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Park, LLC  
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**April 2021**

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**California Energy Commission (CEC)  
Quarterly Operation Report  
1st Quarter 2021**

# **California Energy Commission (CEC) Quarterly Operation Report, 1st Quarter 2021**

Prepared for:

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

April 2021

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# California Energy Commission (CEC) Quarterly Operation Report, 1st Quarter 2021

## 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**

**Jan 2021 - WCEP Unit 1 Emissions  
SCAQMD Device Number D1**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day) <sup>1,2,3</sup>					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	1.1	20.5	11.0	3.1	0.8	7.9	7.9
4	1.5	24.1	13.0	4.2	1.0	10.8	10.8
5	1.5	24.7	13.0	4.2	1.0	10.9	10.9
6	3.8	58.1	30.5	10.5	2.6	26.9	26.9
7	1.8	29.8	13.9	5.0	1.2	13.0	13.0
8	0.7	15.8	7.7	1.9	0.5	4.9	4.9
9	1.4	28.5	12.7	3.8	0.9	9.8	9.8
10	1.2	25.6	10.1	3.3	0.8	8.6	8.6
11	1.9	34.1	14.4	5.3	1.3	13.7	13.7
12	1.7	28.9	13.9	4.6	1.1	11.9	11.9
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.7	27.9	12.0	4.5	1.1	11.6	11.6
15	1.0	28.8	9.8	2.8	0.7	7.3	7.3
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	1.6	27.9	14.6	4.5	1.1	11.5	11.5
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	2.0	40.1	15.6	5.5	1.3	14.2	14.2
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
<b>Total =</b>	23.2	414.7	192.2	63.2	15.5	163.0	163.0

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Jan 2021 - WCEP Unit 2 Emissions  
SCAQMD Device Number D7**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day) <sup>1,2,3</sup>					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	2.0	24.4	15.6	5.4	1.3	13.8	13.8
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	2.3	29.2	13.9	6.2	1.5	16.0	16.0
6	1.0	17.4	8.9	2.7	0.7	7.0	7.0
7	2.1	29.3	13.9	5.6	1.4	14.6	14.6
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	2.4	28.5	16.1	6.5	1.6	16.8	16.8
11	1.8	28.3	11.8	4.8	1.2	12.3	12.3
12	2.3	26.9	16.1	6.4	1.6	16.5	16.5
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.7	25.4	13.4	4.6	1.1	11.8	11.8
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	1.0	22.1	10.1	2.8	0.7	7.3	7.3
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	1.5	25.5	12.0	4.1	1.0	10.5	10.5
25	0.9	18.1	7.4	2.4	0.6	6.2	6.2
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
<b>Total =</b>	<b>18.8</b>	<b>274.7</b>	<b>139.3</b>	<b>51.5</b>	<b>12.6</b>	<b>132.7</b>	<b>132.7</b>

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.



**Jan 2021 - WCEP Unit 3 Emissions  
SCAQMD Device Number D13**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day)					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	2.7	30.4	16.1	7.3	1.8	18.8	18.8
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	1.5	25.5	9.6	4.2	1.0	10.9	10.9
6	1.5	25.4	9.1	4.1	1.0	10.6	10.6
7	3.1	50.7	19.4	8.5	2.1	21.9	21.9
8	0.7	15.2	5.5	1.9	0.5	4.9	4.9
9	2.1	31.2	13.4	5.9	1.4	15.1	15.1
10	4.2	44.1	19.4	11.4	2.8	29.4	29.4
11	1.7	27.1	10.8	4.7	1.2	12.2	12.2
12	2.4	26.8	13.9	6.4	1.6	16.6	16.6
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.7	26.3	13.0	4.5	1.1	11.7	11.7
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	3.1	48.7	20.4	8.4	2.1	21.7	21.7
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	2.3	27.6	16.6	6.3	1.5	16.2	16.2
24	1.4	24.6	11.5	3.7	0.9	9.7	9.7
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
<b>Total =</b>	<b>28.4</b>	<b>403.6</b>	<b>178.8</b>	<b>77.4</b>	<b>19.0</b>	<b>199.7</b>	<b>199.7</b>

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Jan 2021 - WCEP Unit 4 Emissions  
SCAQMD Device Number D19**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day)					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	23.7	16.1	4.2	1.0	10.9	10.9
6	1.8	38.5	19.4	5.0	1.2	12.9	12.9
7	1.6	30.2	15.0	4.2	1.0	10.9	10.9
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	1.6	29.1	15.9	4.3	1.1	11.2	11.2
10	0.9	23.8	9.0	2.4	0.6	6.1	6.1
11	1.8	29.5	15.6	4.8	1.2	12.4	12.4
12	2.4	29.3	17.5	6.4	1.6	16.6	16.6
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.6	26.2	12.8	4.4	1.1	11.3	11.3
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.8	18.9	9.0	2.2	0.5	5.8	5.8
21	1.0	23.8	12.1	2.7	0.7	6.9	6.9
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	2.0	27.6	16.2	5.5	1.4	14.3	14.3
24	2.5	41.0	23.5	6.7	1.6	17.3	17.3
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
<b>Total =</b>	19.4	341.6	182.0	52.9	13.0	136.5	136.5

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Jan 2021 - WCEP Unit 5 Emissions  
SCAQMD Device Number D25**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day)					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	1.7	36.3	19.2	4.7	1.2	12.2	12.2
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	1.6	23.7	14.6	4.2	1.0	10.9	10.9
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	0.7	14.2	7.7	1.9	0.5	4.8	4.8
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	2.5	32.8	18.9	6.7	1.6	17.3	17.3
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.7	26.0	14.9	4.5	1.1	11.7	11.7
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.8	16.2	9.0	2.2	0.5	5.7	5.7
21	2.2	27.8	18.5	5.9	1.4	15.2	15.2
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	2.8	35.3	20.4	7.5	1.8	19.4	19.4
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
<b>Total =</b>	<b>13.8</b>	<b>212.2</b>	<b>123.2</b>	<b>37.7</b>	<b>9.3</b>	<b>97.2</b>	<b>97.2</b>

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Feb 2021 - WCEP Unit 1 Emissions  
SCAQMD Device Number D1**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day) <sup>1,2,3</sup>					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	1.7	25.3	15.4	4.7	1.2	12.1	12.1
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	2.0	1.4	0.0	0.0	0.1	0.1
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	396.3	0.0	0.0	0.0	0.0	0.0
9	0.0	594.5	N/A	0.0	0.0	0.0	0.0
10	0.0	99.0	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	0.5	35.0	7.8	1.3	0.3	3.2	3.2
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.9	9.5	3.4	2.4	0.6	6.3	6.3
23	1.0	21.2	9.0	2.8	0.7	7.2	7.2
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	1.9	36.5	13.2	5.2	1.3	13.4	13.4
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	1.5	28.2	12.5	4.0	1.0	10.3	10.3
28	1.2	25.6	8.9	3.3	0.8	8.4	8.4
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total =</b>	<b>8.7</b>	<b>1273.1</b>	<b>71.6</b>	<b>23.7</b>	<b>5.8</b>	<b>61.0</b>	<b>61.0</b>

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.

2. CO emissions (lbs/day) from CEMS.

3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Feb 2021 - WCEP Unit 2 Emissions**  
**SCAQMD Device Number D7**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day) <sup>1,2,3</sup>					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	1.6	1.2	0.0	0.0	0.1	0.1
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	277.6	0.0	0.0	0.0	0.0	0.0
16	0.0	416.4	N/A	0.0	0.0	0.0	0.0
17	0.0	78.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.3	17.4	6.0	0.7	0.2	1.9	1.9
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	1.0	24.9	6.7	2.8	0.7	7.2	7.2
28	2.1	32.9	10.1	5.7	1.4	14.8	14.8
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total =</b>	<b>3.4</b>	<b>848.9</b>	<b>24.0</b>	<b>9.3</b>	<b>2.3</b>	<b>24.0</b>	<b>24.0</b>

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.

