		6.94	464	111	30.9	0.014	8.36	2	2	0.26	21	0.324	0.04
4/4/2006	0.017	7.93	520	165	80.5	0.015	8.03	3	3	1.03	1	0.157	0.095
4/10/2006	0.015	7.5	350	94.8	46	0.007	8.33	3	3	0.3	1	0.076	0.092
4/17/2006	0.015	7.3	162	194	11.3	0.006	7.82	3	3	0.45	4	0.082	0.073
4/24/2006	0.008	8.04	205	204	49.4	0.004	7.77	8	8	0.98	9	0.044	0.09
5/1/2006	0.02	7.71	110	88.8	19.7	0.004	8.2	2	2	1.13	27	0.106	0.04
5/8/2006	0.013	7.75	190	105	52.5	0.005	8.32	2	2	0.61	75	0.054	0.1
5/15/2006	0.028	7.26	71	62.4	17.8	0.054	8.27	3	3	0.26	78	1.097	0.05
5/22/2006	0.015	7.79	66	44	20.1	0.008	8.66	2	2	0.17	3	0.085	0.094
5/30/2006	0.006	7.61	97	48.4	31.1	0.007	8.75	3	3	0.3	16	0.073	0.096
6/6/2006	0.007	7.55	45	37.6	25.5	0.007	8.95	2	2	0.25	23	0.079	0.088
6/12/2006	0.009	7.49	92	28.1	17.8	0.009	8.94	2	2	0.05	14	0.098	0.09
6/19/2006	0.027	7.56	221	221	28.6	0.012	9.21	2	2	0.1	2	0.13	0.092
6/26/2006	0.01	6.97	260	228	27.4	0.019	9.27	2	2	0.08	4	**0.196**	0.096

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Data Summary
(NPDES Permit No. IN0047473)

Date / Year	Inf. Q (MGD)	Inf. pH (SUs)	Inf. CBOD (mg/L)	Inf. TSS (mg/L)	Inf. NH_3-N (mg/L)	Eff. Q (MGD)	Eff. pH (SUs)	Eff. CBOD (mg/L)	Eff. TSS (mg/L)	Eff. NH_3-N (mg/L)	E. coli (#/100 mL)	Upstream Discharge Q (MGD)	Dilution Ratio
7/3/2006	0.022	7.45	76	354	21	0.038	8.26	2	2	0.01	11	0.36	0.096
7/10/2006	0.012	7.45	103	87.6	21.2	0.001	9.55	2	2	0.08	1	0.387	0.002
7/18/2006	0.074	7.64	179	84.2	38.6	0.001	9.46	2	2	0.38	2	0.01	0.1
7/24/2006	0.013	7.65	141	39	41.5	0.002	9.42	2	2	0.18	2	0.026	0.076
7/31/2006	0.004	7.62	114	29.7	33.6	0.004	8.74	2	2	0.76	50	0.04	0.1
8/8/2006	0.013	7.68	242	85.4	40.8	0.005	7.38	6	6	5.29	19	0.052	0.096
8/15/2006	0.008	7.77	154	52.4	39.2	0.005	8.74	4	4	0.42	16	0.052	0.096
8/21/2006	0.003	7.62	248	93.8	37.9	0.002	7.73	3	3	1.56	39	0.024	0.083
8/28/2006	0.011	7.41	169	42.3	42.8	0.002	7.81	5	5	2.99	75	0.022	0.091
9/5/2006	0.011	7.54	203	34.9	34.6	0.002	9.72	2	2	0.11	12	0.029	0.068
9/11/2006	0.012	7.03	482	346	44	0.002	7.99	2	2	1.05	2	0.028	0.071
9/18/2006	0.006	7.51	181	22.3	56.5	0.003	7.86	4	4	0.78	100	0.037	0.081
9/25/2006	0.01	7.41	95	46.6	32.8	0.003	7.9	3	3	1.12	43	0.035	0.085
10/2/2006	0.022	7.42	82	30.6	30.9	0.004	8.1	4	9.6	0.1	279	0.089	0.044
10/9/2006	0.006	7.66	68	25.2	27.2	0.004	8.02	2	13.7	0.54	44	0.041	0.097
10/16/2006	0.3	7.24	278	192	17.4	0.004	8.4	2	3.4	1.07	10	0.069	0.086
10/23/2006	0.013	7.57	447	66.4	32.3	0.005	8.06	2	3.6	1.44	61	0.05	0.100
10/30/2006	0.009	7.69	127	26.3	29	0.008	8.22	3	6	2.48	53	0.083	0.096
11/6/2006	0.014	7.19	429	388	49.8	0.004	7.96	2	2.8	2.6		0.039	0.100
11/13/2006	0.014	7.3	116	39.2	23.1	0.007	8.24	2	3.2	1.35		0.08	0.087
11/20/2006	0.013	6.9	203	36.8	26.4	0.008	7.87	4	6.3	1.37		0.081	0.098
11/27/2006	0.007	7.81	151	74.8	15.1	0.004	7.87	3	10	1.3		0.047	0.085
12/4/2006	0.023	7.55	55	18.9	7.06	0.008	8.05	4	6.9	0.32		0.088	0.098
12/11/2006	0.012	7.45	194	63.4	30.9	0.004	8.05	7	3.4	0.12		0.049	0.086
12/18/2006	0.01	7.1	355	234	21.5	0.008	8.17	6	3.6	0.24		0.078	0.094
12/26/2006	0.024	8.17	214	127	40	0.037	8.04	8	6	0.84		0.375	0.099
1/2/2007	0.021	7.46	218	42	22	0.018	8.01	1.3	9	0.45		0.191	0.094
1/8/2007	0.028	7.52	101	61	9.62	0.027	7.93	7	5.2	0.37		0.277	0.097
1/15/2007	0.04	7.13	188	89.4	9.5	0.122	8.25	8	9.9	0.46		1.44	0.084
1/22/2007	0.018	7.53	220	45.4	26.4	0.007	8.06	4	2.4	0.99		0.074	0.095
1/29/2007	0.007	8.13	274	129	37.6	0.004	7.61	3	2.3	1.35		0.042	0.094

