

DOCKETED	
Docket Number:	05-AFC-02C
Project Title:	The Walnut Creek Energy Park
TN #:	231795
Document Title:	WCEP AQ-SC10 Quarterly Operation Report Q4 2019
Description:	N/A
Filer:	Heather Mostert
Organization:	Walnut Creek Energy, LLC
Submitter Role:	Applicant
Submission Date:	1/29/2020 1:56:30 PM
Docketed Date:	1/29/2020

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January 2020

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**California Energy Commission (CEC)
Quarterly Operation Report
4th Quarter 2019**

California Energy Commission (CEC) Quarterly Operation Report, 4th Quarter 2019

Prepared for:

**Walnut Creek Energy Park, LLC
(05-AFC-02)
911 Bixby Drive
City of Industry, CA 91745**

January 2020

Table of Contents

1.0 SUMMARY 1

Table of Appendices

**APPENDIX A – MONTHLY SUMMARIES OF OPERATING EMISSIONS, FUEL USE
AND NUMBER OF STARTUPS PER UNIT**

APPENDIX B – FIRE PUMP ENGINE AND COOLING TOWER OPERATIONS

APPENDIX C – CEMS DOWNTIME SUMMARY

**APPENDIX D – TITLE V DEVIATION REPORTS OR NOTICE OF VIOLATION
RECEIVED**

APPENDIX E – HOURLY AMMONIA SLIP LEVELS FOR UNITS 1 TO 5

California Energy Commission (CEC) Quarterly Operation Report, 4th Quarter 2019

1.0 SUMMARY

This report documents compliance with the California Energy Commission's Conditions of Certification AQ-SC10.

**APPENDIX A – MONTHLY SUMMARIES OF OPERATING EMISSIONS, FUEL
USE AND NUMBER OF STARTUPS PER UNIT**

**Oct 2019 - WCEP Unit 1 Emissions
SCAQMD Device Number D1**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.8	30.3	20.6	7.6	1.9	19.6	19.6
3	1.1	17.8	9.4	2.9	0.7	7.4	7.4
4	2.1	35.3	13.4	5.6	1.4	14.5	14.5
5	2.1	32.7	15.8	5.6	1.4	14.5	14.5
6	2.7	30.2	17.3	7.3	1.8	18.9	18.9
7	2.3	34.6	13.2	6.4	1.6	16.4	16.4
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	2.2	26.9	17.3	6.0	1.5	15.5	15.5
10	1.8	26.0	13.7	4.8	1.2	12.3	12.3
11	3.7	53.0	22.0	10.1	2.5	26.0	26.0
12	1.6	27.3	8.4	4.4	1.1	11.3	11.3
13	1.8	29.4	13.7	4.9	1.2	12.6	12.6
14	2.5	32.9	17.0	6.8	1.7	17.6	17.6
15	5.2	57.8	34.6	14.3	3.5	36.8	36.8
16	6.1	65.0	37.2	16.7	4.1	43.1	43.1
17	2.1	37.6	12.5	5.7	1.4	14.8	14.8
18	3.7	53.7	31.7	10.0	2.4	25.7	25.7
19	1.4	21.1	11.8	3.9	1.0	10.1	10.1
20	1.8	29.5	17.0	4.9	1.2	12.5	12.5
21	0.7	16.4	9.6	2.0	0.5	5.1	5.1
22	5.4	62.3	32.4	14.9	3.6	38.3	38.3
23	2.0	32.1	11.5	5.5	1.4	14.2	14.2
24	5.1	67.6	35.0	13.8	3.4	35.6	35.6
25	2.2	30.2	17.9	6.0	1.5	15.4	15.4
26	1.0	20.2	9.0	2.6	0.6	6.7	6.7
27	1.6	21.6	13.9	4.3	1.1	11.0	11.0
28	3.6	46.7	26.2	9.7	2.4	25.1	25.1
29	2.3	33.2	19.4	6.3	1.6	16.3	16.3
30	2.7	51.5	18.2	7.4	1.8	19.1	19.1
31	3.3	60.8	28.6	8.9	2.2	22.9	22.9
Total =	77	1084	548	209	51	540	540

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Oct 2019 - WCEP Unit 2 Emissions
SCAQMD Device Number D7**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	3.2	35.1	20.6	8.8	2.2	22.8	22.8
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	1.5	24.6	11.3	4.2	1.0	10.8	10.8
6	2.5	30.9	15.1	6.9	1.7	17.7	17.7
7	2.4	30.4	11.3	6.4	1.6	16.6	16.6
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	2.2	24.5	14.2	5.9	1.4	15.1	15.1
10	3.6	36.4	19.7	9.9	2.4	25.6	25.6
11	5.0	65.5	32.4	13.6	3.3	35.0	35.0
12	1.6	23.3	9.7	4.4	1.1	11.4	11.4
13	2.2	26.1	18.0	6.0	1.5	15.6	15.6
14	2.5	29.0	13.9	6.8	1.7	17.5	17.5
15	7.1	65.3	38.6	19.3	4.7	49.8	49.8
16	2.7	40.3	20.4	7.4	1.8	19.2	19.2
17	1.5	29.1	9.4	4.0	1.0	10.4	10.4
18	3.2	48.6	22.6	8.6	2.1	22.3	22.3
19	1.6	24.5	14.4	4.5	1.1	11.6	11.6
20	1.7	25.5	17.0	4.6	1.1	11.9	11.9
21	1.7	30.7	18.5	4.6	1.1	11.8	11.8
22	4.9	60.8	29.3	13.4	3.3	34.4	34.4
23	3.2	48.3	21.8	8.7	2.1	22.3	22.3
24	3.3	43.8	25.2	9.0	2.2	23.1	23.1
25	3.8	48.2	26.8	10.3	2.5	26.7	26.7
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	3.4	38.0	19.0	9.3	2.3	24.1	24.1
29	4.7	62.2	31.7	12.7	3.1	32.8	32.8
30	3.1	44.1	16.6	8.4	2.1	21.8	21.8
31	3.2	52.8	24.5	8.8	2.2	22.7	22.7
Total =	75.7	987.6	501.9	206.7	50.7	533.0	533.0

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Oct 2019 - WCEP Unit 3 Emissions
SCAQMD Device Number D13**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.4	27.1	12.7	6.6	1.6	17.0	17.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	1.5	29.3	10.8	4.1	1.0	10.7	10.7
5	3.1	39.6	19.2	8.4	2.1	21.7	21.7
6	2.1	24.1	17.8	5.7	1.4	14.7	14.7
7	0.4	20.4	13.1	1.1	0.3	2.9	2.9
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.7	14.8	7.7	1.8	0.4	4.6	4.6
14	0.6	13.3	5.8	1.7	0.4	4.3	4.3
15	5.3	58.6	28.8	14.4	3.5	37.3	37.3
16	7.3	79.1	37.2	19.9	4.9	51.3	51.3
17	1.3	28.6	14.6	3.4	0.8	8.9	8.9
18	3.5	54.8	18.5	9.5	2.3	24.5	24.5
19	1.5	27.0	10.6	4.0	1.0	10.4	10.4
20	1.5	24.9	18.7	4.1	1.0	10.7	10.7
21	1.0	20.7	9.6	2.6	0.6	6.8	6.8
22	4.8	50.8	28.1	13.2	3.2	33.9	33.9
23	2.4	28.1	16.6	6.7	1.6	17.2	17.2
24	1.2	60.6	10.8	3.3	0.8	8.4	8.4
25	2.0	25.5	12.8	5.5	1.4	14.2	14.2
26	0.8	21.0	8.6	2.3	0.6	5.9	5.9
27	1.5	26.0	13.9	4.0	1.0	10.3	10.3
28	3.7	55.9	25.2	10.2	2.5	26.2	26.2
29	2.1	31.0	14.9	5.7	1.4	14.7	14.7
30	5.4	74.6	29.0	14.8	3.6	38.3	38.3
31	3.3	53.0	19.9	8.9	2.2	22.9	22.9
Total =	59.3	888.6	404.9	162.0	39.8	417.7	417.7

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Oct 2019 - WCEP Unit 4 Emissions
SCAQMD Device Number D19**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	3.5	35.4	20.2	9.6	2.4	24.8	24.8
3	2.4	25.7	15.4	6.4	1.6	16.6	16.6
4	0.8	15.2	6.2	2.1	0.5	5.5	5.5
5	2.8	31.0	15.0	7.6	1.9	19.6	19.6
6	2.2	26.2	13.9	6.1	1.5	15.7	15.7
7	2.7	29.5	14.3	7.3	1.8	18.9	18.9
8	0.7	14.4	5.6	2.0	0.5	5.1	5.1
9	2.7	29.9	14.9	7.4	1.8	19.1	19.1
10	2.5	29.9	12.2	6.8	1.7	17.6	17.6
11	4.7	59.9	28.2	12.8	3.1	33.1	33.1
12	1.6	23.5	11.3	4.3	1.1	11.1	11.1
13	2.1	25.2	16.3	5.8	1.4	15.0	15.0
14	3.0	35.2	18.9	8.3	2.0	21.4	21.4
15	5.1	50.3	30.9	14.0	3.4	36.1	36.1
16	7.5	74.0	38.4	20.6	5.1	53.1	53.1
17	1.9	30.4	11.8	5.1	1.2	13.1	13.1
18	3.2	44.1	19.8	8.6	2.1	22.3	22.3
19	1.0	22.5	8.1	2.7	0.7	7.1	7.1
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	1.5	31.7	15.4	4.2	1.0	10.8	10.8
22	5.0	56.7	30.2	13.5	3.3	34.9	34.9
23	4.8	54.9	29.3	13.0	3.2	33.6	33.6
24	2.0	37.6	17.0	5.6	1.4	14.3	14.3
25	4.3	53.2	27.7	11.8	2.9	30.5	30.5
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.3	34.5	4.4	0.9	0.2	2.4	2.4
28	5.7	71.9	31.1	15.6	3.8	40.2	40.2
29	0.7	17.4	5.7	2.0	0.5	5.1	5.1
30	3.3	43.3	18.0	9.0	2.2	23.1	23.1
31	3.2	52.2	22.6	8.8	2.2	22.7	22.7
Total =	81.4	1055.4	502.8	222.2	54.5	572.9	572.9

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Oct 2019 - WCEP Unit 5 Emissions
SCAQMD Device Number D25**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.8	28.6	17.0	7.6	1.9	19.6	19.6
3	3.7	38.4	20.6	10.2	2.5	26.3	26.3
4	0.8	14.4	7.0	2.2	0.5	5.7	5.7
5	3.1	33.4	18.0	8.4	2.1	21.7	21.7
6	2.3	25.7	13.4	6.3	1.5	16.2	16.2
7	2.4	29.4	13.0	6.4	1.6	16.6	16.6
8	1.2	16.1	11.2	3.3	0.8	8.4	8.4
9	2.8	26.8	15.7	7.7	1.9	19.9	19.9
10	4.4	44.8	27.0	11.9	2.9	30.7	30.7
11	3.3	38.8	25.5	9.1	2.2	23.5	23.5
12	1.6	23.5	11.7	4.4	1.1	11.3	11.3
13	2.2	23.7	15.5	6.0	1.5	15.4	15.4
14	3.1	34.0	19.8	8.6	2.1	22.1	22.1
15	4.5	45.7	31.5	12.2	3.0	31.3	31.3
16	7.1	62.7	42.0	19.5	4.8	50.2	50.2
17	2.7	31.1	15.8	7.4	1.8	19.0	19.0
18	4.0	53.1	27.3	11.0	2.7	28.5	28.5
19	2.8	33.6	16.3	7.7	1.9	20.0	20.0
20	2.7	27.2	18.5	7.3	1.8	18.7	18.7
21	1.7	29.3	17.0	4.7	1.2	12.2	12.2
22	5.1	48.5	30.2	13.8	3.4	35.6	35.6
23	3.2	41.7	22.3	8.8	2.2	22.6	22.6
24	4.3	40.5	25.8	11.7	2.9	30.3	30.3
25	1.7	30.0	15.6	4.7	1.2	12.1	12.1
26	1.9	20.9	12.1	5.3	1.3	13.7	13.7
27	1.6	16.4	9.3	4.5	1.1	11.5	11.5
28	5.0	56.2	28.3	13.5	3.3	34.9	34.9
29	3.5	47.3	25.4	9.4	2.3	24.3	24.3
30	5.5	67.5	32.2	15.1	3.7	39.0	39.0
31	1.9	27.1	13.6	5.1	1.3	13.3	13.3
Total =	93.0	1056.2	598.7	253.9	62.3	654.7	654.7