2. CO emissions (lbs/day) from CEMS.

3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Feb 2021 - WCEP Unit 3 Emissions**  
**SCAQMD Device Number D13**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day)					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.8	20.3	7.2	2.2	0.5	5.6	5.6
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	2.2	1.7	0.1	0.0	0.1	0.1
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	1.0	17.1	8.4	2.6	0.6	6.7	6.7
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	2.9	48.9	18.7	8.0	2.0	20.5	20.5
18	4.7	62.4	24.5	12.8	3.1	33.0	33.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
<b>Total =</b>	<b>9.4</b>	<b>150.8</b>	<b>60.5</b>	<b>25.6</b>	<b>6.3</b>	<b>66.0</b>	<b>66.0</b>

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Feb 2021 - WCEP Unit 4 Emissions  
SCAQMD Device Number D19**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day)					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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	1.3	26.1	12.0	3.6	0.9	9.4	9.4
12	0.0	0.0	N/A	0.0	0.0	0.0	0.0
13	0.7	14.5	7.6	1.9	0.5	4.8	4.8
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	2.2	38.7	18.9	5.9	1.5	15.3	15.3
18	2.4	33.5	17.5	6.5	1.6	16.8	16.8
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	1.0	19.7	9.9	2.8	0.7	7.2	7.2
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	2.3	66.6	19.2	6.4	1.6	16.5	16.5
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	1.2	25.8	11.9	3.4	0.8	8.7	8.7
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total =</b>	<b>11.2</b>	<b>225.0</b>	<b>96.9</b>	<b>30.5</b>	<b>7.5</b>	<b>78.7</b>	<b>78.7</b>

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Feb 2021 - WCEP Unit 5 Emissions**  
**SCAQMD Device Number D25**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day)					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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	5.0	67.1	36.2	13.8	3.4	35.5	35.5
18	2.4	32.0	16.2	6.5	1.6	16.7	16.7
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	2.2	38.4	17.0	6.1	1.5	15.7	15.7
23	2.1	24.5	15.8	5.7	1.4	14.7	14.7
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	1.9	27.4	13.7	5.3	1.3	13.6	13.6
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	2.7	34.8	18.9	7.3	1.8	18.7	18.7
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total =</b>	<b>16.3</b>	<b>224.3</b>	<b>117.8</b>	<b>44.6</b>	<b>10.9</b>	<b>115.0</b>	<b>115.0</b>

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.



**Mar 2021 - WCEP Unit 1 Emissions  
SCAQMD Device Number D1**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day) <sup>1,2,3</sup>					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	4.0	68.6	32.2	10.9	2.7	28.1	28.1
2	2.8	38.9	16.6	7.6	1.9	19.6	19.6
3	3.6	55.7	27.4	9.9	2.4	25.5	25.5
4	2.3	32.0	15.4	6.2	1.5	15.9	15.9
5	2.1	33.2	14.9	5.7	1.4	14.8	14.8
6	2.1	28.4	14.4	5.7	1.4	14.8	14.8
7	3.5	42.3	23.5	9.5	2.3	24.5	24.5
8	1.5	27.5	12.0	4.1	1.0	10.6	10.6
9	0.9	20.0	7.7	2.3	0.6	6.0	6.0
10	4.4	61.1	31.0	11.9	2.9	30.8	30.8
11	0.9	18.0	7.4	2.5	0.6	6.3	6.3
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	35.1	17.2	6.3	1.5	16.2	16.2
17	2.6	44.9	19.4	7.1	1.7	18.3	18.3
18	0.9	17.6	9.1	2.5	0.6	6.5	6.5
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	27.9	0.0	0.0	0.0	0.0	0.0
24	1.7	0.0	12.9	4.7	1.1	12.0	12.0
25	0.0	29.3	0.0	0.0	0.0	0.0	0.0
26	1.3	0.0	11.0	3.4	0.8	8.9	8.9
27	1.0	23.0	9.1	2.8	0.7	7.2	7.2
28	3.3	46.3	21.4	8.9	2.2	23.0	23.0
29	2.1	32.7	16.1	5.6	1.4	14.5	14.5
30	2.8	36.7	19.4	7.6	1.9	19.6	19.6
31	2.4	38.4	19.5	6.4	1.6	16.6	16.6
Total =	48.2	757.4	357.6	131.7	32.3	339.5	339.5

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.

2. CO emissions (lbs/day) from CEMS.

3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Mar 2021 - WCEP Unit 2 Emissions  
SCAQMD Device Number D7**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day) <sup>1,2,3</sup>					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	3.8	59.7	20.9	10.3	2.5	26.4	26.4
2	2.5	34.2	13.9	6.7	1.7	17.4	17.4
3	1.1	18.8	9.6	3.1	0.8	8.0	8.0
4	1.7	25.2	11.3	4.5	1.1	11.7	11.7
5	1.8	22.4	7.1	4.8	1.2	12.5	12.5
6	1.1	16.9	7.7	3.0	0.7	7.7	7.7
7	3.0	34.5	18.0	8.2	2.0	21.1	21.1
8	1.4	20.4	7.9	3.9	1.0	10.0	10.0
9	0.7	14.4	5.3	1.9	0.5	5.0	5.0
10	1.9	27.6	10.1	5.1	1.3	13.2	13.2
11	0.9	15.9	6.0	2.4	0.6	6.3	6.3
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	1.4	20.2	9.6	3.7	0.9	9.6	9.6
17	3.0	41.5	19.4	8.1	2.0	21.0	21.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	1.6	0.0	11.3	4.3	1.1	11.1	11.1
25	0.0	26.4	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	1.0	19.1	7.4	2.7	0.7	7.0	7.0
28	1.7	27.5	9.1	4.6	1.1	11.8	11.8
29	2.2	27.2	13.9	6.1	1.5	15.8	15.8
30	2.6	30.3	13.9	7.1	1.7	18.3	18.3
31	2.2	28.8	11.3	6.1	1.5	15.7	15.7
Total =	35.5	510.9	213.8	96.8	23.8	249.7	249.7

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.

2. CO emissions (lbs/day) from CEMS.

3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Mar 2021 - WCEP Unit 3 Emissions  
SCAQMD Device Number D13**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day)					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.4	19.2	6.7	1.1	0.3	2.7	2.7
21	1.0	26.1	7.4	2.8	0.7	7.3	7.3
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	24.8	0.0	0.0	0.0	0.0	0.0
24	1.6	0.0	9.7	4.3	1.1	11.1	11.1
25	0.7	29.7	5.3	1.9	0.5	4.8	4.8
26	1.1	15.2	12.0	2.9	0.7	7.4	7.4
27	1.0	45.5	7.7	2.7	0.7	7.0	7.0
28	2.3	37.1	11.5	6.2	1.5	15.9	15.9
29	2.2	26.9	14.4	6.1	1.5	15.8	15.8
30	3.9	52.2	22.6	10.7	2.6	27.6	27.6
31	2.1	34.7	12.3	5.7	1.4	14.7	14.7
<b>Total =</b>	<b>16.2</b>	<b>311.5</b>	<b>109.6</b>	<b>44.3</b>	<b>10.9</b>	<b>114.2</b>	<b>114.2</b>