Attachment #2

Corunna Wastewater
NPDES Permit Effluent Limit Compliance
(NPDES Permit No. IN47433)

(Limit)	Weekly Average Eff. CBOD (40 mg/L)	Monthly Average Eff. CBOD (25 mg/L)	Weekly Average Eff. TSS (105 mg/L)	Monthly Average Eff. TSS (70 mg/L)	Daily Max Eff./Stream Ratio (<0.1)	Daily Max pH (9.0 SUs)	Daily Min. pH (6.0 SUs)	Report *E. coli* (#/100 mL)	Summer Daily Max NH_3-N (<9.8 mg/L)	Summer Monthly Average NH_3-N (<4.2 mg/L)	Winter Daily Max NH_3-N (<10.4 mg/L)	Winter Monthly Average NH_3-N (<4.4 mg/L)
Sample Date												
4/28/2004	2	2	1	1	0.031	9.38					0.01	0.01
6/21/2004	2	2	2	2	0.092	9.18			0.02	0.02		
8/25/2004	4	4	6	6	0.09	8.14			0.12	0.12		
11/24/2004	6	6	2	2	0.03	8.06			0.01	0.01		
12/8/2004	3	3	3	3	0.1	7.99					0.05	0.05
1/10/2005	6		4		0.1	7.8					4.23	
1/17/2005	4	5	2	3	0.1	8.01					4.61	4.42
4/1/2005								1				
4/8/2005	2		2		0.098	7.63					0.24	
4/12/2005								4				
4/18/2005	2		2		0.043	7.88					0.19	
4/22/2005								3				
4/27/2005	2	2	0.05	2	0.012	7.81					0.17	0.2
5/20/2005	6	6	7	7	0.1	7.75		59	0.71	0.71		
6/13/2005	5		6		0.1	7.77		350	0.39			
6/14/2005								43				
6/20/2005	5	5	6	6	0.03	7.93			0.55	0.47		
10/21/2005	2		1		0.062	7.51		5	1.39			
10/27/2005	4	3	1	1	0.054	7.74		3	1.58	1.49		
AVERAGE	***3.67***	***2.53***	***3.00***	***2.20***	***0.07***			***10.60***	***0.60***	***0.47***	***1.36***	***1.17***

Attachment #2

Corunna Wastewater
NPDES Permit Effluent Limit Compliance
(NPDES Permit No. IN47433)