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Nov 2019 - WCEP Unit 1 Emissions
SCAQMD Device Number D1**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	1.6	24.8	11.5	4.3	1.0	11.0	11.0
2	2.6	35.7	21.8	7.1	1.8	18.4	18.4
3	3.8	43.4	26.4	10.4	2.5	26.8	26.8
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	1.8	29.6	15.6	4.8	1.2	12.3	12.3
20	1.1	25.2	10.1	3.0	0.7	7.7	7.7
21	5.2	50.3	33.1	14.3	3.5	36.9	36.9
22	3.3	44.5	28.3	9.1	2.2	23.4	23.4
23	0.8	17.4	7.9	2.1	0.5	5.4	5.4
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.7	17.5	8.9	1.9	0.5	5.0	5.0
26	2.3	39.3	16.3	6.2	1.5	16.0	16.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total =	23.1	327.7	180.0	63.1	15.5	162.8	162.8

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

Nov 2019 - WCEP Unit 2 Emissions
SCAQMD Device Number D7

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	5.1	63.5	36.0	14.0	3.4	36.2	36.2
2	3.8	53.8	28.3	10.4	2.6	26.9	26.9
3	3.7	42.1	27.4	10.2	2.5	26.4	26.4
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	1.9	28.2	14.6	5.2	1.3	13.4	13.4
20	1.4	23.3	11.5	3.7	0.9	9.6	9.6
21	5.5	50.7	34.1	14.9	3.7	38.5	38.5
22	2.8	36.6	20.9	7.6	1.9	19.6	19.6
23	0.9	19.4	6.2	2.5	0.6	6.5	6.5
24	1.7	26.7	12.0	4.6	1.1	11.8	11.8
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.8	16.4	8.4	2.3	0.6	5.9	5.9
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total =	27.7	360.7	199.5	75.5	18.5	194.8	194.8

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Nov 2019 - WCEP Unit 3 Emissions
SCAQMD Device Number D13**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	2.4	40.7	19.3	6.5	1.6	16.8	16.8
2	3.7	56.0	22.8	10.1	2.5	26.1	26.1
3	3.7	44.9	18.3	10.2	2.5	26.2	26.2
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	1.6	41.8	13.0	4.4	1.1	11.4	11.4
20	3.2	42.6	19.2	8.6	2.1	22.2	22.2
21	4.4	42.5	20.6	12.0	2.9	30.9	30.9
22	4.6	52.3	26.2	12.6	3.1	32.4	32.4
23	0.7	14.7	6.0	2.0	0.5	5.1	5.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	6.6	81.1	38.9	18.1	4.4	46.7	46.7
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total =	30.9	416.6	184.2	84.5	20.7	217.9	217.9

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Nov 2019 - WCEP Unit 4 Emissions
SCAQMD Device Number D19**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	2.7	35.5	16.1	7.2	1.8	18.7	18.7
2	5.6	53.7	31.0	15.4	3.8	39.7	39.7
3	5.5	63.4	33.0	14.9	3.7	38.5	38.5
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	2.6	55.1	20.7	7.2	1.8	18.6	18.6
20	8.3	78.9	48.2	22.5	5.5	58.1	58.1
21	5.3	61.0	33.9	14.5	3.6	37.5	37.5
22	5.9	62.4	31.0	16.2	4.0	41.8	41.8
23	5.1	59.7	23.0	13.9	3.4	35.8	35.8
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.7	15.9	6.3	1.8	0.5	4.8	4.8
26	6.0	65.9	27.4	16.4	4.0	42.4	42.4
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total =	47.7	551.4	270.5	130.2	32.0	335.8	335.8

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Nov 2019 - WCEP Unit 5 Emissions
SCAQMD Device Number D25**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	3.7	48.8	26.0	10.0	2.5	25.8	25.8
2	4.9	48.9	29.0	13.4	3.3	34.6	34.6
3	4.2	42.2	23.5	11.5	2.8	29.6	29.6
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	1.8	25.9	13.6	4.8	1.2	12.4	12.4
20	9.3	81.0	55.9	25.3	6.2	65.1	65.1
21	3.4	33.5	22.8	9.3	2.3	24.0	24.0
22	5.4	54.4	31.0	14.7	3.6	37.9	37.9
23	2.0	24.0	13.7	5.5	1.3	14.1	14.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total =	34.6	358.7	215.4	94.5	23.2	243.6	243.6

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Dec 2019 - WCEP Unit 1 Emissions
SCAQMD Device Number D1**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.6	33.6	19.9	7.2	1.8	18.5	18.5
3	0.8	16.5	9.4	2.1	0.5	5.5	5.5
4	0.9	19.1	11.5	2.4	0.6	6.2	6.2
5	1.3	22.8	11.8	3.4	0.8	8.9	8.9
6	0.7	17.5	8.2	1.9	0.5	4.9	4.9
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	2.9	32.8	21.8	7.8	1.9	20.1	20.1
10	2.1	26.6	15.4	5.7	1.4	14.7	14.7
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	2.0	28.2	13.4	5.4	1.3	13.9	13.9
17	3.8	59.9	24.2	10.4	2.6	26.9	26.9
18	1.5	33.0	11.5	4.2	1.0	10.8	10.8
19	1.7	40.9	18.4	4.6	1.1	11.8	11.8
20	1.9	31.4	14.2	5.2	1.3	13.4	13.4
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.8	16.9	9.0	2.2	0.5	5.6	5.6
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.9	19.0	11.2	2.6	0.6	6.6	6.6
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total =	23.8	398.2	199.8	65.0	16.0	167.7	167.7

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Dec 2019 - WCEP Unit 2 Emissions
SCAQMD Device Number D7**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.4	30.3	14.2	6.6	1.6	17.0	17.0
3	0.8	14.3	7.4	2.2	0.5	5.7	5.7
4	0.8	13.7	8.2	2.1	0.5	5.4	5.4
5	1.1	16.6	10.6	3.0	0.7	7.8	7.8
6	0.7	12.9	7.4	1.9	0.5	4.9	4.9
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	2.0	27.7	12.7	5.3	1.3	13.7	13.7
10	1.9	22.0	12.7	5.2	1.3	13.4	13.4
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.4	11.2	6.0	1.1	0.3	2.7	2.7
15	0.4	2.9	2.2	1.1	0.3	2.9	2.9
16	2.2	38.8	13.0	6.0	1.5	15.6	15.6
17	1.9	25.2	11.0	5.3	1.3	13.7	13.7
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.8	19.8	7.9	2.2	0.5	5.6	5.6
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total =	15.4	235.2	113.2	42.0	10.3	108.3	108.3

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

Dec 2019 - WCEP Unit 3 Emissions
SCAQMD Device Number D13

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.8	33.0	19.9	7.6	1.9	19.6	19.6
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.8	16.8	7.7	2.1	0.5	5.4	5.4
5	1.2	24.3	13.2	3.3	0.8	8.6	8.6
6	0.7	15.5	6.5	1.9	0.5	4.9	4.9
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	2.2	34.1	14.2	6.0	1.5	15.6	15.6
10	0.7	15.5	6.2	2.0	0.5	5.0	5.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	2.4	40.3	13.0	6.6	1.6	17.0	17.0
17	2.0	26.7	10.3	5.3	1.3	13.7	13.7
18	1.3	28.8	9.6	3.5	0.9	9.0	9.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.8	22.1	7.9	2.2	0.5	5.7	5.7
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.7	15.9	8.2	1.8	0.4	4.7	4.7
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total =	15.5	273.0	116.6	42.4	10.4	109.2	109.2

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

**Dec 2019 - WCEP Unit 4 Emissions
SCAQMD Device Number D19**

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.6	28.1	18.2	7.0	1.7	18.1	18.1
3	1.6	22.0	11.0	4.4	1.1	11.4	11.4
4	0.7	13.7	7.3	2.0	0.5	5.2	5.2
5	1.8	21.5	12.9	4.9	1.2	12.5	12.5
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	2.4	29.4	16.8	6.5	1.6	16.7	16.7
10	1.9	19.1	11.0	5.1	1.2	13.0	13.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	3.8	47.9	17.3	10.3	2.5	26.5	26.5
17	2.8	30.3	12.4	7.5	1.9	19.5	19.5
18	1.5	26.2	7.2	4.1	1.0	10.6	10.6
19	3.3	56.5	20.6	9.1	2.2	23.5	23.5
20	2.5	32.4	11.3	7.0	1.7	17.9	17.9
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total =	24.8	326.8	146.0	67.8	16.6	174.8	174.8

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

Dec 2019 - WCEP Unit 5 Emissions
SCAQMD Device Number D25

Day	Daily Fuel Us MMscf/day	Daily Emissions (lbs/day) ^{1,2,3}					
		NO _x	CO	VOC	SO _x	PM ₁₀	PM _{2.5}
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	3.0	31.2	18.5	8.2	2.0	21.0	21.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	1.5	25.0	13.2	4.0	1.0	10.4	10.4
6	0.8	13.0	7.7	2.1	0.5	5.4	5.4
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	1.2	17.2	11.8	3.2	0.8	8.3	8.3
9	2.4	28.7	16.8	6.7	1.6	17.2	17.2
10	1.9	21.2	12.7	5.1	1.3	13.2	13.2
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	2.3	37.6	15.4	6.3	1.5	16.2	16.2
17	2.8	30.5	15.6	7.5	1.9	19.5	19.5
18	1.9	36.3	13.6	5.1	1.2	13.1	13.1
19	2.0	25.9	14.8	5.4	1.3	14.0	14.0
20	1.1	21.0	8.5	3.0	0.7	7.7	7.7
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	1.4	19.2	10.1	3.9	1.0	10.0	10.0
23	0.0	0.2	0.1	0.1	0.0	0.1	0.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	1.0	15.6	9.0	2.7	0.7	7.0	7.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total =	23.2	322.5	167.8	63.2	15.5	163.0	163.0

1. NO_x emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. SO_x, VOC, PM₁₀, and PM_{2.5} emissions (lbs/day) calculated from daily fuel use.

WCEP Monthly Startup Summary - Units 1 to 5

	SCAQMD Designation Number	Oct	Nov	Dec	Quarterly Total
Unit 1	D1	34	12	16	62
Unit 2	D7	36	13	12	61
Unit 3	D13	31	14	11	56
Unit 4	D19	39	17	13	69
Unit 5	D25	40	11	15	66
Facility Total		180	67	67	314

APPENDIX B – FIRE PUMP ENGINE AND COOLING TOWER OPERATIONS

**Oct 2019 - WCEP Fire Pump Engine Emissions
 SCAQMD Device Number D34**

Day	Daily Operations (hrs/day)		Daily Fuel Use (gal/day)	Daily Emissions (lbs/day)				
	Testing	Emergency		NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
1	0	0	0	0.00	0.00	0.00	0.00	0.00
2	0	0	0	0.00	0.00	0.00	0.00	0.00
3	0	0	0	0.00	0.00	0.00	0.00	0.00
4	0	0	0	0.00	0.00	0.00	0.00	0.00
5	0	0	0	0.00	0.00	0.00	0.00	0.00
6	0.4	0	4	0.53	0.42	0.00	0.02	0.02
7	0	0	0	0.00	0.00	0.00	0.00	0.00
8	0	0	0	0.00	0.00	0.00	0.00	0.00
9	0	0	0	0.00	0.00	0.00	0.00	0.00
10	0	0	0	0.00	0.00	0.00	0.00	0.00
11	0	0	0	0.00	0.00	0.00	0.00	0.00
12	0	0	0	0.00	0.00	0.00	0.00	0.00
13	0.4	0	4	0.53	0.42	0.00	0.02	0.02
14	0	0	0	0.00	0.00	0.00	0.00	0.00
15	0	0	0	0.00	0.00	0.00	0.00	0.00
16	0	0	0	0.00	0.00	0.00	0.00	0.00
17	0	0	0	0.00	0.00	0.00	0.00	0.00
18	0	0	0	0.00	0.00	0.00	0.00	0.00
19	0	0	0	0.00	0.00	0.00	0.00	0.00
20	0.4	0	3	0.40	0.42	0.00	0.02	0.02
21	0	0	0	0.00	0.00	0.00	0.00	0.00
22	0	0	0	0.00	0.00	0.00	0.00	0.00
23	0	0	0	0.00	0.00	0.00	0.00	0.00
24	0	0	0	0.00	0.00	0.00	0.00	0.00
25	0	0	0	0.00	0.00	0.00	0.00	0.00
26	1.2	0	12	1.58	1.26	0.00	0.07	0.07
27	0	0	0	0.00	0.00	0.00	0.00	0.00
28	0	0	0	0.00	0.00	0.00	0.00	0.00
29	0	0	0	0.00	0.00	0.00	0.00	0.00
30	0	0	0	0.00	0.00	0.00	0.00	0.00
31	0	0	0	0.00	0.00	0.00	0.00	0.00
Total =	2.4	0.0	23.0	3.04	2.52	0.01	0.15	0.15