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Mar 2021 - WCEP Unit 4 Emissions  
SCAQMD Device Number D19**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day)					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	3.8	62.1	32.5	10.3	2.5	26.6	26.6
2	2.6	33.0	20.4	7.2	1.8	18.6	18.6
3	1.2	19.5	11.5	3.2	0.8	8.2	8.2
4	3.0	32.5	19.7	8.2	2.0	21.1	21.1
5	1.4	21.4	11.5	3.8	0.9	9.7	9.7
6	0.0	2.8	1.9	0.1	0.0	0.1	0.1
7	3.0	36.3	23.5	8.2	2.0	21.1	21.1
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
<b>Total =</b>	<b>15.0</b>	<b>207.7</b>	<b>121.0</b>	<b>40.9</b>	<b>10.0</b>	<b>105.4</b>	<b>105.4</b>

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**Mar 2021 - WCEP Unit 5 Emissions  
SCAQMD Device Number D25**

Day	Daily Fuel Use (MMscf/day)	Daily Emissions (lbs/day)					
		NO <sub>x</sub>	CO	VOC	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
1	4.1	55.5	31.7	11.2	2.8	28.9	28.9
2	2.4	28.3	16.7	6.5	1.6	16.8	16.8
3	1.0	15.9	10.3	2.6	0.6	6.8	6.8
4	1.5	19.9	10.8	4.2	1.0	10.7	10.7
5	0.7	13.6	6.2	2.0	0.5	5.2	5.2
6	0.0	2.1	1.2	0.0	0.0	0.1	0.1
7	4.1	43.2	27.1	11.3	2.8	29.2	29.2
8	1.4	20.1	9.4	3.8	0.9	9.9	9.9
9	1.2	17.6	8.6	3.3	0.8	8.6	8.6
10	2.5	30.2	16.1	6.7	1.6	17.3	17.3
11	1.4	19.3	10.4	3.9	0.9	10.0	10.0
12	0.7	13.9	5.5	1.9	0.5	4.9	4.9
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.4	16.1	6.0	1.1	0.3	2.7	2.7
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	26.5	0.0	0.0	0.0	0.0	0.0
24	1.2	0.0	7.9	3.2	0.8	8.1	8.1
25	0.0	20.4	0.0	0.0	0.0	0.0	0.0
26	2.0	0.0	14.9	5.5	1.4	14.3	14.3
27	1.0	18.7	7.0	2.8	0.7	7.2	7.2
28	2.3	32.1	12.2	6.2	1.5	16.0	16.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	3.1	34.6	20.6	8.5	2.1	21.9	21.9
31	1.6	25.6	10.8	4.5	1.1	11.6	11.6
Total =	32.7	453.7	233.5	89.2	21.9	230.0	230.0

1. NO<sub>x</sub> emissions (lbs/day) from SCAQMD WATERS RTU.
2. CO emissions (lbs/day) from CEMS.
3. VOC, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions (lbs/day) calculated from daily fuel use.

**WCEP Monthly Startup Summary - Units 1 to 5**

	SCAQMD Designation Number	Jan	Feb	Mar	Quarterly Total
Unit 1	D1	16	9	25	50
Unit 2	D7	11	5	21	37
Unit 3	D13	15	7	12	34
Unit 4	D19	14	8	8	30
Unit 5	D25	9	8	21	38
Facility Total		65	37	87	189

## **APPENDIX B – FIRE PUMP ENGINE AND COOLING TOWER OPERATIONS**

**Jan 2021 - 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 <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
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	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	0.4	0	2	0.26	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	0.4	0	1	0.13	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	0.4	0	2	0.26	0.42	0.00	0.02	0.02
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	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	0.4	0	2	0.26	0.42	0.00	0.02	0.02
<b>Total =</b>	<b>1.6</b>	<b>0.0</b>	<b>7.0</b>	<b>0.92</b>	<b>1.68</b>	<b>0.00</b>	<b>0.10</b>	<b>0.10</b>



**Feb 2021 - 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 <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
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	0	0	0.00	0.00	0.00	0.00	0.00
7	0.4	0	1	0.13	0.42	0.00	0.02	0.02
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	0.4	0	2	0.26	0.42	0.00	0.02	0.02
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	0.5	0	1	0.13	0.52	0.00	0.03	0.03
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	0.4	0	2	0.26	0.42	0.00	0.02	0.02
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
<b>Total =</b>	1.7	0.0	6.0	0.8	1.8	0.0	0.1	0.1

**Mar 2021 - 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 <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
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	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	1	0.13	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	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	0.4	0	2	0.26	0.42	0.00	0.02	0.02
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	0.4	0	2	0.26	0.42	0.00	0.02	0.02
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	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	0.4	0	1	0.13	0.42	0.00	0.02	0.02
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
<b>Total =</b>	<b>1.6</b>	<b>0.0</b>	<b>6.0</b>	<b>0.79</b>	<b>1.68</b>	<b>0.00</b>	<b>0.10</b>	<b>0.10</b>

**Jan 2021 - 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 <sub>10</sub> (lbs/day)
1	0	9	0.0
2	6,547,500	3,024	0.8
3	12,139,500	3,392	1.7
4	3,712,500	3,411	0.5
5	7,100,000	3,498	1.0
6	13,325,000	3,446	1.9
7	9,179,000	3,532	1.4
8	4,162,500	3,601	0.6
9	6,840,500	3,483	1.0
10	15,178,500	3,479	2.2
11	12,169,000	3,563	1.8
12	18,407,000	3,555	2.7
13	0	11	0.0
14	7,680,500	3,498	1.1
15	3,307,500	3,595	0.5
16	4,972,500	3,288	0.7
17	0	9	0.0
18	0	10	0.0
19	1,350,000	2,908	0.2
20	13,107,500	3,316	1.8
21	6,745,000	3,431	1.0
22	0	21	0.0
23	13,920,000	3,456	2.0
24	8,858,000	3,414	1.3
25	2,520,000	3,279	0.3
26	0	11	0.0
27	3,307,500	3,262	0.4
28	5,152,500	3,437	0.7
29	0	3,419	0.0
30	2,610,000	2,932	0.3
31	0	9	0.0

**Feb 2021 - 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 <sub>10</sub> (lbs/day)
1	2,317,500	2,826	0.3
2	0	19	0.0
3	7,065,000	2,838	0.8
4	4,770,000	2,989	0.6
5	0	593	0.0
6	1,957,500	2,757	0.2
7	0	9	0.0
8	450,000	2,745	0.1
9	0	9	0.0
10	3,847,500	2,749	0.4
11	3,127,500	2,821	0.4
12	0	9	0.0
13	9,868,500	2,883	1.2
14	0	8	0.0
15	0	9	0.0
16	0	9	0.0
17	16,445,500	2,844	1.9
18	15,461,500	3,318	2.1
19	0	3,319	0.0
20	0	10	0.0
21	1,305,000	3,028	0.2
22	9,250,500	3,372	1.3
23	7,349,000	3,430	1.0
24	3,870,000	3,257	0.5
25	9,375,500	3,486	1.4
26	0	12	0.0
27	0	0	0.0
28	0	0	0.0
29	0	0	0.0

**Mar 2021 - 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 <sub>10</sub> (lbs/day)
1	9,963,000	3,364	1.4
2	11,264,500	3,489	1.6
3	10,398,500	3,474	1.5
4	9,613,000	3,475	1.4
5	7,108,500	3,460	1.0
6	8,218,500	3,467	1.2
7	15,400,000	3,526	2.3
8	6,975,500	3,451	1.0
9	5,035,000	3,438	0.7
10	13,504,000	3,419	1.9
11	6,150,500	3,453	0.9
12	2,205,000	3,382	0.3
13	4,927,500	3,393	0.7
14	0	10	0.0
15	2,542,500	3,104	0.3
16	11,126,500	3,339	1.5
17	10,802,500	3,444	1.5
18	2,295,000	3,486	0.3
19	0	10	0.0
20	6,388,000	2,930	0.8
21	2,475,000	3,014	0.3
22	855,000	3,021	0.1
23	0	10	0.0
24	7,887,500	3,357	1.1
25	3,757,500	3,412	0.5
26	8,355,500	3,418	1.2
27	3,966,000	3,474	0.6
28	9,497,500	3,478	1.4
29	11,041,500	3,452	1.6
30	13,702,000	3,464	2.0
31	7,327,000	3,467	1.1