(Limit)	Weekly Average Eff. CBOD (40 mg/L)	Monthly Average Eff. CBOD (25 mg/L)	Weekly Average Eff. TSS (105 mg/L)	Monthly Average Eff. TSS (70 mg/L)	Daily Max Eff./Stream Ratio (<0.1)	Daily Max pH (9.0 SUs)	Daily Min. pH (6.0 SUs)	Report *E. coli* (#/100 mL)	Summer Daily Max NH_3-N (<9.8 mg/L)	Summer Monthly Average NH_3-N (<4.2 mg/L)	Winter Daily Max NH_3-N (<10.4 mg/L)	Winter Monthly Average NH_3-N (<4.4 mg/L)
Sample Date												
3/10/2006	5		3.6		0.063	8.16		94			0.51	
3/16/2006	3		2.2		0.09	8.17		47			0.19	
3/23/2006	2	3.3	0.4	2.06	0.04	8.36		21			0.26	0.32
4/4/2006	3		4.4		0.095	8.03		1			1.03	
4/10/2006	3		1		0.092	8.33		1			0.3	
4/17/2006	3		1.6		0.073	7.82		4			0.45	
4/24/2006	8	4.2	5.2	3.05	0.09	7.77		9			0.98	0.69
5/1/2006	2		1.2		0.04	8.2		27	1.13			
5/8/2006	2		0.1		0.1	8.32		75	0.61			
5/15/2006	3		15.4		0.05	8.27		78	0.26			
5/22/2006	2		0.5		0.094	8.66		3	0.17			
5/30/2006	3	2.4	1.5	3.74	0.096	8.75		16	0.3	0.494		
6/6/2006	2		2.4		0.088	8.95		23	0.25			
6/12/2006	2		1.2		0.09	8.94		14	0.05			
6/19/2006	2		3.2		0.092	9.21		2	0.1			
6/26/2006	2	2	3.6	2.6	0.096	9.27		4	0.08	0.12		
7/3/2006	2		2.4		0.096	8.26		11	0.01			
7/10/2006	2		0.5		0.002	9.55		1	0.08			
7/18/2006	2		1.9		0.1	9.46		2	0.38			
7/24/2006	2		2.8		0.076	9.42		2	0.18			
7/31/2006	2	2	1.4	1.8	0.1	8.74		50	0.76	0.28		
8/8/2006	6		32.4		0.096	7.38		19	5.29			
8/15/2006	4		5.4		0.096	8.74		16	0.42			
8/21/2006	3		14		0.083	7.73		39	1.56			
8/28/2006	5	4.5	12.7	16.1	0.091	7.81		75	2.99	2.565		
9/5/2006	2		7.4		0.068	9.72		12	0.11			
9/11/2006	2		3.9		0.071	7.99		2	1.05			
9/18/2006	4		22.3		0.081	7.86		100	0.78			
9/25/2006	3	2.75	27.1	15.1	0.085	7.9		43	1.12	0.765		
AVERAGE	***2.97***	***3.02***	***6.27***	***6.35***	***0.08***			***11.83***	***0.80***	***0.84***	***0.53***	***0.51***

