SUNDAY NIGHT - FEBRUARY 3, 2013

Visible Emissions Evaluation

Facility Name	ECC FLOYD BENNETT FIELD
AVOGADRO Project No.	12-9191
Location (city, state)	BROOKLYN, NY
Type of Facility	DEBRIS REMOVAL
Control Equipment / Emission Source	ACB 1
Date of Observation	2/3/2013
Start Time	2128
Stop Time	2344
Distance from observer (ft)	150'
Direction from observer	E
Stack height (fr. observer's elev.) (ft)	9'
Stack Diameter (in)	27' x 9'
Description of plume:	
continuous? fugitive? intermittent?	CONTINUOUS
color	WHITE
water drops present? (Y/N)	No
attached steam plume? (Y/N)	No
detached steam plume? (Y/N)	No
secondary plume? (Y/N)	No
point where opacity read	1-3 CONEX LENGTHS
target?	SKY
describe background to plume	SKY
unique features of plume or stack	—
Weather:	
ambient temperature (F)	28 °F
relative humidity	62 %
wind direction	W
wind speed	5-10 mph
barometric pressure	29.83 in
rain? fog? snow? haze?	clear
Glasses worn:	
corrective? (Y/N)	No
sunglasses? (Y/N)	No

Observer's name	AARON T. JOHNSON
Observer certification date	Night 1/6/2013
Certifying agency	WHITLOW ENTERPRISES
Observer affiliation	AVOGADRO ENV. CORP.

Run Number(s) and Description

ACB 1 - RUNS # 33 - 38

sec	0	15	30	45
min	Run 33 Time: 2128			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				
	Run 34 Time: 2134			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				
	Run 35 Time: 2140			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				
	Run Time:			
1				
2				
3				
4				
5				
6				
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 34 Time: 2134			
1	5	5	0	0
2	0	5	0	5
3	5	5	5	0
4	0	0	5	5
5	0	5	0	0
6	5	0	5	0
6-minute Average: 2.5				
Source Conditions:				
Sun Angle (degrees):				
	Run 35 Time: 2140			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average: 5				
Source Conditions:				
Sun Angle (degrees):				
	Run 36 Time: 2146			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				
	Run Time:			
1				
2				
3				
4				
5				
6				
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				

Range of opacity readings: low 0 high 5

Number of readings above 10 % were 0

Observer's Signature

SUNDAY NIGHT - FEBRUARY 3, 2013

Visible Emissions Evaluation

Facility Name	ECC FLOYD BENNETT FIELD
AVOGADRO Project No.	12-9191
Location (city, state)	BROOKLYN, NY
Type of Facility	DEBRIS REMOVAL
Control Equipment / Emission Source	ACB1
Date of Observation	2/3/2013
Start Time	1800
Stop Time	2108
Distance from observer (ft)	150'
Direction from observer	E
Stack height (fr. observer's elev.) (ft)	9'
Stack Diameter (in)	27'x9'
Description of plume:	
continuous? fugitive? intermittent?	CONTINUOUS
color	WHITE
water drops present? (Y/N)	No
attached steam plume? (Y/N)	No
detached steam plume? (Y/N)	No
secondary plume? (Y/N)	No
point where opacity read	1-3 CONEX LENGTHS
target?	SKY
describe background to plume	SKY
unique features of plume or stack	—
Weather:	
ambient temperature (F)	30 °F
relative humidity	47 %
wind direction	NW
wind speed	0-10 mph
barometric pressure	29.81 in
rain? fog? snow? haze?	clear
Glasses worn:	
corrective? (Y/N)	No
sunglasses? (Y/N)	No

Observer's name	AARON T. JOHNSON
Observer certification date	1/6/2013
Certifying agency	WHITLOW ENTERPRISES
Observer affiliation	AVOGADRO ENV. CORP.

Run Number(s) and Description

ACB1 - RUNS # 25 - 32

sec	0	15	30	45
min	Run 25 Time: 1800			
1	0	5	5	5
2	0	0	5	5
3	0	5	0	5
4	5	0	5	0
5	0	5	5	0
6	0	0	0	5
6-minute Average:	2.5			
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 26 Time: 1830			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 27 Time: 1848			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 28 Time: 1918			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 29 Time: 1948			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 30 Time: 2018			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 31 Time: 2048			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 32 Time: 2108			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				