**Nov 2019 - WCEP Fire Pump Engine Emissions
 SCAQMD Device Number D34**

Day	Daily Operations (hrs/day)		Daily Fuel Use (gal/day)	Daily Emissions (lbs/day)				
	Testing	Emergency		NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
1	0	0	0	0.00	0.00	0.00	0.00	0.00
2	0	0	0	0.00	0.00	0.00	0.00	0.00
3	0.4	0	3	0.40	0.42	0.00	0.02	0.02
4	0.5	0	3	0.40	0.52	0.00	0.03	0.03
5	0	0	0	0.00	0.00	0.00	0.00	0.00
6	0	0	0	0.00	0.00	0.00	0.00	0.00
7	0	0	0	0.00	0.00	0.00	0.00	0.00
8	0	0	0	0.00	0.00	0.00	0.00	0.00
9	0	0	0	0.00	0.00	0.00	0.00	0.00
10	0	0	0	0.00	0.00	0.00	0.00	0.00
11	0	0	0	0.00	0.00	0.00	0.00	0.00
12	0	0	0	0.00	0.00	0.00	0.00	0.00
13	0	0	0	0.00	0.00	0.00	0.00	0.00
14	0.2	0	2	0.26	0.21	0.00	0.01	0.01
15	0	0	0	0.00	0.00	0.00	0.00	0.00
16	0	0	0	0.00	0.00	0.00	0.00	0.00
17	0.4	0	3	0.40	0.42	0.00	0.02	0.02
18	0	0	0	0.00	0.00	0.00	0.00	0.00
19	0	0	0	0.00	0.00	0.00	0.00	0.00
20	0	0	0	0.00	0.00	0.00	0.00	0.00
21	0	0	0	0.00	0.00	0.00	0.00	0.00
22	0	0	0	0.00	0.00	0.00	0.00	0.00
23	0	0	0	0.00	0.00	0.00	0.00	0.00
24	0	0	0	0.00	0.00	0.00	0.00	0.00
25	0.4	0	3	0.40	0.42	0.00	0.02	0.02
26	0	0	0	0.00	0.00	0.00	0.00	0.00
27	0	0	0	0.00	0.00	0.00	0.00	0.00
28	0	0	0	0.00	0.00	0.00	0.00	0.00
29	0	0	0	0.00	0.00	0.00	0.00	0.00
30	0	0	0	0.00	0.00	0.00	0.00	0.00
Total =	1.9	0.0	14.0	1.85	1.99	0.00	0.11	0.11

Dec 2019 - WCEP Fire Pump Engine Emissions
SCAQMD Device Number D34

Day	Daily Operations (hrs/day)		Daily Fuel Use (gal/day)	Daily Emissions (lbs/day)				
	Testing	Emergency		NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
1	0.4	0	3	0.40	0.42	0.00	0.02	0.02
2	0	0	0	0.00	0.00	0.00	0.00	0.00
3	0	0	0	0.00	0.00	0.00	0.00	0.00
4	0	0	0	0.00	0.00	0.00	0.00	0.00
5	0	0	0	0.00	0.00	0.00	0.00	0.00
6	0	0	0	0.00	0.00	0.00	0.00	0.00
7	0	0	0	0.00	0.00	0.00	0.00	0.00
8	0.4	0	4	0.53	0.42	0.00	0.02	0.02
9	0	0	0	0.00	0.00	0.00	0.00	0.00
10	0	0	0	0.00	0.00	0.00	0.00	0.00
11	0.4	0	1	0.13	0.42	0.00	0.02	0.02
12	0	0	0	0.00	0.00	0.00	0.00	0.00
13	0	0	0	0.00	0.00	0.00	0.00	0.00
14	0	0	0	0.00	0.00	0.00	0.00	0.00
15	0	0	0	0.00	0.00	0.00	0.00	0.00
16	0	0	0	0.00	0.00	0.00	0.00	0.00
17	0	0	0	0.00	0.00	0.00	0.00	0.00
18	0	0	0	0.00	0.00	0.00	0.00	0.00
19	0	0	0	0.00	0.00	0.00	0.00	0.00
20	0	0	0	0.00	0.00	0.00	0.00	0.00
21	0	0	0	0.00	0.00	0.00	0.00	0.00
22	0.4	0	2	0.26	0.42	0.00	0.02	0.02
23	0	0	0	0.00	0.00	0.00	0.00	0.00
24	0	0	0	0.00	0.00	0.00	0.00	0.00
25	0	0	0	0.00	0.00	0.00	0.00	0.00
26	0	0	0	0.00	0.00	0.00	0.00	0.00
27	0.4	0	2	0.26	0.42	0.00	0.02	0.02
28	0	0	0	0.00	0.00	0.00	0.00	0.00
29	0	0	0	0.00	0.00	0.00	0.00	0.00
30	0	0	0	0.00	0.00	0.00	0.00	0.00
31	0	0	0	0.00	0.00	0.00	0.00	0.00
Total =	2.0	0.0	12.0	1.58	2.10	0.00	0.12	0.12

Oct 2019 - WCEP Cooling Tower Emissions
SCAQMD Device Number N/A

Day	Daily Water Circulating Flow Rate (gal/day)	Circulating Circulating Water TDS Level (ppm)	Daily Emissions PM ₁₀ (lbs/day)
1	0	10	0.0
2	15,019,500	3,455	2.2
3	13,938,000	3,194	1.9
4	7,408,000	3,249	1.0
5	12,013,500	3,471	1.7
6	10,511,500	3,443	1.5
7	9,459,500	3,439	1.4
8	5,377,500	3,425	0.8
9	11,493,500	3,443	1.6
10	15,231,500	3,451	2.2
11	21,118,000	3,686	3.2
12	5,513,000	3,454	0.8
13	7,983,500	3,492	1.2
14	11,631,500	3,436	1.7
15	25,256,000	3,514	3.7
16	32,567,500	3,457	4.7
17	8,742,000	3,440	1.3
18	15,103,500	3,505	2.2
19	9,047,500	3,443	1.3
20	10,906,000	3,464	1.6
21	12,790,000	3,384	1.8
22	18,057,000	3,561	2.7
23	17,707,500	3,479	2.6
24	21,262,000	3,490	3.1
25	22,683,500	3,422	3.2
26	6,880,000	3,446	1.0
27	6,150,500	3,427	0.9
28	20,557,500	3,477	3.0
29	16,937,500	3,432	2.4
30	21,755,000	3,476	3.1
31	11,926,500	3,479	1.7

Nov 2019 - WCEP Cooling Tower Emissions
SCAQMD Device Number N/A

Day	Daily Water Circulating Flow Rate (gal/day)	Circulating Circulating Water TDS Level (ppm)	Daily Emissions PM ₁₀ (lbs/day)
1	17,883,000	3,482	2.6
2	20,345,500	3,536	3.0
3	16,922,500	3,589	2.5
4	0	3,252	0.0
5	0	0	0.0
6	0	0	0.0
7	0	0	0.0
8	0	0	0.0
9	0	0	0.0
10	0	0	0.0
11	0	0	0.0
12	0	0	0.0
13	0	0	0.0
14	1,125,000	3,111	0.1
15	4,041,000	2,961	0.5
16	2,340,000	2,709	0.3
17	0	9	0.0
18	0	8	0.0
19	14,227,000	2,832	1.7
20	36,154,000	3,406	5.1
21	27,252,000	3,522	4.0
22	31,357,000	3,447	4.5
23	20,389,500	3,402	2.9
24	4,410,000	3,317	0.6
25	3,916,000	3,214	0.5
26	36,940,000	3,461	5.3
27	0	3,312	0.0
28	0	12	0.0
29	0	12	0.0
30	7,785,000	2,868	0.9

Dec 2019 - WCEP Cooling Tower Emissions
SCAQMD Device Number N/A

Day	Daily Water Circulating Flow Rate (gal/day)	Circulating Circulating Water TDS Level (ppm)	Daily Emissions PM ₁₀ (lbs/day)
1	0	2,716	0.0
2	10,568,000	3,360	1.5
3	7,142,000	3,446	1.0
4	5,498,500	3,219	0.7
5	6,782,500	3,084	0.9
6	7,605,500	3,084	1.0
7	0	3,084	0.0
8	2,497,500	3,084	0.3
9	13,913,500	4,522	2.6
10	7,944,500	4,348	1.4
11	0	3,469	0.0
12	0	13	0.0
13	9,337,500	3,305	1.3
14	5,400,000	2,561	0.6
15	1,485,000	2,160	0.1
16	16,029,500	2,780	1.9
17	12,534,000	3,318	1.7
18	11,747,000	3,399	1.7
19	12,708,000	3,461	1.8
20	17,969,500	3,382	2.5
21	0	3,316	0.0
22	5,666,500	3,399	0.8
23	247,500	3,241	0.0
24	0	11	0.0
25	0	11	0.0
26	10,377,000	2,849	1.2
27	0	2,685	0.0
28	2,272,500	2,410	0.2
29	0	9	0.0
30	0	7	0.0
31	0	8	0.0

APPENDIX C – CEMS DOWNTIME SUMMARY

NSPS SUMMARY REPORT UNIT 1 – NOX EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One) : SO₂ NO_x TRS H₂S CO Opacity

Reporting period dates: From 7/1/2019 to 12/31/2019

Company: Walnut Creek Energy, LLC

Address: 911 Bixby Drive, City of Industry, CA 91745

Emission Limitation: 15 ppm NOx at 15% O2, rolling 4 hour average; 40 CFR 60 Subpart KKKK

Monitor Manufacturer: TAPI

Model No.: T200M/O2

Date of Latest CEMS Certification or Audit: 10/11/2019

Process Unit(s) Description: 891.7 MMBtu/hr Gas Turbine #1 with water injection and SCR


Total source operating time in reporting period¹: 829

Emission Data Summary ¹		CEMS Downtime Summary ¹	
1. Duration of excess emissions in period due to:		1. Duration of CEMS downtime in period due to:	
a. Start Up/Shut Down	0.0	a. Monitoring Equipment Malfunction	1.0
b. Control Equipment Failure	0.0	b. Non-Monitoring Equipment Malfunction	0.0
c. Process Problems	0.0	c. Quality Assurance	4.0
d. Other Known Excess Emissions Cause	0.0	d. Other Known Monitor Downtime Cause	0.0
e. Unknown Excess Emissions Cause	0.0	e. Unknown Monitor Downtime Cause	0.0
2. Total duration of excess emission	0.0	2. Total duration of CEMS downtime	5.0
3. Excess emission duration (%)	0.0	3. CEMS downtime (%)	0.60

1. For opacity, record all times in minutes. For gases, record all times in hours
 2 For the reporting period: If the total duration of excess emissions is 1% or greater of the total operating time or the total CEMS downtime is 5% or greater of the total operating time, both this summary report and the excess emissions report described in 40CFR60.7(c) shall be submitted.
 On a separate page, describe any changes since last quarter in CEMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Name: Rick McPherson

Signature:  Date: 1/28/20

Title: Plant Manager, Walnut Creek Energy, LLC

NSPS SUMMARY REPORT UNIT 2 – NOX EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One): SO₂ NO_x TRS H₂S CO Opacity

Reporting period dates: From 7/1/2019 to 12/31/2019

Company: Walnut Creek Energy, LLC

Address: 911 Bixby Drive, City of Industry, CA 91745

Emission Limitation: 15 ppm NOx at 15% O2, rolling 4 hour average; 40 CFR 60 Subpart KKKK