Attachment #2

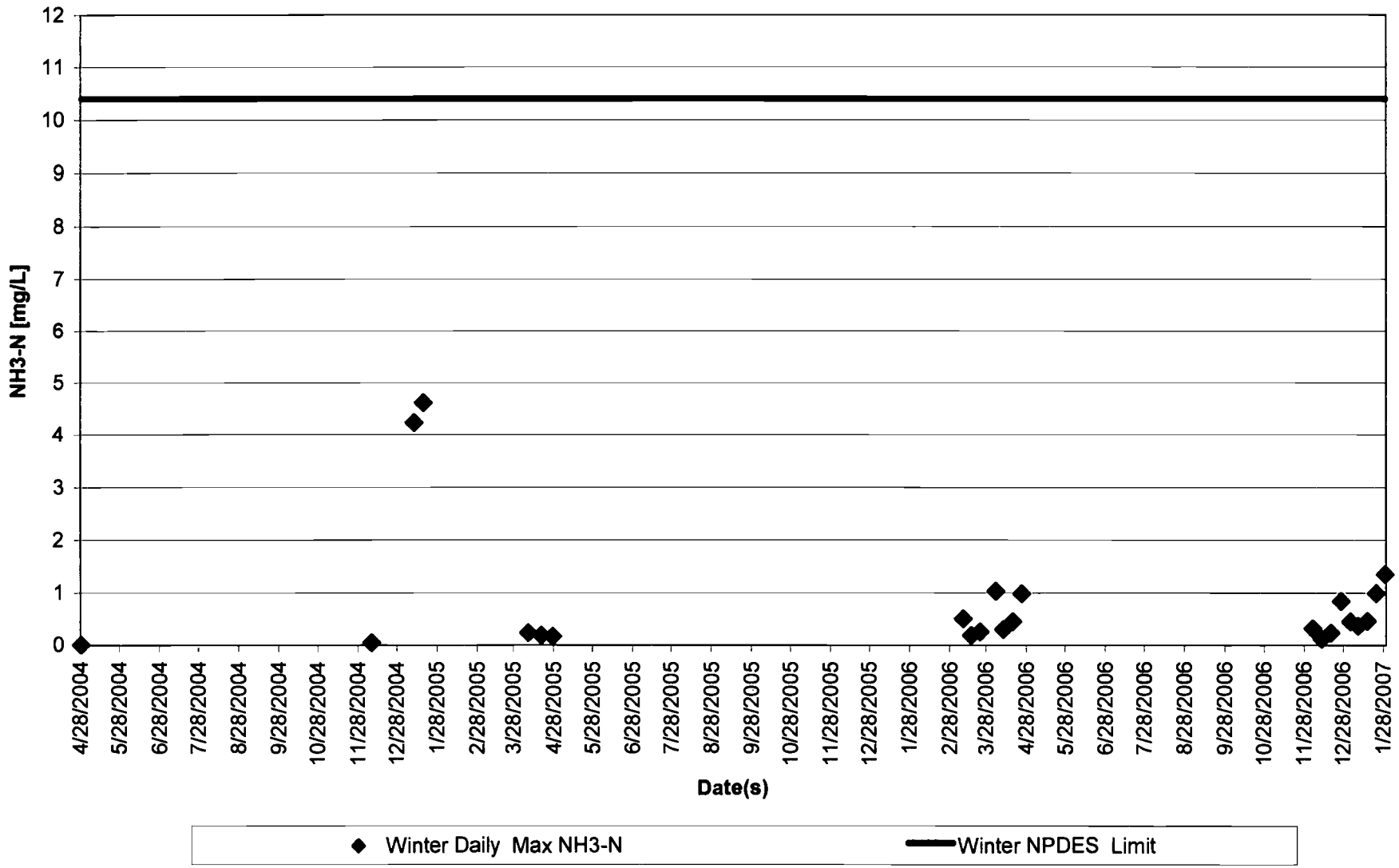
Corunna Wastewater
NPDES Permit Effluent Limit Compliance
(NPDES Permit No. IN47433)

	Weekly Average Eff. CBOD	Monthly Average Eff. CBOD	Weekly Average Eff. TSS	Monthly Average Eff. TSS	Daily Max Eff./Stream	Daily Max pH	Daily Min. pH	Report *E. coli*	Summer Daily Max NH_3-N	Summer Monthly Average NH_3-N	Winter Daily Max NH_3-N	Winter Monthly Average NH_3-N
(Limit)	(40 mg/L)	(25 mg/L)	(105 mg/L)	(70 mg/L)	Ratio (<0.1)	(9.0 SUs)	(6.0 SUs)	(#/100 mL)	(<9.8 mg/L)	(<4.2 mg/L)	(<10.4 mg/L)	(<4.4 mg/L)
10/2/2006	4		9.6		0.044	8.1		279	0.1			
10/9/2006	2		13.7		0.097	8.02		44	0.54			
10/16/2006	2		3.4		0.086	8.4		10	1.07			
10/23/2006	2		3.6		0.100	8.06		61	1.44			
10/30/2006	3	2.6	6	7.26	0.096	8.22		53	2.48	1.126		
11/6/2006	2		2.8		0.100	7.96			2.6			
11/13/2006	2		3.2		0.087	8.24			1.36			
11/20/2006	4		6.3		0.098	7.87			1.37			
11/27/2006	3	2.75	10	5.58	0.086	7.87			1.3	1.655		
12/4/2006	4		6.9		0.098	8.05					0.32	
12/11/2006	7		3.4		0.086	8.05					0.12	
12/18/2006	6		3.6		0.094	8.17					0.24	
12/26/2006	8	6.25	6	6.25	0.099	8.04					0.84	0.38
1/2/2007	1.3		9		0.094	8.01					0.45	
1/8/2007	7		5.2		0.097	7.93					0.37	
1/15/2007	8		9.9		0.084	8.25					0.46	
1/22/2007	4		2.4		0.095	8.06					0.99	
1/29/2007	3	4.66	2.3	5.76	0.094	7.61					1.35	0.724
AVERAGE	***4.02***	***4.07***	***5.96***	***6.21***	***0.091***			***52.45***	***1.36***	***1.39***	***0.57***	***0.55***
2004/2005 Average	***3.67***	***2.53***	***3.00***	***2.20***	***0.07***			***10.60***	***0.60***	***0.47***	***1.36***	***1.17***
3/06-9/06 Average	***2.97***	***3.02***	***6.27***	***6.35***	***0.08***			***11.83***	***0.80***	***0.84***	***0.53***	***0.51***
10/06-1/07 Average	***4.02***	***4.07***	***5.96***	***6.21***	***0.091***			***52.45***	***1.36***	***1.39***	***0.57***	***0.55***
Average - All Data	***3.55***	***3.21***	***5.08***	***4.92***	***0.08***			***18.74***	***0.92***	***0.90***	***0.82***	***0.74***