## **APPENDIX C – CEMS DOWNTIME SUMMARY**

Summary Report - Gaseous Excess Emissions and Monitoring System Performance

Reporting dates 1/1/2021 00:00 through 3/31/2021 23:59  
Generated: 4/12/2021 14:43

Company: NRG Energy  
Walnut Creek Energy Park  
City of Industry, CA 91745

Pollutant: CO Corrected Emissions, 60-Minute Block Average  
limit at 4.0 ppm @ 15% Oxygen

Unit Description: Unit 1 Combustion Turbine  
Date of Latest CEMS Certification or Audit:  
Total source operating time in reporting period: 181.0 hours (note 1 )

Emission Data Summary(note 1 )		CEMS Downtime Summary(note 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	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	6.0
3. Excess emission duration (%)	0.00	3. CEMS downtime (%)	3.31

On a separate page, describe any changes since last quarter in CEMS, process or controls.

As the designated Responsible Official of this facility, I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Plant Manager			
-----	-----	-----	-----
Name	Signature	Title	Date
Responsible Official			
-----	-----	-----	-----
Name	Signature	Title	Date
Alt. Resp. Official			
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Name	Signature	Title	Date

**Summary Report - Gaseous Excess Emissions and Monitoring System Performance**

**Reporting dates 1/1/2021 00:00 through 3/31/2021 23:59  
Generated: 4/12/2021 14:39**

Company: NRG Energy  
Walnut Creek Energy Park  
City of Industry, CA 91745

Pollutant: CO Corrected Emissions, 60-Minute Block Average  
limit at 4.0 ppm @ 15% Oxygen

Unit Description: Unit 2 Combustion Turbine  
Date of Latest CEMS Certification or Audit:  
Total source operating time in reporting period: **129.0 hours (note 1 )**

<b>Emission Data Summary(note 1 )</b>		<b>CEMS Downtime Summary(note 1 )</b>	
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	5.0
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	6.0
3. Excess emission duration (%)	0.00	3. CEMS downtime (%)	4.65

On a separate page, describe any changes since last quarter in CEMS, process or controls.

As the designated Responsible Official of this facility, I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Plant Manager			
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Name	Signature	Title	Date
Responsible Official			
-----	-----	-----	-----
Name	Signature	Title	Date
Alt. Resp. Official			
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Name	Signature	Title	Date



Summary Report - Gaseous Excess Emissions and Monitoring System Performance

Reporting dates 1/1/2021 00:00 through 3/31/2021 23:59  
Generated: 4/12/2021 14:47

Company: NRG Energy  
Walnut Creek Energy Park  
City of Industry, CA 91745

Pollutant: CO Corrected Emissions, 60-Minute Block Average  
limit at 4.0 ppm @ 15% Oxygen

Unit Description: Unit 3 Combustion Turbine  
Date of Latest CEMS Certification or Audit:  
Total source operating time in reporting period: 121.0 hours (note 1 )

Emission Data Summary(note 1 )		CEMS Downtime Summary(note 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 (%)	0.00	3. CEMS downtime (%)	3.31

On a separate page, describe any changes since last quarter in CEMS, process or controls.

As the designated Responsible Official of this facility, I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Plant Manager			
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Name	Signature	Title	Date
Responsible Official			
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Name	Signature	Title	Date
Alt. Resp. Official			
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Name	Signature	Title	Date

**Summary Report - Gaseous Excess Emissions and Monitoring System Performance**

**Reporting dates 1/1/2021 00:00 through 3/31/2021 23:59  
Generated: 4/12/2021 14:50**

Company: NRG Energy  
Walnut Creek Energy Park  
City of Industry, CA 91745

Pollutant: CO Corrected Emissions, 60-Minute Block Average  
limit at 4.0 ppm @ 15% Oxygen

Unit Description: Unit 4 Combustion Turbine  
Date of Latest CEMS Certification or Audit:  
Total source operating time in reporting period: **100.0 hours (note 1 )**

<b>Emission Data Summary(note 1 )</b>		<b>CEMS Downtime Summary(note 1 )</b>	
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	0.0
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	1.0
3. Excess emission duration (%)	0.00	3. CEMS downtime (%)	1.00

On a separate page, describe any changes since last quarter in CEMS, process or controls.

As the designated Responsible Official of this facility, I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Plant Manager			
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Name	Signature	Title	Date
Responsible Official			
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Name	Signature	Title	Date
Alt. Resp. Official			
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Name	Signature	Title	Date

Summary Report - Gaseous Excess Emissions and Monitoring System Performance

Reporting dates 1/1/2021 00:00 through 3/31/2021 23:59  
Generated: 4/12/2021 14:53

Company: NRG Energy  
Walnut Creek Energy Park  
City of Industry, CA 91745

Pollutant: CO Corrected Emissions, 60-Minute Block Average  
limit at 4.0 ppm @ 15% Oxygen

Unit Description: Unit 5 Combustion Turbine  
Date of Latest CEMS Certification or Audit:  
Total source operating time in reporting period: 145.0 hours (note 1 )

Emission Data Summary(note 1 )		CEMS Downtime Summary(note 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	0.0
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 (%)	0.00	3. CEMS downtime (%)	1.38

On a separate page, describe any changes since last quarter in CEMS, process or controls.

As the designated Responsible Official of this facility, I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Plant Manager			
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Name	Signature	Title	Date
Responsible Official			
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Name	Signature	Title	Date
Alt. Resp. Official			
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Name	Signature	Title	Date

**Summary Report - Gaseous Excess Emissions and Monitoring System Performance**

Reporting dates 1/1/2021 00:00 through 3/31/2021 23:59  
Generated: 4/12/2021 13:43

Company: NRG Energy  
Walnut Creek Energy Park  
City of Industry, CA 91745

Pollutant: NOx Corrected Emissions, 4-Hour Rolling Average  
limit at 15 / 96 ppm @ 15% Oxygen - Subpart KKKK

Unit Description: Unit 1 Combustion Turbine  
Date of Latest CEMS Certification or Audit: 06/15/2020  
Total source operating time in reporting period: **181.0 hours (note 1 )**

<b>Emission Data Summary(note 1 )</b>		<b>CEMS Downtime Summary(note 1 )</b>	
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	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	6.0
3. Excess emission duration (%)	0.00	3. CEMS downtime (%)	3.31

On a separate page, describe any changes since last quarter in CEMS, process or controls.

As the designated Responsible Official of this facility, I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Plant Manager			
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Name	Signature	Title	Date
Responsible Official			
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Name	Signature	Title	Date
Alt. Resp. Official			
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Name	Signature	Title	Date

**Summary Report - Gaseous Excess Emissions and Monitoring System Performance**

Reporting dates 1/1/2021 00:00 through 3/31/2021 23:59  
Generated: 4/12/2021 13:51

Company: NRG Energy  
Walnut Creek Energy Park  
City of Industry, CA 91745

Pollutant: NOx Corrected Emissions, 4-Hour Rolling Average  
limit at 15 / 96 ppm @ 15% Oxygen - Subpart KKKK

Unit Description: Unit 2 Combustion Turbine  
Date of Latest CEMS Certification or Audit: 06/16/2020  
Total source operating time in reporting period: **129.0 hours (note 1 )**

<b>Emission Data Summary(note 1 )</b>		<b>CEMS Downtime Summary(note 1 )</b>	
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	5.0
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	6.0
3. Excess emission duration (%)	0.00	3. CEMS downtime (%)	4.65

On a separate page, describe any changes since last quarter in CEMS, process or controls.