Monitor Manufacturer: TAPI

Model No.: T200M/O2

Date of Latest CEMS Certification or Audit: 10/15/2019

Process Unit(s) Description: 891.7 MMBtu/hr Gas Turbine #2 with water injection and SCR


Total source operating time in reporting period¹: 775

Emission Data Summary ¹		CEMS Downtime Summary ¹	
1. Duration of excess emissions in period due to:		1. Duration of CEMS downtime in period due to:	
a. Start Up/Shut Down	0.0	a. Monitoring Equipment Malfunction	2.0
b. Control Equipment Failure	0.0	b. Non-Monitoring Equipment Malfunction	0.0
c. Process Problems	0.0	c. Quality Assurance	3.0
d. Other Known Excess Emissions Cause	0.0	d. Other Known Monitor Downtime Cause	0.0
e. Unknown Excess Emissions Cause	0.0	e. Unknown Monitor Downtime Cause	0.0
2. Total duration of excess emission	0.0	2. Total duration of CEMS downtime	5.0
3. Excess emission duration (%)	0.0	3. CEMS downtime (%)	0.65

1. For opacity, record all times in minutes. For gases, record all times in hours
 2 For the reporting period: If the total duration of excess emissions is 1% or greater of the total operating time or the total CEMS downtime is 5% or greater of the total operating time, both this summary report and the excess emissions report described in 40CFR60.7(c) shall be submitted.
 On a separate page, describe any changes since last quarter in CEMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Name: Rick McPherson

Signature:  Date: 1/28/20

Title: Plant Manager, Walnut Creek Energy, LLC

NSPS SUMMARY REPORT UNIT 3 – NOX EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One): SO₂ NO_x TRS H₂S CO Opacity

Reporting period dates: From 7/1/2019 to 12/31/2019

Company: Walnut Creek Energy, LLC

Address: 911 Bixby Drive, City of Industry, CA 91745

Emission Limitation: 15 ppm NOx at 15% O₂, rolling 4 hour average; 40 CFR 60 Subpart KKKK

Monitor Manufacturer: TAPI

Model No.: T200M/O2

Date of Latest CEMS Certification or Audit: 10/16/2019

Process Unit(s) Description: 891.7 MMBtu/hr Gas Turbine #3 with water injection and SCR


Total source operating time in reporting period¹: 698

Emission Data Summary ¹		CEMS Downtime Summary ¹	
1. Duration of excess emissions in period due to:		1. Duration of CEMS downtime in period due to:	
a. Start Up/Shut Down	0.0	a. Monitoring Equipment Malfunction	2.0
b. Control Equipment Failure	0.0	b. Non-Monitoring Equipment Malfunction	0.0
c. Process Problems	0.0	c. Quality Assurance	2.0
d. Other Known Excess Emissions Cause	0.0	d. Other Known Monitor Downtime Cause	0.0
e. Unknown Excess Emissions Cause	0.0	e. Unknown Monitor Downtime Cause	0.0
2. Total duration of excess emission	0.0	2. Total duration of CEMS downtime	4.0
3. Excess emission duration (%)	0.0	3. CEMS downtime (%)	0.57

1. For opacity, record all times in minutes. For gases, record all times in hours
 2 For the reporting period: If the total duration of excess emissions is 1% or greater of the total operating time or the total CEMS downtime is 5% or greater of the total operating time, both this summary report and the excess emissions report described in 40CFR60.7(c) shall be submitted.
 On a separate page, describe any changes since last quarter in CEMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Name: Rick McPherson

Signature:  Date: 1/28/20

Title: Plant Manager, Walnut Creek Energy, LLC

NSPS SUMMARY REPORT UNIT 4 – NOX EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One): SO₂ NO_x TRS H₂S CO Opacity

Reporting period dates: From 7/1/2019 to 12/31/2019

Company: Walnut Creek Energy, LLC

Address: 911 Bixby Drive, City of Industry, CA 91745

Emission Limitation: 15 ppm NOx at 15% O2, rolling 4 hour average; 40 CFR 60 Subpart KKKK

Monitor Manufacturer: TAPI

Model No.: T200M/O2

Date of Latest CEMS Certification or Audit: 10/10/2019

Process Unit(s) Description: 891.7 MMBtu/hr Gas Turbine #4 with water injection and SCR


Total source operating time in reporting period¹: 865

Emission Data Summary¹		CEMS Downtime Summary¹	
1. Duration of excess emissions in period due to:		1. Duration of CEMS downtime in period due to:	
a. Start Up/Shut Down	0.0	a. Monitoring Equipment Malfunction	2.0
b. Control Equipment Failure	0.0	b. Non-Monitoring Equipment Malfunction	1.0
c. Process Problems	0.0	c. Quality Assurance	2.0
d. Other Known Excess Emissions Cause	0.0	d. Other Known Monitor Downtime Cause	0.0
e. Unknown Excess Emissions Cause	0.0	e. Unknown Monitor Downtime Cause	0.0
2. Total duration of excess emission	0.0	2. Total duration of CEMS downtime	5.0
3. Excess emission duration (%)	0.0	3. CEMS downtime (%)	0.58

1. For opacity, record all times in minutes. For gases, record all times in hours
 2 For the reporting period: If the total duration of excess emissions is 1% or greater of the total operating time or the total CEMS downtime is 5% or greater of the total operating time, both this summary report and the excess emissions report described in 40CFR60.7(c) shall be submitted.
 On a separate page, describe any changes since last quarter in CEMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Name: Rick McPherson

Signature:  Date: 1/28/20

Title: Plant Manager, Walnut Creek Energy, LLC

NSPS SUMMARY REPORT UNIT 5 – NOX EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One): SO₂ NO_x TRS H₂S CO Opacity

Reporting period dates: From 7/1/2019 to 12/31/2019

Company: Walnut Creek Energy, LLC

Address: 911 Bixby Drive, City of Industry, CA 91745

Emission Limitation: 15 ppm NOx at 15% O2, rolling 4 hour average; 40 CFR 60 Subpart KKKK

Monitor Manufacturer: TAPI

Model No.: T200M/O2

Date of Latest CEMS Certification or Audit: 10/9/2019

Process Unit(s) Description: 891.7 MMBtu/hr Gas Turbine #5 with water injection and SCR


Total source operating time in reporting period¹: 902

Emission Data Summary ¹		CEMS Downtime Summary ¹	
1. Duration of excess emissions in period due to:		1. Duration of CEMS downtime in period due to:	
a. Start Up/Shut Down	0.0	a. Monitoring Equipment Malfunction	1.0
b. Control Equipment Failure	0.0	b. Non-Monitoring Equipment Malfunction	0.0
c. Process Problems	0.0	c. Quality Assurance	1.0
d. Other Known Excess Emissions Cause	0.0	d. Other Known Monitor Downtime Cause	0.0
e. Unknown Excess Emissions Cause	0.0	e. Unknown Monitor Downtime Cause	0.0
2. Total duration of excess emission	0.0	2. Total duration of CEMS downtime	2.0
3. Excess emission duration (%)	0.0	3. CEMS downtime (%)	0.22

1. For opacity, record all times in minutes. For gases, record all times in hours
 2 For the reporting period: If the total duration of excess emissions is 1% or greater of the total operating time or the total CEMS downtime is 5% or greater of the total operating time, both this summary report and the excess emissions report described in 40CFR60.7(c) shall be submitted.
 On a separate page, describe any changes since last quarter in CEMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Name: Rick McPherson

Signature:  Date: 1/28/20

Title: Plant Manager, Walnut Creek Energy, LLC

SCAQMD RULE 218 SUMMARY REPORT UNIT 1 – EXCESS CO EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One): SO₂ NO_x TRS H₂S CO Opacity

Reporting period dates: From 7/1/2019 to 12/31/2019

Company: Walnut Creek Energy, LLC

Address: 911 Bixby Drive, City of Industry, CA 91745

Emission Limitation: 4.0 ppm CO at 15% Oxygen, averaged over 60 minutes

Monitor Manufacturer: TAPI

Model No.: T300

Date of Latest CEMS Certification or Audit: 10/11/2019

Process Unit(s) Description: 891.7 MMBtu/hr Gas Turbine #1 with water injection and SCR


Total source operating time in reporting period¹: 829

Emission Data Summary ¹		CEMS Downtime Summary ¹	
1. Duration of excess emissions in period due to:		1. Duration of CEMS downtime in period due to:	
a. Start Up/Shut Down	0.0	a. Monitoring Equipment Malfunction	1.0
b. Control Equipment Failure	0.0	b. Non-Monitoring Equipment Malfunction	0.0
c. Process Problems	0.0	c. Quality Assurance	4.0
d. Other Known Excess Emissions Cause	0.0	d. Other Known Monitor Downtime Cause	0.0
e. Unknown Excess Emissions Cause	0.0	e. Unknown Monitor Downtime Cause	0.0
2. Total duration of excess emission	0.0	2. Total duration of CEMS downtime	5.0
3. Excess emission duration (%)	0.0	3. CEMS downtime (%)	0.60

1. For opacity, record all times in minutes. For gases, record all times in hours
 On a separate page, describe any changes since last quarter in CEMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Name: Rick McPherson

Signature:  Date: 1/28/20

Title: Plant Manager, Walnut Creek Energy, LLC

SCAQMD RULE 218 SUMMARY REPORT UNIT 2 – EXCESS CO EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One): SO₂ NO_x TRS H₂S CO Opacity

Reporting period dates: From 7/1/2019 to 12/31/2019

Company: Walnut Creek Energy, LLC

Address: 911 Bixby Drive, City of Industry, CA 91745

Emission Limitation: 4.0 ppm CO at 15% Oxygen, averaged over 60 minutes

Monitor Manufacturer: TAPI

Model No.: T300

Date of Latest CEMS Certification or Audit: 10/15/2019

Process Unit(s) Description: 891.7 MMBtu/hr Gas Turbine #2 with water injection and SCR


Total source operating time in reporting period¹: 775

Emission Data Summary¹		CEMS Downtime Summary¹	
1. Duration of excess emissions in period due to:		1. Duration of CEMS downtime in period due to:	
a. Start Up/Shut Down	0.0	a. Monitoring Equipment Malfunction	3.0
b. Control Equipment Failure	0.0	b. Non-Monitoring Equipment Malfunction	0.0
c. Process Problems	0.0	c. Quality Assurance	4.0
d. Other Known Excess Emissions Cause	0.0	d. Other Known Monitor Downtime Cause	2.0
e. Unknown Excess Emissions Cause	0.0	e. Unknown Monitor Downtime Cause	0.0
2. Total duration of excess emission	0.0	2. Total duration of CEMS downtime	9.0
3. Excess emission duration (%)	0.0	3. CEMS downtime (%)	1.16

1. For opacity, record all times in minutes. For gases, record all times in hours
 On a separate page, describe any changes since last quarter in CEMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Name: Rick McPherson

Signature:  Date: 1/28/20

Title: Plant Manager, Walnut Creek Energy, LLC

SCAQMD RULE 218 SUMMARY REPORT UNIT 3 – EXCESS CO EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One): SO₂ NO_x TRS H₂S CO Opacity

Reporting period dates: From 7/1/2019 to 12/31/2019

Company: Walnut Creek Energy, LLC

Address: 911 Bixby Drive, City of Industry, CA 91745

Emission Limitation: 4.0 ppm CO at 15% Oxygen, averaged over 60 minutes

Monitor Manufacturer: TAPI

Model No.: T300

Date of Latest CEMS Certification or Audit: 10/15/2019

Process Unit(s) Description: 891.7 MMBtu/hr Gas Turbine #3 with water injection and SCR


Total source operating time in reporting period¹: 698

Emission Data Summary¹		CEMS Downtime Summary¹	
1. Duration of excess emissions in period due to:		1. Duration of CEMS downtime in period due to:	
a. Start Up/Shut Down	0.0	a. Monitoring Equipment Malfunction	2.0
b. Control Equipment Failure	0.0	b. Non-Monitoring Equipment Malfunction	0.0
c. Process Problems	0.0	c. Quality Assurance	2.0
d. Other Known Excess Emissions Cause	0.0	d. Other Known Monitor Downtime Cause	0.0
e. Unknown Excess Emissions Cause	0.0	e. Unknown Monitor Downtime Cause	0.0
2. Total duration of excess emission	0.0	2. Total duration of CEMS downtime	4.0
3. Excess emission duration (%)	0.0	3. CEMS downtime (%)	0.57