Attachment #3

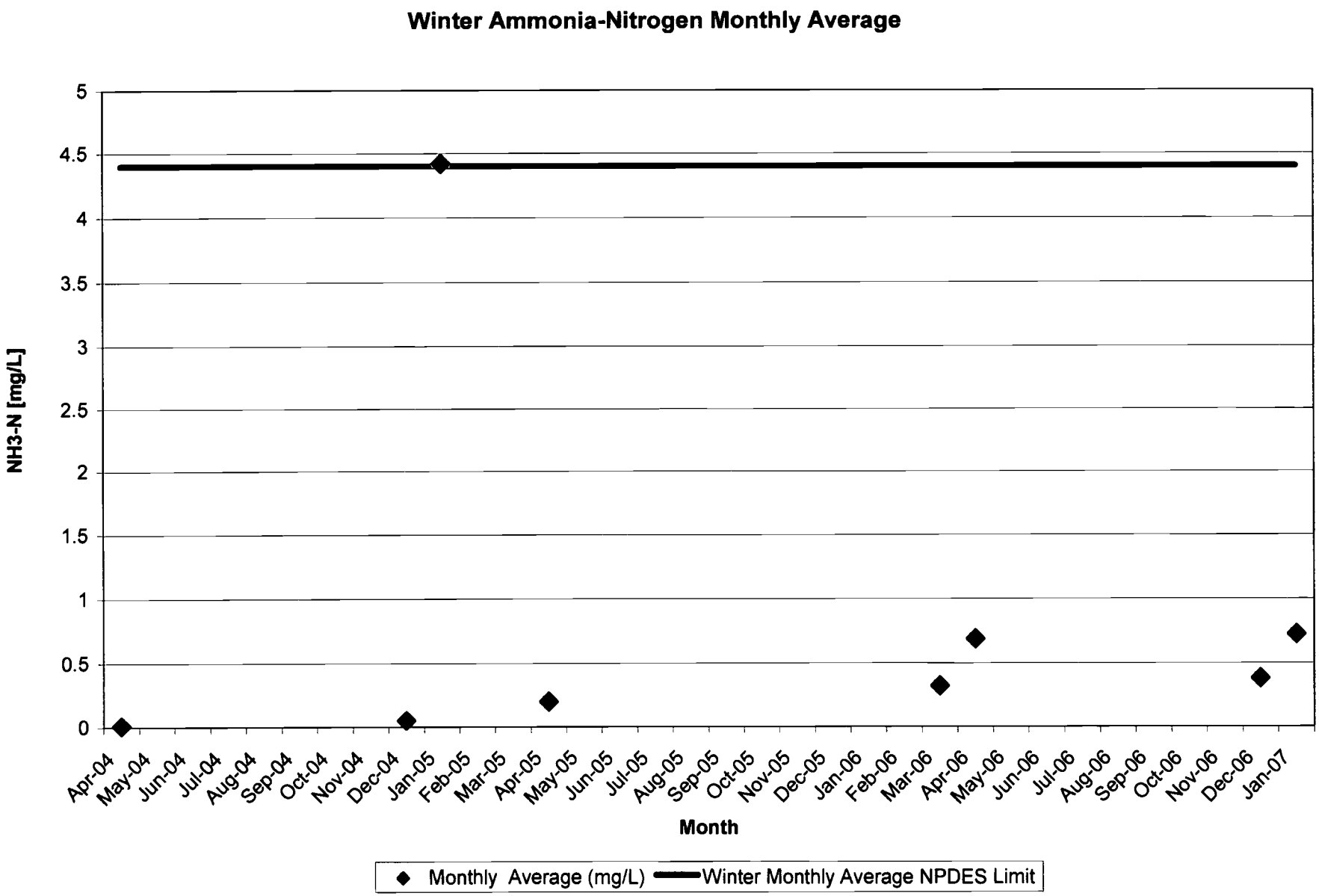
Corunna Wastewater
(NPDES Permit No. IN0047473)