As the designated Responsible Official of this facility, I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Plant Manager			
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Name	Signature	Title	Date
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Responsible Official			
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Name	Signature	Title	Date
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Alt. Resp. Official			
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Name	Signature	Title	Date

**Summary Report - Gaseous Excess Emissions and Monitoring System Performance**

Reporting dates 1/1/2021 00:00 through 3/31/2021 23:59  
Generated: 4/12/2021 13:58

Company: NRG Energy  
Walnut Creek Energy Park  
City of Industry, CA 91745

Pollutant: NOx Corrected Emissions, 4-Hour Rolling Average  
limit at 15 / 96 ppm @ 15% Oxygen - Subpart KKKK

Unit Description: Unit 3 Combustion Turbine  
Date of Latest CEMS Certification or Audit: 06/17/2020  
Total source operating time in reporting period: **121.0 hours (note 1 )**

<b>Emission Data Summary(note 1 )</b>		<b>CEMS Downtime Summary(note 1 )</b>	
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 (%)	0.00	3. CEMS downtime (%)	3.31

On a separate page, describe any changes since last quarter in CEMS, process or controls.

As the designated Responsible Official of this facility, I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Plant Manager			
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Name	Signature	Title	Date
Responsible Official			
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Name	Signature	Title	Date
Alt. Resp. Official			
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Name	Signature	Title	Date

**Summary Report - Gaseous Excess Emissions and Monitoring System Performance**

Reporting dates 1/1/2021 00:00 through 3/31/2021 23:59  
Generated: 4/12/2021 14:15

Company: NRG Energy  
Walnut Creek Energy Park  
City of Industry, CA 91745

Pollutant: NOx Corrected Emissions, 4-Hour Rolling Average  
limit at 15 / 96 ppm @ 15% Oxygen - Subpart KKKK

Unit Description: Unit 4 Combustion Turbine  
Date of Latest CEMS Certification or Audit: 06/18/2020  
Total source operating time in reporting period: **100.0 hours (note 1 )**

<b>Emission Data Summary(note 1 )</b>		<b>CEMS Downtime Summary(note 1 )</b>	
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	0.0
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	1.0
3. Excess emission duration (%)	0.00	3. CEMS downtime (%)	1.00

On a separate page, describe any changes since last quarter in CEMS, process or controls.

As the designated Responsible Official of this facility, I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Plant Manager			
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Name	Signature	Title	Date
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Responsible Official			
-----	-----	-----	-----
Name	Signature	Title	Date
-----			
Alt. Resp. Official			
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Name	Signature	Title	Date

Summary Report - Gaseous Excess Emissions and Monitoring System Performance

Reporting dates 1/1/2021 00:00 through 3/31/2021 23:59  
Generated: 4/12/2021 14:24

Company: NRG Energy  
Walnut Creek Energy Park  
City of Industry, CA 91745

Pollutant: NOx Corrected Emissions, 4-Hour Rolling Average  
limit at 15 / 96 ppm @ 15% Oxygen - Subpart KKKK

Unit Description: Unit 5 Combustion Turbine  
Date of Latest CEMS Certification or Audit: 06/19/2020  
Total source operating time in reporting period: 145.0 hours (note 1 )

Emission Data Summary(note 1 )		CEMS Downtime Summary(note 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	0.0
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 (%)	0.00	3. CEMS downtime (%)	1.38

On a separate page, describe any changes since last quarter in CEMS, process or controls.

As the designated Responsible Official of this facility, I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Plant Manager			
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Name	Signature	Title	Date
Responsible Official			
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Name	Signature	Title	Date
Alt. Resp. Official			
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Name	Signature	Title	Date