1. For opacity, record all times in minutes. For gases, record all times in hours
 On a separate page, describe any changes since last quarter in CEMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Name: Rick McPherson

Signature:  Date: 1/28/20

Title: Plant Manager, Walnut Creek Energy, LLC

SCAQMD RULE 218 SUMMARY REPORT UNIT 4 – EXCESS CO EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One): SO₂ NO_x TRS H₂S CO Opacity

Reporting period dates: From 7/1/2019 to 12/31/2019

Company: Walnut Creek Energy, LLC

Address: 911 Bixby Drive, City of Industry, CA 91745

Emission Limitation: 4.0 ppm CO at 15% Oxygen, averaged over 60 minutes

Monitor Manufacturer: TAPI

Model No.: T300

Date of Latest CEMS Certification or Audit: 10/10/2019

Process Unit(s) Description: 891.7 MMBtu/hr Gas Turbine #4 with water injection and SCR


Total source operating time in reporting period¹: 865

Emission Data Summary¹		CEMS Downtime Summary¹	
1. Duration of excess emissions in period due to:		1. Duration of CEMS downtime in period due to:	
a. Start Up/Shut Down	0.0	a. Monitoring Equipment Malfunction	2.0
b. Control Equipment Failure	0.0	b. Non-Monitoring Equipment Malfunction	1.0
c. Process Problems	0.0	c. Quality Assurance	2.0
d. Other Known Excess Emissions Cause	0.0	d. Other Known Monitor Downtime Cause	4.0
e. Unknown Excess Emissions Cause	0.0	e. Unknown Monitor Downtime Cause	0.0
2. Total duration of excess emission	0.0	2. Total duration of CEMS downtime	9.0
3. Excess emission duration (%)	0.0	3. CEMS downtime (%)	1.04

1. For opacity, record all times in minutes. For gases, record all times in hours
 On a separate page, describe any changes since last quarter in CEMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Name: Rick McPherson

Signature:  Date: 1/28/20

Title: Plant Manager, Walnut Creek Energy, LLC

SCAQMD RULE 218 SUMMARY REPORT UNIT 5 – EXCESS CO EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One): SO₂ NO_x TRS H₂S CO Opacity

Reporting period dates: From 7/1/2019 to 12/31/2019

Company: Walnut Creek Energy, LLC

Address: 911 Bixby Drive, City of Industry, CA 91745

Emission Limitation: 4.0 ppm CO at 15% Oxygen, averaged over 60 minutes

Monitor Manufacturer: TAPI

Model No.: T300

Date of Latest CEMS Certification or Audit: 10/9/2019

Process Unit(s) Description: 891.7 MMBtu/hr Gas Turbine #5 with water injection and SCR


Total source operating time in reporting period¹: 902

Emission Data Summary¹		CEMS Downtime Summary¹	
1. Duration of excess emissions in period due to:		1. Duration of CEMS downtime in period due to:	
a. Start Up/Shut Down	0.0	a. Monitoring Equipment Malfunction	1.0
b. Control Equipment Failure	0.0	b. Non-Monitoring Equipment Malfunction	0.0
c. Process Problems	0.0	c. Quality Assurance	1.0
d. Other Known Excess Emissions Cause	0.0	d. Other Known Monitor Downtime Cause	0.0
e. Unknown Excess Emissions Cause	0.0	e. Unknown Monitor Downtime Cause	0.0
2. Total duration of excess emission	0.0	2. Total duration of CEMS downtime	2.0
3. Excess emission duration (%)	0.0	3. CEMS downtime (%)	0.22

1. For opacity, record all times in minutes. For gases, record all times in hours
 On a separate page, describe any changes since last quarter in CEMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Name: Rick McPherson

Signature:  Date: 1/28/20

Title: Plant Manager, Walnut Creek Energy, LLC

**APPENDIX D – TITLE V DEVIATION REPORTS OR NOTICE OF VIOLATION
RECEIVED**

STATEMENT OF DEVIATIONS OR NOTICE OF VIOLATION RECEIVED

There were no deviations or notices of violations received during the 4th Quarter 2019 operations of Walnut Creek Energy, LLC.

APPENDIX E – HOURLY AMMONIA SLIP LEVELS FOR UNITS 1 TO 5

Average Values Report
Generated: 1/8/2020 10:06

Company: Walnut Creek Energy, LLC
Plant: 911 Bixby Drive
City/St: City of Industry, CA 91745
Source: Facility

Period Start: 10/1/2019 00:00
Period End: 12/31/2019 23:59
Validation Type: 1/60 min
Averaging Period: 1 hr
Type: Block Avg

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/01/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/01/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/02/2019 16:00	5.68 P	-0.17 P	5.40 P	6.50 P	6.98 P
10/02/2019 17:00	14.69 ?	14.04 ?	15.34 ?	13.92 ?	14.69 ?
10/02/2019 18:00	15.26	14.84	15.51	13.81	15.00
10/02/2019 19:00	19.16 C	10.39 C	8.31 P	13.67 C	16.78 C
10/02/2019 20:00	1.03 P	10.99	0.00 P	14.00	1.25 P
10/02/2019 21:00	0.00 P	9.94 ?	0.00 P	13.40 ?	0.00 P
10/02/2019 22:00	0.00 P	1.50 P	0.00 P	1.02 P	0.00 P
10/02/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/03/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/03/2019 16:00	0.00 P	0.00 P	0.00 P	8.24 P	0.00 P
10/03/2019 17:00	3.71 P	0.00 P	0.00 P	14.48 ?	14.43 ?
10/03/2019 18:00	10.74 ?	0.00 P	0.00 P	14.85 C	19.14 C
10/03/2019 19:00	4.98 P	0.00 P	0.00 P	7.78 P	30.09 C
10/03/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	37.73
10/03/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	39.97 ?
10/03/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	4.77 P
10/03/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 17:00	11.82 P	0.00 P	12.50 P	5.24 P	5.47 P
10/04/2019 18:00	17.32 ?	0.00 P	16.30 ?	9.82 P	9.98 P
10/04/2019 19:00	10.22 ?	0.00 P	1.05 P	0.00 P	0.00 P
10/04/2019 20:00	0.80 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/04/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/05/2019 16:00	6.58 P	4.50 P	6.82 P	7.22 P	7.20 P
10/05/2019 17:00	12.58 C	12.73 C	13.60 C	13.11 C	12.94 C
10/05/2019 18:00	15.03 C	9.89 P	15.01 C	13.79 C	15.68 C
10/05/2019 19:00	5.20 P	0.00 P	18.03	15.33	15.85
10/05/2019 20:00	0.00 P	0.00 P	10.29 P	5.40 P	27.32 ?
10/05/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	5.23 P
10/05/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/05/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 16:00	5.48 P	2.74 P	5.76 P	-0.30 P	-0.23 P
10/06/2019 17:00	14.45 ?	15.04 ?	15.55 ?	12.77 ?	14.55 ?
10/06/2019 18:00	17.99 C	17.25 C	16.88 C	14.55 C	17.22 C
10/06/2019 19:00	18.31 C	17.39 C	2.16 P	15.66 C	16.10 C
10/06/2019 20:00	1.57 P	0.97 P	0.00 P	2.07 P	1.79 P
10/06/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/06/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 15:00	-0.08 P	-0.13 P	-0.14 P	7.40 P	0.00 P
10/07/2019 16:00	15.42 ?	15.56 ?	6.73 P	14.84 ?	14.85 ?
10/07/2019 17:00	14.02 C	14.64 C	0.00 P	13.80 C	14.64 C
10/07/2019 18:00	17.22 C	16.47 C	0.00 P	16.17 C	16.68 C
10/07/2019 19:00	0.72 P	0.59 P	0.00 P	0.93 P	2.54 P
10/07/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/07/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/08/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	20.96 P
10/08/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	34.39 ?
10/08/2019 17:00	0.00 P	0.00 P	0.00 P	5.38 P	4.07 P
10/08/2019 18:00	0.00 P	0.00 P	0.00 P	10.54 P	0.00 P
10/08/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/08/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 16:00	5.59 P	5.70 P	0.00 P	7.58 P	6.83 P
10/09/2019 17:00	15.39 ?	15.63 ?	0.00 P	14.46 ?	14.76 C
10/09/2019 18:00	14.78 C	14.58 C	0.00 P	13.51 C	14.46 C
10/09/2019 19:00	5.09 P	3.28 P	0.00 P	14.25 C	16.62 C
10/09/2019 20:00	0.00 P	0.00 P	0.00 P	1.65 P	1.12 P
10/09/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/09/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/10/2019 16:00	-0.09 P	5.27 P	0.00 P	5.63 P	8.12 P
10/10/2019 17:00	13.85 ?	15.14 ?	0.00 P	12.38 C	14.38 ?
10/10/2019 18:00	16.05 C	15.97 C	0.00 P	13.18 C	14.79 C
10/10/2019 19:00	3.73 P	9.95 C	0.00 P	12.37 C	3.58 P
10/10/2019 20:00	0.00 P	11.07	0.00 P	2.70 P	20.15 P
10/10/2019 21:00	0.00 P	10.88 ?	0.00 P	0.00 P	51.17 ?
10/10/2019 22:00	0.00 P	1.77 P	0.00 P	0.00 P	60.34
10/10/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	59.89 ?
10/11/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	6.99 P
10/11/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/11/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/11/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/11/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/11/2019 05:00	0.00 P	7.06 P	0.00 P	0.00 P	0.00 P
10/11/2019 06:00	0.00 P	14.76 ?	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/11/2019 07:00	0.00 P	10.82 ?	0.00 P	0.00 P	0.00 P
10/11/2019 08:00	0.00 P	2.46 P	0.00 P	0.00 P	0.00 P
10/11/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/11/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/11/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/11/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/11/2019 13:00	2.11 P	0.00 P	0.00 P	2.56 P	2.99 P
10/11/2019 14:00	10.05 ?	-0.34 P	0.00 P	10.56 ?	10.05 ?
10/11/2019 15:00	7.71 C	16.46 ?	0.00 P	9.54 C	5.63 P
10/11/2019 16:00	16.55 C	17.05	0.00 P	13.12 C	12.10 ?
10/11/2019 17:00	11.73 C	12.84 C	0.00 P	12.42	12.87 C
10/11/2019 18:00	14.02 C	12.87 C	0.00 P	12.30 ?	13.00 C
10/11/2019 19:00	0.00 P	1.39 P	0.00 P	1.72 P	1.14 P
10/11/2019 20:00	0.00 P	0.00 P	0.00 P	17.89 ?	0.00 P
10/11/2019 21:00	0.00 P	0.00 P	0.00 P	6.79 P	0.00 P
10/11/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/11/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 16:00	0.00 P	-0.31 P	0.00 P	-0.29 P	-0.15 P
10/12/2019 17:00	13.35 ?	13.92 ?	0.00 P	12.39 ?	13.81 ?
10/12/2019 18:00	19.37 ?	19.40 ?	0.00 P	15.03 ?	15.61 ?
10/12/2019 19:00	2.05 P	3.92 P	0.00 P	0.98 P	0.91 P
10/12/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/12/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 16:00	-0.18 P	7.11 P	5.76 P	5.98 P	8.99 P
10/13/2019 17:00	13.60 ?	18.23 ?	5.55 P	14.53 ?	15.01 ?
10/13/2019 18:00	16.40	17.86	0.00 P	14.73	16.20
10/13/2019 19:00	3.80 P	3.51 P	0.00 P	3.55 P	4.39 P
10/13/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/13/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/13/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 15:00	-0.09 P	-0.23 P	0.00 P	8.21 P	0.00 P
10/14/2019 16:00	15.29 ?	15.55 ?	0.00 P	14.63 ?	14.79 ?
10/14/2019 17:00	15.56 C	15.00	7.20 ?	12.95 C	16.71 C
10/14/2019 18:00	15.94 C	16.34 C	2.60 P	4.23 P	30.45 C
10/14/2019 19:00	3.77 P	3.06 P	0.00 P	15.66 ?	15.71 ?
10/14/2019 20:00	0.00 P	0.00 P	0.00 P	4.58 P	1.05 P
10/14/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/14/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/15/2019 11:00	0.00 P	1.96 P	1.99 P	0.00 P	0.00 P
10/15/2019 12:00	1.50 P	10.67 ?	9.85 ?	0.00 P	0.00 P
10/15/2019 13:00	17.72 ?	7.48	17.42 ?	9.61 P	15.22 ?
10/15/2019 14:00	3.60 P	7.99	1.00 P	11.72 ?	2.76 P
10/15/2019 15:00	14.57 ?	14.70 C	6.27 P	13.57 C	8.54 P
10/15/2019 16:00	15.39 C	16.16 C	16.11 C	14.28 C	13.83 C
10/15/2019 17:00	13.29	10.46 C	13.87	13.57	12.54
10/15/2019 18:00	15.03	16.52 C	15.84	14.69	14.51
10/15/2019 19:00	9.56	8.91 C	9.86	16.79 ?	17.20 ?
10/15/2019 20:00	10.08 ?	10.76 C	10.01 C	1.28 P	0.84 P
10/15/2019 21:00	1.03 P	11.20	2.07 P	0.00 P	0.00 P
10/15/2019 22:00	0.00 P	11.11 ?	0.00 P	0.00 P	0.00 P
10/15/2019 23:00	0.00 P	2.35 P	0.00 P	0.00 P	0.00 P
10/16/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/16/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/16/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/16/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/16/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/16/2019 05:00	0.00 P	7.32 P	6.74 P	0.00 P	0.00 P
10/16/2019 06:00	0.00 P	12.94 P	13.12 P	0.00 P	0.00 P
10/16/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/16/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/16/2019 09:00	0.00 P	0.00 P	0.00 P	-0.06 P	4.47 P
10/16/2019 10:00	8.79 P	0.00 P	6.28 P	12.36 ?	12.19 ?
10/16/2019 11:00	16.87 ?	0.00 P	15.85 ?	12.73	11.89
10/16/2019 12:00	16.63	0.00 P	13.38	13.11	12.71
10/16/2019 13:00	8.06 C	0.00 P	17.66 C	7.44 C	13.82 C
10/16/2019 14:00	15.08 C	0.00 P	8.02 C	15.47 C	8.96 C