Winter Ammonia-Nitrogen Daily Maximum



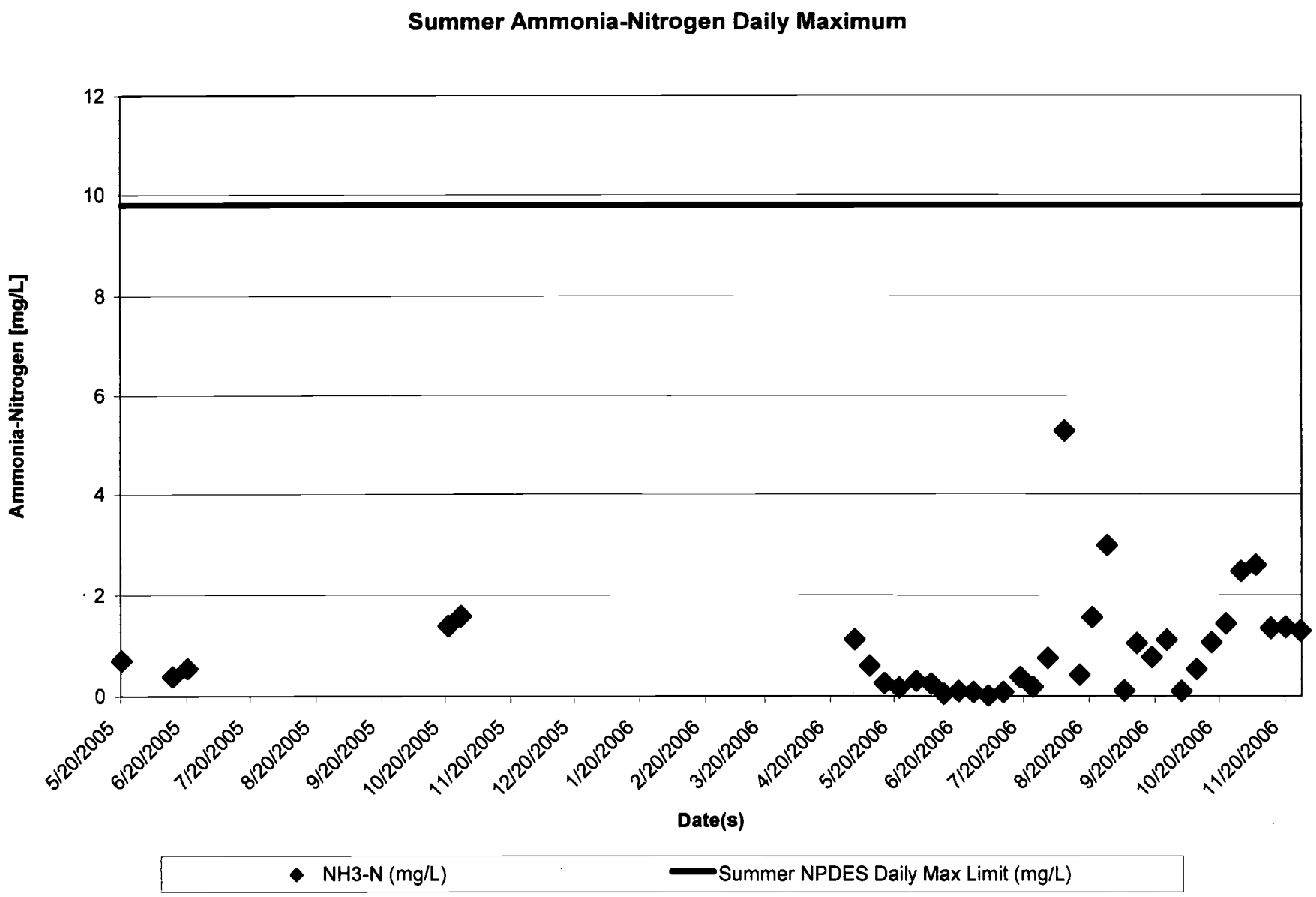
Attachment #4

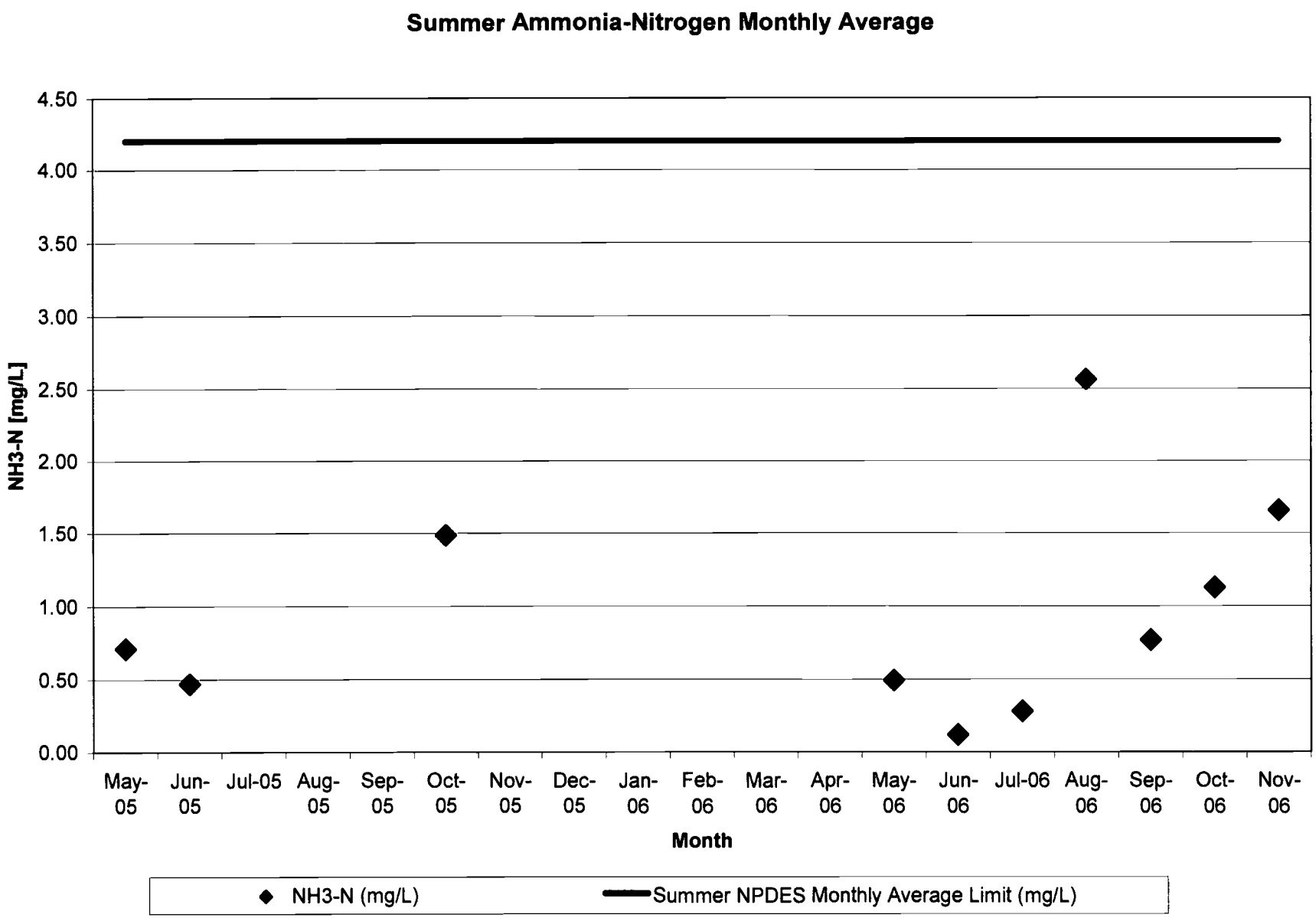
Corunna Wastewater
(NPDES Permit No. IN0047473)



Attachment #5

Corunna Wastewater
(NPDES Permit No. IN0047473)



Attachment #6

Corunna Wastewater
(NPDES Permit No. IN0047473)