**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 1st Quarter 2021 operations of Walnut Creek Energy, LLC.

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

Average Values Report  
Generated: 4/7/2021 09:38

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

Period Start: 1/1/2021 00:00  
Period End: 3/31/2021 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
01/01/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/01/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	12.19 P
01/02/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	15.73 P
01/02/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	44.51 C
01/02/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	16.43 P
01/02/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/02/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 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
01/03/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/03/2021 17:00	5.96 P	5.20 P	0.00 P	0.00 P	0.00 P
01/03/2021 18:00	15.34 ?	12.36 ?	4.75 P	0.00 P	0.00 P
01/03/2021 19:00	7.37 P	10.95	17.74 ?	0.00 P	0.00 P
01/03/2021 20:00	0.00 P	11.19 C	13.39	0.00 P	0.00 P
01/03/2021 21:00	0.00 P	0.00 P	13.97	0.00 P	0.00 P
01/03/2021 22:00	0.00 P	0.00 P	14.26 C	0.00 P	0.00 P
01/03/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 16:00	-0.16 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 17:00	17.15 ?	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 18:00	20.43 ?	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 19:00	2.30 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/04/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 16:00	-0.17 P	-0.48 P	-0.11 P	-0.16 P	-0.10 P
01/05/2021 17:00	15.83 ?	14.68 ?	14.32 ?	14.29 ?	15.38 ?
01/05/2021 18:00	20.92 C	18.03	16.37 ?	16.75 ?	18.82 ?
01/05/2021 19:00	1.93 P	16.84 ?	1.32 P	1.77 P	1.40 P
01/05/2021 20:00	0.00 P	1.31 P	0.00 P	0.00 P	0.00 P
01/05/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/05/2021 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
01/05/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 06:00	6.09 P	6.10 P	0.00 P	6.20 P	0.00 P
01/06/2021 07:00	18.08 ?	13.44 P	0.00 P	14.52 P	0.00 P
01/06/2021 08:00	1.92 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 15:00	12.52 P	0.00 P	0.00 P	2.75 P	0.00 P
01/06/2021 16:00	17.57 ?	0.00 P	-0.18 P	12.84 ?	0.00 P
01/06/2021 17:00	19.55	0.00 P	16.30 ?	2.03 P	0.00 P
01/06/2021 18:00	16.28 C	0.00 P	15.11 C	0.00 P	0.00 P
01/06/2021 19:00	1.23 P	0.00 P	1.24 P	0.00 P	0.00 P
01/06/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/06/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 06:00	0.00 P	0.00 P	11.84 P	0.00 P	0.00 P
01/07/2021 07:00	0.00 P	0.00 P	10.68 P	0.00 P	0.00 P
01/07/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 16:00	-0.16 P	-0.47 P	-0.29 P	0.00 P	0.00 P
01/07/2021 17:00	16.91 ?	15.50 ?	16.28 ?	6.07 P	0.00 P
01/07/2021 18:00	19.02	17.55 C	19.01	16.07 ?	0.00 P
01/07/2021 19:00	6.88 P	10.00 P	10.88 P	11.35 P	0.00 P
01/07/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/07/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 06:00	5.37 P	0.00 P	5.21 P	0.00 P	24.54 P
01/08/2021 07:00	12.02 P	0.00 P	10.55 P	0.00 P	24.34 P
01/08/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 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
01/08/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/08/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 17:00	5.68 P	0.00 P	5.84 P	5.33 P	0.00 P
01/09/2021 18:00	19.65 ?	0.00 P	17.70 ?	18.02 ?	0.00 P
01/09/2021 19:00	6.73 P	0.00 P	13.32 C	10.89 P	0.00 P
01/09/2021 20:00	0.00 P	0.00 P	11.68 P	0.00 P	0.00 P
01/09/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/09/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/10/2021 15:00	0.00 P	6.38 P	6.76 P	0.00 P	0.00 P
01/10/2021 16:00	-0.31 P	14.51 ?	15.97 ?	0.00 P	0.00 P
01/10/2021 17:00	18.74 ?	14.84	13.47	6.30 P	0.00 P
01/10/2021 18:00	11.75 P	12.62 C	13.86	10.80 P	0.00 P
01/10/2021 19:00	0.00 P	0.00 P	14.24	0.00 P	0.00 P
01/10/2021 20:00	0.00 P	0.00 P	14.43	0.00 P	0.00 P
01/10/2021 21:00	0.00 P	0.00 P	14.24	0.00 P	0.00 P
01/10/2021 22:00	0.00 P	0.00 P	14.50 C	0.00 P	0.00 P
01/10/2021 23:00	0.00 P	0.00 P	0.36 P	0.00 P	0.00 P
01/11/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 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
01/11/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 16:00	-0.10 P	-0.58 P	-0.20 P	-0.26 P	0.00 P
01/11/2021 17:00	17.17 ?	15.52 ?	16.36 ?	15.24 ?	0.00 P
01/11/2021 18:00	19.14	14.98	17.45	16.43	0.00 P
01/11/2021 19:00	10.93 P	5.11 P	5.11 P	6.11 P	0.00 P
01/11/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/11/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 15:00	0.00 P	4.19 P	5.37 P	5.19 P	7.59 P
01/12/2021 16:00	-0.06 P	10.77 ?	13.88 ?	11.84 ?	24.94 ?
01/12/2021 17:00	15.79 ?	16.35	17.79	17.33	22.39
01/12/2021 18:00	19.00 C	15.35 C	17.27 C	17.34 C	18.07 C
01/12/2021 19:00	2.67 P	0.46 P	1.46 P	1.81 P	2.47 P
01/12/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/12/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	N/A ?
01/13/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/13/2021 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
01/13/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 16:00	-0.30 P	-0.62 P	-0.14 P	-0.09 P	-0.05 P
01/14/2021 17:00	17.65 ?	16.87 ?	17.51 ?	15.74 ?	17.90 ?
01/14/2021 18:00	21.17 ?	16.55 ?	20.45 ?	18.66 ?	19.57 ?
01/14/2021 19:00	1.21 P	1.02 P	0.75 P	1.98 P	2.21 P
01/14/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/14/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 16:00	7.40 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 17:00	17.31 ?	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 18:00	1.22 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/15/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/16/2021 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
01/19/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/19/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 06:00	0.00 P	0.00 P	5.43 P	5.10 P	6.40 P
01/20/2021 07:00	0.00 P	0.00 P	12.57 P	12.10 P	12.88 P
01/20/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 17:00	0.00 P	7.36 P	7.21 P	0.00 P	0.00 P
01/20/2021 18:00	0.00 P	14.73 P	16.53 ?	0.00 P	0.00 P
01/20/2021 19:00	0.00 P	0.00 P	13.97 C	0.00 P	0.00 P
01/20/2021 20:00	0.00 P	0.00 P	14.17 C	0.00 P	0.00 P
01/20/2021 21:00	0.00 P	0.00 P	1.80 P	0.00 P	0.00 P
01/20/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/20/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/21/2021 17:00	0.00 P	0.00 P	0.00 P	6.15 P	7.60 P
01/21/2021 18:00	0.00 P	0.00 P	0.00 P	13.11 P	19.48 ?
01/21/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	37.51 C
01/21/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	37.35 C
01/21/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	6.11 P
01/21/2021 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
01/21/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/22/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/23/2021 16:00	0.00 P	0.00 P	6.67 P	6.39 P	0.00 P
01/23/2021 17:00	6.86 P	0.00 P	15.74 ?	15.95 ?	7.99 P
01/23/2021 18:00	19.36 ?	0.00 P	15.59 C	12.70 C	19.45 ?
01/23/2021 19:00	13.35 P	0.00 P	10.46 P	11.37 P	15.57 C
01/23/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	36.74
01/23/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	36.60 ?
01/23/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	5.68 P
01/23/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 10:00	0.00 P	0.00 P	0.00 P	8.39 P	0.00 P
01/24/2021 11:00	0.00 P	0.00 P	0.00 P	8.69 P	0.00 P
01/24/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 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
01/24/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 17:00	0.00 P	2.35 P	0.00 P	7.43 P	0.00 P
01/24/2021 18:00	0.00 P	19.02 ?	10.96 P	19.27 ?	0.00 P
01/24/2021 19:00	0.00 P	10.06 P	12.44 ?	11.90 P	0.00 P
01/24/2021 20:00	0.00 P	0.00 P	6.21 P	0.00 P	0.00 P
01/24/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/24/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 17:00	0.00 P	1.59 P	0.00 P	0.00 P	0.00 P
01/25/2021 18:00	0.00 P	12.31 ?	0.00 P	0.00 P	0.00 P
01/25/2021 19:00	0.00 P	5.06 P	0.00 P	0.00 P	0.00 P
01/25/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/25/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/26/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/27/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/27/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/27/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/27/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/27/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/27/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
01/27/2021 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
02/04/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 16:00	7.33 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 17:00	24.32 ?	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 18:00	23.22 ?	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 19:00	3.28 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/04/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/05/2021 21:00	0.00 P	0.00 P	0.00 P	N/A ?	0.00 P
02/05/2021 22:00	0.00 P	0.00 P	0.00 P	N/A ?	0.00 P
02/05/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 05:00	N/A ?	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 06:00	N/A ?	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 07:00	N/A ?	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 09:00	-0.13 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 13:00	0.00 P	-0.52 P	0.00 P	0.00 P	0.00 P
02/06/2021 14:00	0.00 P	-0.31 P	0.00 P	0.00 P	0.00 P
02/06/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 17:00	0.00 P	0.00 P	-0.24 P	0.00 P	0.00 P
02/06/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/06/2021 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
02/14/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/15/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/15/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/15/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/15/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/15/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/15/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/15/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/15/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/15/2021 08:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 09:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 10:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 11:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 12:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 13:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 14:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 15:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 16:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 17:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 18:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 19:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 20:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 21:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 22:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/15/2021 23:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 00:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 01:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 02:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 03:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 04:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 05:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 06:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 07:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 08:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 09:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 10:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 11:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 12:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 13:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 14:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 15:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 16:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 17:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 18:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 19:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 20:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 21:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 22:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/16/2021 23:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/17/2021 00:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/17/2021 01:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/17/2021 02:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/17/2021 03:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/17/2021 04:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/17/2021 05:00	0.00 P	N/A ?	8.17 P	4.97 P	6.58 P