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/16/2019 15:00	18.79	0.00 P	8.69 C	4.56 P	30.26
10/16/2019 16:00	12.08	7.00 P	13.06 C	12.68 ?	11.68
10/16/2019 17:00	14.10	12.71 ?	14.48	15.51	15.05
10/16/2019 18:00	12.27 P	11.88 P	17.90	17.35	17.88
10/16/2019 19:00	0.00 P	0.00 P	11.06 P	16.88	5.32 P
10/16/2019 20:00	0.00 P	0.00 P	0.00 P	14.62	0.00 P
10/16/2019 21:00	0.00 P	0.00 P	0.00 P	14.83 ?	0.00 P
10/16/2019 22:00	0.00 P	0.00 P	0.00 P	1.51 P	0.00 P
10/16/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 16:00	-0.17 P	-0.14 P	0.00 P	-0.12 P	34.34 ?
10/17/2019 17:00	14.19 C	14.17 C	7.67 P	14.11 C	16.64 C
10/17/2019 18:00	17.62 C	12.55 P	12.80 P	15.77 C	16.60 C
10/17/2019 19:00	10.29 P	0.00 P	0.00 P	5.03 P	5.74 P
10/17/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/17/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 04:00	1.93 P	1.81 P	0.00 P	2.80 P	3.27 P
10/18/2019 05:00	12.73 ?	11.70 ?	8.31 P	12.66 ?	11.51 ?
10/18/2019 06:00	5.42 P	9.34 P	9.82 P	8.73 P	17.74 ?
10/18/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	4.50 P
10/18/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 15:00	5.87 P	-0.25 P	-0.22 P	7.86 P	0.00 P
10/18/2019 16:00	13.16 ?	16.17 ?	16.05 ?	14.25 ?	16.27 ?
10/18/2019 17:00	13.28 C	17.27 C	17.81 C	15.30 C	16.88 C
10/18/2019 18:00	13.33 ?	3.56 P	18.04 C	3.92 P	31.37 C
10/18/2019 19:00	1.05 P	0.00 P	1.21 P	0.00 P	2.79 P
10/18/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/18/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/19/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	7.30 P
10/19/2019 16:00	5.50 P	6.87 P	6.48 P	0.00 P	35.82 ?
10/19/2019 17:00	13.00 ?	17.78 ?	17.88 ?	11.07 P	22.73 C
10/19/2019 18:00	7.76 P	9.57 P	4.76 P	8.54 P	30.90 C
10/19/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	15.99 P
10/19/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/19/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	20.77 P
10/20/2019 16:00	6.15 P	6.88 P	6.81 P	N/A ?	29.22 ?
10/20/2019 17:00	16.59 ?	12.85 ?	13.90 ?	0.00 P	30.23
10/20/2019 18:00	10.43 P	10.32 P	8.35 P	0.00 P	29.99 C
10/20/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	35.70 C
10/20/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	4.48 P
10/20/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/20/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 11:00	0.00 P	-0.19 P	-0.11 P	0.00 P	0.00 P
10/21/2019 12:00	0.00 P	12.98 ?	13.96 ?	0.00 P	35.08 ?
10/21/2019 13:00	0.00 P	2.12 P	3.00 P	0.00 P	10.11 P
10/21/2019 14:00	0.00 P	0.00 P	0.00 P	5.70 P	0.00 P
10/21/2019 15:00	0.00 P	0.00 P	0.00 P	6.61 P	0.00 P
10/21/2019 16:00	0.00 P	-0.28 P	0.00 P	-0.11 P	0.00 P
10/21/2019 17:00	5.86 P	7.98 ?	0.00 P	11.14 ?	7.02 P
10/21/2019 18:00	5.17 P	2.98 P	0.00 P	4.35 P	10.70 P
10/21/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/21/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/21/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 11:00	-0.31 P	0.00 P	0.00 P	-0.15 P	-0.13 P
10/22/2019 12:00	13.87 ?	10.09 P	2.16 P	12.33 ?	12.03 ?
10/22/2019 13:00	16.96 C	16.10 C	17.96 C	12.84 C	12.35 C
10/22/2019 14:00	16.39	4.98 P	16.42	5.36 P	24.87
10/22/2019 15:00	13.80	16.05 ?	18.30	12.93 ?	12.05
10/22/2019 16:00	15.25	14.49	15.87	12.84	14.45
10/22/2019 17:00	17.18	16.55	18.58	14.26	17.22
10/22/2019 18:00	9.95	8.78	9.66 ?	11.73	7.45 P
10/22/2019 19:00	3.41 P	2.99 P	1.06 P	4.37 P	0.00 P
10/22/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/22/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 05:00	0.00 P	5.96 P	0.00 P	6.65 P	7.16 P
10/23/2019 06:00	0.00 P	13.54 P	0.00 P	14.48 ?	13.77 P
10/23/2019 07:00	0.00 P	0.00 P	0.00 P	13.19	0.00 P
10/23/2019 08:00	0.00 P	0.00 P	0.00 P	14.82	0.00 P
10/23/2019 09:00	0.00 P	0.00 P	0.00 P	13.36 C	0.00 P
10/23/2019 10:00	0.00 P	0.00 P	0.00 P	1.13 P	0.00 P
10/23/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 14:00	-0.26 P	-0.37 P	7.11 P	-0.13 P	-0.25 P
10/23/2019 15:00	15.30 ?	14.89 ?	17.98 ?	14.58 ?	16.18 ?
10/23/2019 16:00	15.09	14.46	16.09	13.96	15.04
10/23/2019 17:00	5.11 P	8.62 P	8.56 P	8.36 P	6.93 P
10/23/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/23/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	N/A ?
10/24/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019 05:00	0.00 P	0.00 P	0.00 P	6.86 P	0.00 P
10/24/2019 06:00	0.00 P	0.00 P	0.00 P	13.26 P	0.00 P
10/24/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019 08:00	-0.27 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019 09:00	15.87 ?	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019 10:00	4.43 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019 11:00	0.00 P	0.00 P	0.00 P	-0.49 P	0.00 P
10/24/2019 12:00	-0.32 P	5.50 P	0.00 P	12.63 ?	5.73 P
10/24/2019 13:00	13.32 C	10.97 C	-0.34 P	2.73 P	19.16 C
10/24/2019 14:00	15.80 C	2.57 P	0.36 P	0.00 P	36.40 C

Period Start:		Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/24/2019	15:00	15.79	7.80 P	0.00 P	0.00 P	36.05
10/24/2019	16:00	16.41	14.61 ?	0.00 P	0.00 P	37.69
10/24/2019	17:00	10.12	8.20	3.93 P	0.00 P	31.45
10/24/2019	18:00	6.24 P	6.52 P	8.92 P	0.00 P	21.62 P
10/24/2019	19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019	20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019	21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019	22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/24/2019	23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	05:00	0.00 P	3.45 P	0.00 P	0.00 P	16.57 P
10/25/2019	06:00	0.00 P	13.40 ?	0.00 P	0.00 P	31.40 P
10/25/2019	07:00	0.00 P	11.30 ?	0.00 P	0.00 P	0.00 P
10/25/2019	08:00	0.00 P	0.84 P	0.00 P	0.00 P	0.00 P
10/25/2019	09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	11:00	0.00 P	0.00 P	0.00 P	-0.12 P	-0.22 P
10/25/2019	12:00	0.00 P	0.00 P	0.00 P	12.24 ?	13.44 ?
10/25/2019	13:00	0.00 P	0.00 P	0.00 P	13.01 ?	1.98 P
10/25/2019	14:00	0.00 P	0.00 P	0.00 P	0.81 P	0.00 P
10/25/2019	15:00	3.64 P	3.68 P	1.49 P	11.15 ?	0.00 P
10/25/2019	16:00	14.36 ?	13.85 ?	15.26 ?	12.10	0.00 P
10/25/2019	17:00	16.35 C	15.76 C	17.24 C	13.51 C	0.00 P
10/25/2019	18:00	4.55 P	4.47 P	4.70 P	9.58 P	0.00 P
10/25/2019	19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/25/2019	23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	04:00	N/A ?	N/A ?	N/A ?	N/A ?	N/A ?
10/26/2019	05:00	N/A ?	N/A ?	N/A ?	N/A ?	N/A ?
10/26/2019	06:00	N/A ?	N/A ?	N/A ?	N/A ?	N/A ?
10/26/2019	07:00	N/A ?	N/A ?	N/A ?	N/A ?	N/A ?
10/26/2019	08:00	N/A ?	N/A ?	N/A ?	N/A ?	N/A ?
10/26/2019	09:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
10/26/2019	10:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
10/26/2019	11:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
10/26/2019	12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	15:00	0.00 P	0.00 P	0.00 P	0.00 P	23.08 P
10/26/2019	16:00	-0.19 P	0.00 P	1.98 P	0.00 P	44.53 ?
10/26/2019	17:00	14.21 ?	0.00 P	10.29 ?	0.00 P	41.58 ?
10/26/2019	18:00	3.86 P	0.00 P	0.83 P	0.00 P	3.99 P
10/26/2019	19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/26/2019	23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019	00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019	01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019	02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019	03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019	04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019	05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019	06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/27/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 16:00	1.51 P	0.00 P	0.00 P	-0.23 P	2.45 P
10/27/2019 17:00	11.95 ?	0.00 P	10.22 P	-0.10 P	26.07 ?
10/27/2019 18:00	17.02 C	0.00 P	16.60 C	0.00 P	40.55 C
10/27/2019 19:00	-0.08 P	0.00 P	0.40 P	0.00 P	2.37 P
10/27/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/27/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 05:00	0.00 P	0.00 P	6.61 P	0.00 P	17.51 P
10/28/2019 06:00	0.00 P	0.00 P	14.48 P	0.00 P	35.79 P
10/28/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 12:00	0.00 P	0.00 P	0.00 P	8.47 P	0.00 P
10/28/2019 13:00	0.00 P	0.00 P	0.00 P	6.60 P	0.00 P
10/28/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/28/2019 15:00	1.58 P	1.34 P	0.00 P	3.53 P	16.35 P
10/28/2019 16:00	16.26 ?	12.06 ?	6.11 P	14.83 ?	15.70 ?
10/28/2019 17:00	15.75	17.29	16.92 ?	17.67	16.49
10/28/2019 18:00	15.63 C	16.61 C	16.46 C	17.15 C	16.04 C
10/28/2019 19:00	13.06 C	13.24 C	9.91 P	14.66 C	13.14 C
10/28/2019 20:00	4.66 P	4.06 P	0.00 P	17.43	5.01 P
10/28/2019 21:00	0.00 P	0.00 P	0.00 P	13.09 ?	0.00 P
10/28/2019 22:00	0.00 P	0.00 P	0.00 P	1.68 P	0.00 P
10/28/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 04:00	0.00 P	0.00 P	0.00 P	2.44 P	0.00 P
10/29/2019 05:00	0.00 P	6.69 P	0.00 P	11.46 P	9.38 P
10/29/2019 06:00	0.00 P	14.13 P	0.00 P	0.00 P	34.75 P
10/29/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 16:00	-0.11 P	0.00 P	0.00 P	0.00 P	0.00 P
10/29/2019 17:00	14.18 ?	13.66 ?	10.21 P	0.00 P	37.49 ?
10/29/2019 18:00	16.34 C	17.01	17.49 ?	0.00 P	40.17 C
10/29/2019 19:00	11.31 P	17.52 C	13.98 P	0.00 P	28.91 P
10/29/2019 20:00	0.00 P	9.99	0.00 P	0.00 P	0.00 P
10/29/2019 21:00	0.00 P	10.03 ?	0.00 P	0.00 P	0.00 P
10/29/2019 22:00	0.00 P	1.58 P	0.00 P	0.00 P	0.00 P

Period Start:		Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
10/29/2019	23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	04:00	1.51 P	6.76 P	6.38 P	0.00 P	17.60 P
10/30/2019	05:00	16.92 ?	17.65 ?	17.65 ?	0.00 P	41.71 ?
10/30/2019	06:00	17.94 C	17.99 C	17.62 C	0.00 P	42.55 C
10/30/2019	07:00	3.53 P	5.02 P	5.26 P	0.00 P	16.36 P
10/30/2019	08:00	11.54 ?	11.58 ?	0.00 P	0.00 P	0.00 P
10/30/2019	09:00	0.98 P	5.58 P	0.00 P	0.00 P	0.00 P
10/30/2019	10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	16:00	0.00 P	0.00 P	6.24 P	5.98 P	7.31 P
10/30/2019	17:00	0.00 P	0.00 P	16.56 ?	14.56 ?	13.56 ?
10/30/2019	18:00	0.00 P	0.00 P	16.92	14.36 C	16.86
10/30/2019	19:00	0.00 P	0.00 P	17.74	14.88 C	16.45
10/30/2019	20:00	0.00 P	0.00 P	5.04 P	9.11 P	9.54 P
10/30/2019	21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/30/2019	23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	04:00	5.32 P	5.64 P	5.71 P	5.84 P	0.00 P
10/31/2019	05:00	15.22 C	15.19 C	16.34 C	13.27 C	13.56 C
10/31/2019	06:00	15.21 C	16.39 C	17.02 C	13.92 C	14.30 C
10/31/2019	07:00	5.17 P	5.43 P	4.91 P	4.89 P	4.53 P
10/31/2019	08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	16:00	1.79 P	1.85 P	1.99 P	2.67 P	0.00 P
10/31/2019	17:00	14.28 ?	13.60 ?	14.61 ?	13.88 ?	0.00 P
10/31/2019	18:00	0.48 P	2.18 P	0.58 P	0.64 P	0.00 P
10/31/2019	19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
10/31/2019	23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	05:00	0.00 P	9.82 P	5.62 P	0.00 P	16.68 P
11/01/2019	06:00	0.00 P	8.41 ?	13.75 P	0.00 P	34.64 P
11/01/2019	07:00	0.00 P	4.53 P	0.00 P	0.00 P	0.00 P
11/01/2019	08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019	14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
11/01/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/01/2019 16:00	0.00 P	-0.36 P	0.00 P	-0.08 P	31.90 ?
11/01/2019 17:00	7.91 P	10.24 ?	7.92 P	11.40 ?	15.84
11/01/2019 18:00	16.52 C	16.57 C	17.74 C	14.33 C	16.72 C
11/01/2019 19:00	5.65 P	14.36	0.65 P	13.22	4.49 P
11/01/2019 20:00	0.00 P	14.74	0.00 P	8.05 P	0.00 P
11/01/2019 21:00	0.00 P	9.16	0.00 P	0.00 P	0.00 P
11/01/2019 22:00	0.00 P	4.56 P	0.00 P	0.00 P	0.00 P
11/01/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 05:00	0.00 P	2.27 P	0.00 P	0.00 P	0.00 P
11/02/2019 06:00	0.00 P	17.32 ?	0.00 P	0.00 P	0.00 P
11/02/2019 07:00	0.00 P	0.30 P	0.00 P	0.00 P	0.00 P
11/02/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/02/2019 14:00	0.00 P	0.00 P	0.00 P	4.42 P	0.00 P
11/02/2019 15:00	5.68 P	6.24 P	6.34 P	13.05 ?	6.62 P
11/02/2019 16:00	15.57 C	15.86 C	16.17 C	13.04 C	13.54 C
11/02/2019 17:00	16.21	16.77	15.82	15.29	14.83
11/02/2019 18:00	14.11 P	13.19 P	13.99 P	15.38	15.98
11/02/2019 19:00	0.00 P	0.00 P	0.00 P	16.38	17.13
11/02/2019 20:00	0.00 P	0.00 P	-0.20 P	15.16	16.91
11/02/2019 21:00	0.00 P	0.00 P	16.66 ?	12.56 ?	9.38 P
11/02/2019 22:00	0.00 P	0.00 P	5.26 P	2.13 P	0.00 P
11/02/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 05:00	0.00 P	0.00 P	0.00 P	6.53 P	0.00 P
11/03/2019 06:00	0.00 P	0.00 P	0.00 P	12.34 P	0.00 P
11/03/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 15:00	-0.13 P	0.00 P	0.00 P	9.42 P	0.00 P
11/03/2019 16:00	12.64 ?	11.01 P	10.62 P	15.02 ?	13.72 ?
11/03/2019 17:00	15.96	16.54 ?	17.76 ?	15.17	15.74
11/03/2019 18:00	18.62 C	15.78 C	17.24 C	14.83 C	16.77 C
11/03/2019 19:00	18.51 C	15.86 C	17.25 C	14.48 C	17.17 C
11/03/2019 20:00	17.35 P	13.05 P	13.76 P	11.61 P	19.86
11/03/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	15.05 P
11/03/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/03/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/04/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/04/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/04/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/04/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/04/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/04/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/04/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
11/17/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/17/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/17/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/17/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/17/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/17/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/17/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/17/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/17/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/18/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 08:00	0.00 P	0.00 P	0.00 P	0.87 P	0.00 P
11/19/2019 09:00	0.00 P	0.00 P	0.00 P	13.64 P	0.00 P
11/19/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 16:00	-0.12 P	-0.26 P	-0.25 P	-0.08 P	-0.06 P
11/19/2019 17:00	14.59 ?	16.79 ?	10.90 ?	12.23 ?	13.06 ?
11/19/2019 18:00	16.71	18.76	15.86 ?	13.48	13.72
11/19/2019 19:00	3.19 P	8.66 P	0.93 P	5.75 P	3.66 P
11/19/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/19/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/20/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/20/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/20/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/20/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/20/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/20/2019 05:00	0.00 P	0.00 P	-0.17 P	5.14 P	5.22 P
11/20/2019 06:00	0.00 P	0.00 P	12.48 ?	8.94 P	14.46 ?