02/17/2021 06:00	0.00 P	N/A ?	16.05 P	14.84 P	20.17 ?
02/17/2021 07:00	0.00 P	N/A ?	0.00 P	0.00 P	6.19 P
02/17/2021 08:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/17/2021 09:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/17/2021 10:00	0.00 P	N/A ?	0.00 P	0.00 P	0.00 P
02/17/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/17/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/17/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/17/2021 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
02/17/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/17/2021 16:00	0.00 P	0.00 P	2.19 P	0.00 P	0.00 P
02/17/2021 17:00	0.00 P	0.00 P	17.54 ?	8.12 P	18.94 ?
02/17/2021 18:00	0.00 P	0.00 P	13.62 C	13.71 C	18.32 C
02/17/2021 19:00	0.00 P	0.00 P	11.36 P	7.23 P	31.94 C
02/17/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	44.38 C
02/17/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	44.67 C
02/17/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	14.88 P
02/17/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 05:00	0.00 P	0.00 P	12.28 P	0.00 P	0.00 P
02/18/2021 06:00	0.00 P	0.00 P	17.59 ?	0.00 P	0.00 P
02/18/2021 07:00	0.00 P	0.00 P	1.58 P	0.00 P	0.00 P
02/18/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 15:00	0.91 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 16:00	5.06 P	0.00 P	-0.49 P	-0.15 P	-0.12 P
02/18/2021 17:00	0.00 P	0.00 P	17.66 ?	16.44 ?	18.44 ?
02/18/2021 18:00	0.00 P	0.00 P	17.66	18.93 C	18.85
02/18/2021 19:00	0.00 P	0.00 P	17.37 C	19.14 C	16.63 C
02/18/2021 20:00	0.00 P	0.00 P	18.22	10.48 P	7.09 P
02/18/2021 21:00	0.00 P	0.00 P	14.06 P	0.00 P	0.00 P
02/18/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/18/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/19/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 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
02/20/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/20/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/21/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	37.91 ?
02/22/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	15.20 P
02/22/2021 08:00	0.00 P	N/A ?	N/A ?	0.00 P	0.00 P
02/22/2021 09:00	0.00 P	N/A ?	N/A ?	0.00 P	0.00 P
02/22/2021 10:00	0.00 P	N/A ?	N/A ?	0.00 P	0.00 P
02/22/2021 11:00	0.00 P	0.00 P	N/A ?	0.00 P	0.00 P
02/22/2021 12:00	0.00 P	0.00 P	N/A ?	0.00 P	0.00 P
02/22/2021 13:00	0.00 P	0.00 P	N/A ?	0.00 P	0.00 P
02/22/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 17:00	-0.29 P	0.00 P	0.00 P	0.00 P	38.83 ?
02/22/2021 18:00	16.83 C	0.00 P	0.00 P	0.00 P	38.67 ?
02/22/2021 19:00	5.55 P	0.00 P	0.00 P	0.00 P	6.22 P
02/22/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/22/2021 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
02/22/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 16:00	-0.27 P	0.00 P	0.00 P	-0.18 P	-0.06 P
02/23/2021 17:00	22.65 ?	0.00 P	0.00 P	14.71 C	16.86 ?
02/23/2021 18:00	15.66 P	0.00 P	0.00 P	5.15 P	23.86
02/23/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	41.91 C
02/23/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	6.15 P
02/23/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/23/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/24/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 08:00	0.00 P	2.71 P	0.00 P	0.00 P	0.00 P
02/25/2021 09:00	0.00 P	4.55 P	0.00 P	0.00 P	0.00 P
02/25/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 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
02/25/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 16:00	-0.16 P	0.00 P	0.00 P	-0.10 P	-0.09 P
02/25/2021 17:00	18.11 ?	0.00 P	0.00 P	13.77 C	19.35 ?
02/25/2021 18:00	22.26	0.00 P	0.00 P	23.15 C	22.16
02/25/2021 19:00	5.81 P	0.00 P	0.00 P	22.35 ?	2.58 P
02/25/2021 20:00	0.00 P	0.00 P	0.00 P	1.09 P	0.00 P
02/25/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/25/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/26/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 16:00	-0.21 P	-0.04 P	0.00 P	0.00 P	0.00 P
02/27/2021 17:00	16.67 ?	16.21 C	0.00 P	0.00 P	0.00 P
02/27/2021 18:00	16.06 P	7.58 P	0.00 P	0.00 P	0.00 P
02/27/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/27/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 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
02/28/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 16:00	-0.20 P	0.00 P	0.00 P	-0.10 P	-0.09 P
02/28/2021 17:00	16.98 ?	2.78 P	0.00 P	15.51 ?	15.88 ?
02/28/2021 18:00	11.63 P	20.14 C	0.00 P	10.78 P	27.87
02/28/2021 19:00	0.00 P	20.26 C	0.00 P	0.00 P	43.63 C
02/28/2021 20:00	0.00 P	11.22 P	0.00 P	0.00 P	16.91 P
02/28/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
02/28/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 05:00	6.48 P	4.99 P	0.00 P	6.72 P	7.84 P
03/01/2021 06:00	15.25 P	17.64 P	0.00 P	15.27 P	15.37 P
03/01/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 17:00	6.71 P	6.84 P	0.00 P	6.77 P	24.58 ?
03/01/2021 18:00	19.09 ?	21.93 C	0.00 P	18.38 ?	18.51
03/01/2021 19:00	18.78	21.50 C	0.00 P	18.52	18.75
03/01/2021 20:00	18.75 C	17.89 P	0.00 P	18.15 P	17.87 P
03/01/2021 21:00	2.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/01/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 16:00	0.00 P	0.00 P	0.00 P	-0.13 P	-0.09 P
03/02/2021 17:00	7.02 P	8.21 P	0.00 P	11.35 ?	11.74 ?
03/02/2021 18:00	19.72 C	21.16 ?	0.00 P	18.58	18.12
03/02/2021 19:00	18.87 C	20.92 C	0.00 P	18.95 C	18.52 C
03/02/2021 20:00	18.14 C	16.04 P	0.00 P	11.10 P	5.48 P
03/02/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/02/2021 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
03/02/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 09:00	1.90 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 10:00	20.49 C	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 11:00	18.31 C	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 12:00	25.12 C	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 13:00	2.96 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 17:00	7.43 P	7.62 P	0.00 P	6.99 P	6.93 P
03/03/2021 18:00	19.40 ?	20.42 ?	0.00 P	17.52 ?	13.18 P
03/03/2021 19:00	7.48 P	2.36 P	0.00 P	1.89 P	0.00 P
03/03/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/03/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 16:00	0.00 P	0.00 P	0.00 P	-0.13 P	-0.09 P
03/04/2021 17:00	1.91 P	2.95 P	0.00 P	12.20 ?	11.51 ?
03/04/2021 18:00	19.86 ?	19.53 ?	0.00 P	19.07	12.66
03/04/2021 19:00	19.11 C	15.73 P	0.00 P	17.63 C	11.32 P
03/04/2021 20:00	7.23 P	0.00 P	0.00 P	19.82 ?	0.00 P
03/04/2021 21:00	0.00 P	0.00 P	0.00 P	1.81 P	0.00 P
03/04/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/04/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 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
03/05/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 16:00	-0.33 P	-0.27 P	0.00 P	0.00 P	0.00 P
03/05/2021 17:00	16.21 ?	13.10 ?	0.00 P	2.01 P	0.00 P
03/05/2021 18:00	20.00	21.06	0.00 P	18.60 ?	11.92 ?
03/05/2021 19:00	11.46 P	4.54 P	0.00 P	9.58 P	5.12 P
03/05/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/05/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 13:00	0.00 P	0.00 P	0.00 P	-0.25 P	0.00 P
03/06/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 16:00	-0.12 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 17:00	24.33 ?	-0.33 P	0.00 P	0.00 P	0.00 P
03/06/2021 18:00	27.10	11.95 ?	0.00 P	0.00 P	0.00 P
03/06/2021 19:00	22.35 C	12.14 ?	0.00 P	0.00 P	0.00 P
03/06/2021 20:00	3.83 P	1.88 P	0.00 P	0.00 P	0.00 P
03/06/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/06/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 15:00	-0.19 P	0.00 P	0.00 P	0.00 P	0.00 P
03/07/2021 16:00	16.90 ?	13.16 P	0.00 P	11.17 P	7.39 P
03/07/2021 17:00	18.58	13.81 ?	0.00 P	12.50 ?	12.16 ?
03/07/2021 18:00	19.57 C	22.28 C	0.00 P	18.61 C	13.54 C
03/07/2021 19:00	19.77	19.47	0.00 P	18.55	12.10
03/07/2021 20:00	7.18 P	6.55 P	0.00 P	6.25 P	26.24
03/07/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	37.51
03/07/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	34.72
03/07/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	34.71 ?
03/08/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	4.37 P
03/08/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 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
03/08/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 17:00	-0.27 P	-0.35 P	0.00 P	0.00 P	0.00 P
03/08/2021 18:00	15.41 ?	13.60 ?	0.00 P	0.00 P	34.04 ?
03/08/2021 19:00	17.67 ?	18.53 ?	0.00 P	0.00 P	43.09 ?
03/08/2021 20:00	1.78 P	2.24 P	0.00 P	0.00 P	5.07 P
03/08/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/08/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 17:00	-0.16 P	-0.39 P	0.00 P	0.00 P	0.00 P
03/09/2021 18:00	15.33 ?	12.50 ?	0.00 P	0.00 P	34.24 ?
03/09/2021 19:00	6.09 P	4.40 P	0.00 P	0.00 P	38.97 ?
03/09/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	4.28 P
03/09/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/09/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 06:00	4.06 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 07:00	14.10 ?	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 08:00	14.58 C	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 09:00	14.47 C	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 10:00	1.95 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 16:00	-0.29 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 17:00	18.70 ?	-0.45 P	0.00 P	0.00 P	39.65 ?
03/10/2021 18:00	18.61	17.63 ?	0.00 P	0.00 P	37.94
03/10/2021 19:00	20.48	18.80 C	0.00 P	0.00 P	42.71 C
03/10/2021 20:00	7.58 P	3.26 P	0.00 P	0.00 P	9.46 P
03/10/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/10/2021 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
03/10/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 17:00	-0.26 P	-0.47 P	0.00 P	0.00 P	0.00 P
03/11/2021 18:00	16.99 ?	16.63 ?	0.00 P	0.00 P	35.68 ?
03/11/2021 19:00	4.90 P	7.51 P	0.00 P	0.00 P	39.14
03/11/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	14.60 P
03/11/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/11/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	34.81 ?
03/12/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	15.04 P
03/12/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/12/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/13/2021 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
03/16/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 16:00	-0.20 P	0.00 P	0.00 P	0.00 P	N/A ?
03/16/2021 17:00	18.21 ?	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 18:00	14.63 C	9.06 P	0.00 P	0.00 P	0.00 P
03/16/2021 19:00	19.06	18.44 ?	0.00 P	0.00 P	0.00 P
03/16/2021 20:00	7.27 P	8.72 P	0.00 P	0.00 P	0.00 P
03/16/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/16/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 04:00	-0.23 P	-0.46 P	0.00 P	0.00 P	0.00 P
03/17/2021 05:00	16.30 ?	19.78 ?	0.00 P	0.00 P	0.00 P
03/17/2021 06:00	20.21 ?	22.16 ?	0.00 P	0.00 P	0.00 P
03/17/2021 07:00	2.17 P	3.11 P	0.00 P	0.00 P	0.00 P
03/17/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 17:00	-0.32 P	9.12 P	0.00 P	0.00 P	0.00 P
03/17/2021 18:00	14.15 ?	15.98 ?	0.00 P	0.00 P	0.00 P
03/17/2021 19:00	11.90 P	12.09 P	0.00 P	0.00 P	0.00 P
03/17/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/17/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 05:00	6.77 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 06:00	15.37 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/18/2021 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
03/21/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/21/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/21/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/21/2021 18:00	0.00 P	0.00 P	1.52 P	0.00 P	0.00 P
03/21/2021 19:00	0.00 P	0.00 P	17.32 ?	0.00 P	0.00 P
03/21/2021 20:00	0.00 P	0.00 P	5.39 P	0.00 P	0.00 P
03/21/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/21/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/21/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/22/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/23/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 04:00	11.02 P	8.01 P	6.28 P	0.00 P	0.00 P
03/24/2021 05:00	16.67 ?	18.81 ?	12.79 C	0.00 P	29.38 P
03/24/2021 06:00	14.69 C	11.93 P	11.90 P	0.00 P	42.32 C