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
11/20/2019 07:00	0.00 P	0.00 P	12.43 C	0.00 P	32.76 C
11/20/2019 08:00	0.00 P	0.00 P	2.01 P	2.70 P	24.88 ?
11/20/2019 09:00	0.00 P	0.00 P	0.00 P	11.88 ?	0.87 P
11/20/2019 10:00	0.00 P	0.00 P	0.00 P	12.95 C	15.65 ?
11/20/2019 11:00	0.00 P	0.00 P	0.00 P	12.07 C	14.46
11/20/2019 12:00	0.00 P	0.00 P	0.00 P	11.63	12.82
11/20/2019 13:00	0.00 P	0.00 P	0.00 P	12.80	12.47
11/20/2019 14:00	0.00 P	0.00 P	0.00 P	11.90	13.21
11/20/2019 15:00	0.00 P	0.00 P	7.78 P	11.84	11.49
11/20/2019 16:00	0.00 P	0.00 P	7.68 ?	13.53	14.60
11/20/2019 17:00	0.00 P	10.88 P	13.63 ?	12.71	14.11
11/20/2019 18:00	0.00 P	11.57 ?	1.47 P	13.54	14.96
11/20/2019 19:00	0.00 P	0.34 P	0.00 P	8.28 P	8.51 P
11/20/2019 20:00	6.31 P	0.00 P	0.00 P	0.00 P	0.00 P
11/20/2019 21:00	12.98 ?	0.00 P	0.00 P	0.00 P	0.00 P
11/20/2019 22:00	0.74 P	0.00 P	0.00 P	0.00 P	0.00 P
11/20/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/21/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/21/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/21/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/21/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/21/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/21/2019 05:00	0.00 P	0.00 P	0.00 P	-0.16 P	0.00 P
11/21/2019 06:00	0.00 P	0.00 P	0.00 P	11.58 ?	0.00 P
11/21/2019 07:00	0.00 P	0.00 P	0.00 P	11.62	0.00 P
11/21/2019 08:00	0.00 P	0.00 P	0.00 P	11.07 C	0.00 P
11/21/2019 09:00	0.00 P	0.00 P	0.00 P	7.20 P	0.00 P
11/21/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/21/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/21/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/21/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/21/2019 14:00	0.00 P	5.90 P	0.00 P	0.00 P	0.00 P
11/21/2019 15:00	5.53 P	9.63 ?	5.21 P	-0.24 P	19.53 P
11/21/2019 16:00	13.55 ?	16.70 C	16.69 C	13.43 ?	11.38 ?
11/21/2019 17:00	15.36 C	14.09 C	14.16 C	12.83	13.42 C
11/21/2019 18:00	16.29	16.06	15.27	12.05	14.00
11/21/2019 19:00	8.79	7.99	15.56	14.13 ?	11.56 ?
11/21/2019 20:00	8.85	8.53	14.35 ?	0.84 P	1.32 P
11/21/2019 21:00	9.28	8.85	1.16 P	0.00 P	0.00 P
11/21/2019 22:00	9.77	9.12 ?	0.00 P	0.00 P	0.00 P
11/21/2019 23:00	10.64	1.44 P	0.00 P	0.00 P	0.00 P
11/22/2019 00:00	6.59 P	0.00 P	0.00 P	0.00 P	0.00 P
11/22/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/22/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/22/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/22/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/22/2019 05:00	0.00 P	-0.14 P	0.00 P	7.36 P	0.00 P
11/22/2019 06:00	0.00 P	9.79 ?	4.75 P	11.86 ?	10.04 ?
11/22/2019 07:00	0.00 P	7.91 P	11.21 ?	12.04	11.68
11/22/2019 08:00	0.00 P	0.00 P	9.51 C	11.03 C	10.00 C
11/22/2019 09:00	0.00 P	0.00 P	9.16 C	11.93 C	10.77 C
11/22/2019 10:00	3.97 P	0.00 P	6.89 P	12.53	11.84 ?
11/22/2019 11:00	8.32 P	0.00 P	0.00 P	7.18 P	0.85 P
11/22/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/22/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/22/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	23.98 P
11/22/2019 15:00	0.00 P	5.04 P	0.00 P	-0.09 P	36.13 ?
11/22/2019 16:00	10.19 P	12.00 ?	5.60 P	12.14 ?	12.67
11/22/2019 17:00	14.29 ?	13.72 ?	13.01 ?	12.88	14.13 ?
11/22/2019 18:00	12.62 C	0.35 P	15.42	11.85	0.90 P
11/22/2019 19:00	3.83 P	0.00 P	4.08 P	6.27 P	0.00 P
11/22/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/22/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/22/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
11/22/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 07:00	0.00 P	-0.05 P	0.00 P	-0.09 P	0.00 P
11/23/2019 08:00	0.00 P	10.00 ?	3.91 P	11.48 ?	0.00 P
11/23/2019 09:00	0.00 P	6.82 P	7.77 P	12.76 C	0.00 P
11/23/2019 10:00	0.00 P	0.00 P	0.00 P	13.69 C	0.00 P
11/23/2019 11:00	0.00 P	0.00 P	0.00 P	13.47	0.00 P
11/23/2019 12:00	0.00 P	0.00 P	0.00 P	13.51 ?	0.00 P
11/23/2019 13:00	0.00 P	0.00 P	0.00 P	0.87 P	0.00 P
11/23/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 15:00	0.00 P	0.00 P	0.00 P	3.48 P	0.00 P
11/23/2019 16:00	5.81 P	0.00 P	0.00 P	13.83 ?	6.42 P
11/23/2019 17:00	7.30 P	0.00 P	0.00 P	13.96	14.05 ?
11/23/2019 18:00	0.00 P	0.00 P	0.00 P	14.61 ?	15.05 C
11/23/2019 19:00	0.00 P	0.00 P	0.00 P	1.01 P	0.93 P
11/23/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/23/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 17:00	0.00 P	10.65 P	0.00 P	0.00 P	0.00 P
11/24/2019 18:00	0.00 P	9.07 C	0.00 P	0.00 P	0.00 P
11/24/2019 19:00	0.00 P	9.02 C	0.00 P	0.00 P	0.00 P
11/24/2019 20:00	0.00 P	0.83 P	0.00 P	0.00 P	0.00 P
11/24/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/24/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
11/25/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 17:00	3.95 P	0.00 P	0.00 P	5.03 P	0.00 P
11/25/2019 18:00	7.08 P	0.00 P	0.00 P	8.47 P	0.00 P
11/25/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/25/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/26/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/26/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/26/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/26/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/26/2019 04:00	0.00 P	0.00 P	0.00 P	-0.05 P	0.00 P
11/26/2019 05:00	0.00 P	0.00 P	0.00 P	10.48 ?	0.00 P
11/26/2019 06:00	0.00 P	3.12 P	3.24 P	10.87	0.00 P
11/26/2019 07:00	0.00 P	11.87 P	11.26 P	11.55 C	0.00 P
11/26/2019 08:00	0.00 P	0.00 P	0.00 P	11.95 ?	0.00 P
11/26/2019 09:00	0.00 P	0.00 P	-0.41 P	1.25 P	0.00 P
11/26/2019 10:00	0.00 P	0.00 P	12.03 C	0.00 P	0.00 P
11/26/2019 11:00	-0.24 P	0.00 P	13.17	0.00 P	0.00 P
11/26/2019 12:00	8.38 ?	0.00 P	12.57	0.00 P	0.00 P
11/26/2019 13:00	9.01 ?	0.00 P	11.87	0.00 P	0.00 P
11/26/2019 14:00	0.51 P	0.00 P	12.32	0.00 P	0.00 P
11/26/2019 15:00	4.30 P	0.00 P	12.22	5.33 P	0.00 P
11/26/2019 16:00	8.93 ?	0.00 P	12.17	11.64 ?	0.00 P
11/26/2019 17:00	9.56 P	0.00 P	12.88 ?	12.74	0.00 P
11/26/2019 18:00	0.00 P	0.00 P	0.88 P	13.07	0.00 P
11/26/2019 19:00	0.00 P	0.00 P	0.00 P	12.18	0.00 P
11/26/2019 20:00	0.00 P	0.00 P	0.00 P	11.96	0.00 P
11/26/2019 21:00	0.00 P	0.00 P	0.00 P	12.35	0.00 P
11/26/2019 22:00	0.00 P	0.00 P	0.00 P	12.19 ?	0.00 P
11/26/2019 23:00	0.00 P	0.00 P	0.00 P	1.05 P	0.00 P
11/27/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/27/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/28/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/28/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/28/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/28/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/28/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/28/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
11/28/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
11/30/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/01/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 16:00	-0.20 P	-0.38 P	6.19 P	-0.09 P	21.24 P
12/02/2019 17:00	13.59 ?	14.05 ?	14.75 ?	12.55 ?	14.61 ?
12/02/2019 18:00	16.15 C	18.51 C	16.71 C	14.83 C	15.72 C
12/02/2019 19:00	16.30	17.45 ?	16.64 ?	14.08	15.45
12/02/2019 20:00	5.25 P	1.10 P	1.18 P	4.62 P	5.43 P
12/02/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/02/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
12/03/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 16:00	1.78 P	3.63 P	0.00 P	-0.09 P	0.00 P
12/03/2019 17:00	11.13 ?	8.46 ?	0.00 P	12.87 ?	0.00 P
12/03/2019 18:00	1.14 P	1.89 P	0.00 P	15.34 ?	0.00 P
12/03/2019 19:00	0.00 P	0.00 P	0.00 P	1.37 P	0.00 P
12/03/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/03/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 16:00	1.73 P	5.08 P	-0.20 P	5.42 P	0.00 P
12/04/2019 17:00	12.02 ?	7.16 P	7.75 ?	8.44 P	0.00 P
12/04/2019 18:00	1.35 P	0.00 P	4.05 P	0.00 P	0.00 P
12/04/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/04/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 16:00	3.44 P	3.34 P	0.00 P	4.84 P	2.24 P
12/05/2019 17:00	15.09 ?	16.13 ?	9.61 P	11.82 ?	11.10 ?
12/05/2019 18:00	7.27 P	0.56 P	8.47 C	14.48 C	16.61 C
12/05/2019 19:00	0.00 P	0.00 P	0.26 P	0.95 P	8.17 P
12/05/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/05/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
12/06/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 16:00	1.25 P	1.18 P	1.69 P	0.00 P	5.94 P
12/06/2019 17:00	8.19 ?	7.91 ?	7.83 ?	0.00 P	30.45 ?
12/06/2019 18:00	1.25 P	0.89 P	1.41 P	0.00 P	4.45 P
12/06/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/06/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/07/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	14.37 P
12/08/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	36.70 ?
12/08/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	4.25 P
12/08/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/08/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
12/08/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 15:00	0.00 P	-0.24 P	0.00 P	0.00 P	0.00 P
12/09/2019 16:00	7.18 P	14.33 ?	-0.23 P	-0.08 P	-0.09 P
12/09/2019 17:00	16.71 ?	17.37	13.82 ?	12.30 ?	13.81 ?
12/09/2019 18:00	15.18 C	5.96 P	15.69 C	14.19 C	14.03 C
12/09/2019 19:00	15.58 ?	0.00 P	12.46 P	13.68 ?	14.09 ?
12/09/2019 20:00	1.05 P	0.00 P	0.00 P	1.03 P	2.00 P
12/09/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/09/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 09:00	0.00 P	0.00 P	0.00 P	N/A ?	0.00 P
12/10/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 16:00	6.13 P	5.91 P	1.69 P	8.10 P	7.61 P
12/10/2019 17:00	14.20 ?	14.97 ?	10.02 ?	14.21 ?	13.49 ?
12/10/2019 18:00	16.14 C	18.44 C	0.91 P	15.22 C	15.58 C
12/10/2019 19:00	3.96 P	1.69 P	0.00 P	1.74 P	1.52 P
12/10/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/10/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 09:00	0.00 P	0.00 P	0.00 P	N/A ?	0.00 P
12/11/2019 10:00	0.00 P	0.00 P	0.00 P	N/A ?	0.00 P
12/11/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/11/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
12/14/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/14/2019 23:00	0.00 P	6.27 P	0.00 P	0.00 P	0.00 P
12/15/2019 00:00	0.00 P	10.11 P	0.00 P	0.00 P	0.00 P
12/15/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/15/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 10:00	0.00 P	0.00 P	0.00 P	-0.07 P	-0.07 P
12/16/2019 11:00	0.00 P	7.62 ?	0.00 P	12.20 ?	10.74 ?
12/16/2019 12:00	0.00 P	4.61 P	0.00 P	13.25 ?	4.72 P
12/16/2019 13:00	0.00 P	0.00 P	0.00 P	2.19 P	0.00 P
12/16/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 16:00	6.91 P	-0.27 P	-0.11 P	9.26 P	0.00 P
12/16/2019 17:00	16.82 ?	15.09 ?	13.72 ?	17.16 ?	14.54 ?
12/16/2019 18:00	14.55 C	16.09 ?	15.60	15.36 C	16.37 ?
12/16/2019 19:00	-0.38 P	0.36 P	17.26 C	15.99 C	1.21 P
12/16/2019 20:00	0.00 P	0.00 P	0.62 P	1.36 P	0.00 P
12/16/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/16/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
12/16/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 06:00	4.55 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 07:00	7.59 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 16:00	4.67 P	4.30 P	5.05 P	7.78 P	5.90 P
12/17/2019 17:00	15.95 ?	16.17 ?	16.02 ?	15.42 ?	14.75 ?
12/17/2019 18:00	16.31 C	16.51 C	17.03 C	15.22 C	15.75 C
12/17/2019 19:00	15.97	0.00 P	0.69 P	N/A ?	19.76 ?
12/17/2019 20:00	6.44 P	0.00 P	0.00 P	N/A ?	2.26 P
12/17/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/17/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 10:00	0.00 P	0.00 P	0.00 P	8.50 P	8.12 P
12/18/2019 11:00	0.00 P	0.00 P	0.00 P	13.39 ?	10.02 P
12/18/2019 12:00	0.00 P	0.00 P	0.00 P	13.93 ?	0.00 P
12/18/2019 13:00	0.00 P	0.00 P	0.00 P	1.35 P	0.00 P
12/18/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 16:00	5.49 P	0.00 P	6.01 P	0.00 P	0.00 P
12/18/2019 17:00	14.48 ?	0.00 P	13.25 ?	0.00 P	25.97 P
12/18/2019 18:00	8.63 P	0.00 P	4.02 P	0.00 P	25.59 P
12/18/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/18/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 10:00	4.36 P	0.00 P	0.00 P	2.77 P	0.00 P
12/19/2019 11:00	7.60 P	0.00 P	0.00 P	7.83 P	0.00 P
12/19/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
12/19/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 16:00	2.34 P	0.00 P	0.00 P	9.59 P	3.01 P
12/19/2019 17:00	12.46 ?	0.00 P	0.00 P	14.40 ?	14.65 ?
12/19/2019 18:00	0.94 P	0.00 P	0.00 P	14.81 C	16.17 C
12/19/2019 19:00	0.00 P	0.00 P	0.00 P	14.51 ?	4.91 P
12/19/2019 20:00	0.00 P	0.00 P	0.00 P	1.08 P	0.00 P
12/19/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/19/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 11:00	1.70 P	1.16 P	1.59 P	0.00 P	0.00 P
12/20/2019 12:00	10.98 ?	11.25 ?	10.32 ?	0.00 P	0.00 P
12/20/2019 13:00	9.29	1.36 P	0.67 P	0.00 P	0.00 P
12/20/2019 14:00	9.44 C	0.00 P	0.00 P	9.32 P	8.34 P
12/20/2019 15:00	-0.04 P	0.00 P	0.00 P	13.36 ?	10.89 ?
12/20/2019 16:00	0.00 P	0.00 P	0.00 P	14.24	0.85 P
12/20/2019 17:00	0.00 P	0.00 P	0.00 P	14.58 C	0.00 P
12/20/2019 18:00	0.00 P	0.00 P	0.00 P	14.39 C	0.00 P
12/20/2019 19:00	0.00 P	0.00 P	0.00 P	2.47 P	0.00 P
12/20/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/20/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/21/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
12/22/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/22/2019 21:00	5.76 P	0.00 P	0.00 P	0.00 P	22.27 P
12/22/2019 22:00	7.09 P	0.00 P	0.00 P	0.00 P	31.36 ?
12/22/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	32.20 C
12/23/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	5.12 P
12/23/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/23/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/24/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
12/24/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/25/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 16:00	3.45 P	0.00 P	1.34 P	0.00 P	5.61 P
12/26/2019 17:00	8.26 ?	0.00 P	7.54 ?	0.00 P	31.71 ?
12/26/2019 18:00	2.94 P	0.00 P	1.09 P	0.00 P	21.26 P
12/26/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/26/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/27/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
12/30/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/30/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
12/31/2019 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P