Period Start:	Average NH3Slip_1 ppmvd	Average NH3Slip_2 ppmvd	Average NH3Slip_3 ppmvd	Average NH3Slip_4 ppmvd	Average NH3Slip_5 ppmvd
03/24/2021 07:00	2.33 P	0.00 P	0.00 P	0.00 P	6.99 P
03/24/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/24/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 07:00	0.00 P	0.00 P	7.75 P	0.00 P	0.00 P
03/25/2021 08:00	0.00 P	0.00 P	7.85 P	0.00 P	0.00 P
03/25/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 17:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 18:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 19:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/25/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 05:00	0.00 P	0.00 P	3.01 P	0.00 P	0.00 P
03/26/2021 06:00	0.00 P	0.00 P	5.06 P	0.00 P	0.00 P
03/26/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 17:00	1.65 P	0.00 P	0.00 P	0.00 P	6.97 P
03/26/2021 18:00	19.82 ?	0.00 P	0.00 P	0.00 P	43.64 ?
03/26/2021 19:00	7.76 P	0.00 P	0.00 P	0.00 P	45.94 ?
03/26/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	16.60 P
03/26/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/26/2021 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
03/26/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 17:00	-0.30 P	-0.43 P	-0.21 P	0.00 P	0.00 P
03/27/2021 18:00	18.13 ?	19.32 ?	7.48 C	0.00 P	40.40 ?
03/27/2021 19:00	9.24 P	10.51 P	7.52 P	0.00 P	19.87 P
03/27/2021 20:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/27/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 16:00	-0.06 P	0.00 P	-0.23 P	0.00 P	0.00 P
03/28/2021 17:00	16.09 ?	3.02 P	13.51 C	0.00 P	40.07 ?
03/28/2021 18:00	19.96	21.27 ?	20.15 C	0.00 P	44.57
03/28/2021 19:00	20.21 C	11.42 P	12.31 P	0.00 P	33.48 P
03/28/2021 20:00	23.30 C	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 21:00	2.86 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/28/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 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
03/29/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 17:00	2.00 P	-0.28 P	-0.12 P	0.00 P	0.00 P
03/29/2021 18:00	19.70 ?	17.09 ?	15.96 ?	0.00 P	0.00 P
03/29/2021 19:00	21.20	20.15	20.99	0.00 P	0.00 P
03/29/2021 20:00	7.85 P	13.83 P	15.59 P	0.00 P	0.00 P
03/29/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/29/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 04:00	0.00 P	0.00 P	2.19 P	0.00 P	0.00 P
03/30/2021 05:00	0.00 P	0.00 P	14.00 ?	0.00 P	0.00 P
03/30/2021 06:00	0.00 P	0.00 P	13.63 ?	0.00 P	0.00 P
03/30/2021 07:00	0.00 P	0.00 P	2.21 P	0.00 P	0.00 P
03/30/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 16:00	-0.23 P	-0.30 P	-0.18 P	0.00 P	0.00 P
03/30/2021 17:00	15.57 ?	14.69 ?	15.23 ?	0.00 P	36.50 ?
03/30/2021 18:00	19.28	21.80	20.55	0.00 P	39.35
03/30/2021 19:00	20.23 C	20.15	20.04	0.00 P	44.46 C
03/30/2021 20:00	13.05 P	5.84 P	6.47 P	0.00 P	43.60 C
03/30/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	5.34 P
03/30/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/30/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 00:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 01:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 02:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 03:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 04:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 05:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 06:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 07:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 08:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 09:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 10:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 11:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 12:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 13:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 14:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 15:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 16:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 17:00	1.97 P	7.46 P	2.24 P	0.00 P	6.92 P
03/31/2021 18:00	19.74 ?	20.88 ?	18.92 ?	0.00 P	45.09 ?
03/31/2021 19:00	20.42 C	22.45	19.99	0.00 P	41.56 P
03/31/2021 20:00	14.41 P	9.73 P	7.80 P	0.00 P	0.00 P
03/31/2021 21:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 22:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P
03/31/2021 23:00	0.00 P	0.00 P	0.00 P	0.00 P	0.00 P