Range of opacity readings:

low 0 high 5

Number of readings above 10 % were 0

Observer's Signature

Visible Emissions Evaluation

Facility Name	ECC/Floyd Bennett Field
AVOGADRO Project No.	12-9191
Location (city, state)	Brooklyn, NY
Type of Facility	national park
Control Equipment / Emission Source	ACB #1
Date of Observation	2/3/13
Start Time	1410
Stop Time	1652
Distance from observer (ft)	150'
Direction from observer	N
Stack height (fr. observer's elev.) (ft)	10'
Stack Diameter (in)	no stack
Description of plume:	
continuous? fugitive? intermittent?	intermi.
color	gray
water drops present? (Y/N)	N
attached steam plume? (Y/N)	N
detached steam plume? (Y/N)	N
secondary plume? (Y/N)	N
point where opacity read	above barrier
target?	
describe background to plume	cloudy sky
unique features of plume or stack	no stack
Weather:	
ambient temperature (F)	25°
relative humidity	
wind direction	NW
wind speed	5-10
barometric pressure	
rain? fog? snow? haze?	no
Glasses worn:	
corrective? (Y/N)	N
sunglasses? (Y/N)	N

Observer's name	William Reamy
Observer certification date	10-10-12
Certifying agency	Whitlow Enter.
Observer affiliation	Stack Hawk Envir.

Run Number(s) and Description: 17-23

sec	0	15	30	45
min	Run 17	Time:	1410	
1	0	0	0	0
2	5	5	0	5
3	5	0	0	0
4	5	0	0	0
5	0	0	5	0
6	0	5	5	0
6-minute Average:			1.7	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
	Run 18	Time:	1436	
1	0	5	5	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	5	0	0
6-minute Average:			0.6	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
	Run 19	Time:	1502	
1	0	0	0	0
2	5	0	0	0
WW 3	0	0	0	0
WW 4	0	0	0	0
5	0	0	5	0
6	0	0	0	5
6-minute Average:			0.6	
Source Conditions:				
Sun Angle (degrees):			+10	
	Run 20	Time:	1528	
1	0	5	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	5
6-minute Average:			0.4	
Source Conditions:				
Sun Angle (degrees):			+15	

sec	0	15	30	45
min	Run 21	Time:	1554	
1	0	5	0	0
2	0	0	5	0
3	0	0	5	5
4	0	5	30	40
5	30	10	10	10
6	5	5	5	5
6-minute Average:			7.3	
Source Conditions:			MIXING WOOL	
Sun Angle (degrees):			NO SUN	
	Run 22	Time:	1620	
1	0	0	0	0
2	0	5	0	0
3	0	0	0	0
4	0	0	5	0
5	0	0	0	0
6	0	0	0	5
6-minute Average:			0.6	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
	Run 23	Time:	1646	
1	0	0	5	5
2	0	0	0	0
3	0	5	0	0
4	0	5	0	5
5	0	5	0	0
6	0	0	0	5
6-minute Average:			1.5	
Source Conditions:				
Sun Angle (degrees):			+30	
	Run	Time:		
1				
2				
3				
4				
5				
6				
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				

Range of opacity readings: low 0 high 40

Number of readings above 10 % were 3

W H Reamy

Observer's Signature

AVOGADRO ENVIRONMENTAL CORPORATION, Easton Pa

Visible Emissions Evaluation

Facility Name	ECC/Floyd Bennett Field
AVOGADRO Project No.	12-9191
Location (city, state)	Brooklyn, NY
Type of Facility	national park
Control Equipment / Emission Source	ACB #1
Date of Observation	2/3/13
Start Time	1042
Stop Time	1350
Distance from observer (ft)	150'
Direction from observer	N
Stack height (fr. observer's elev.) (ft)	10'
Stack Diameter (in)	no stack

Description of plume:

continuous? fugitive? intermittent?	intes m.
color	gray
water drops present? (Y/N)	N
attached steam plume? (Y/N)	N
detached steam plume? (Y/N)	N
secondary plume? (Y/N)	N
point where opacity read	above barrier
target?	
describe background to plume	gray sky
unique features of plume or stack	no stack

Weather:

ambient temperature (F)	25°
relative humidity	
wind direction	NE
wind speed	5-10
barometric pressure	
rain? fog? snow? haze?	no

Glasses worn:

corrective? (Y/N)	N
sunglasses? (Y/N)	N

Observer's name	William Reamy
Observer certification date	10-10-12
Certifying agency	Whitlow Enter.
Observer affiliation	Stack Hawk Envir.

Run Number(s) and Description: 9-16

sec	0	15	30	45
min	Run 9 Time:		1042	
1	5	0	0	0
2	5	5	0	0
3	0	0	5	0
4	0	0	0	0
5	0	5	0	0
6	5	0	0	0
6-minute Average:			1,3	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
	Run 10 Time:		1108	
1	0	0	5	10
2	5	0	0	0
3	5	10	15	20
4	20	25	20	30
5	20	30	30	25
6	20	20	20	15
6-minute Average:			14,4	
Source Conditions:			ADDING WOOD	
Sun Angle (degrees):			NO SUN	
	Run 11 Time:		1134	
1	0	0	0	10
2	0	0	0	5
3	0	5	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0,4	
Source Conditions:				
Sun Angle (degrees):			+5	
	Run 12 Time:		1200	
1	10	5	5	0
2	5	10	5	5
3	0	5	5	0
4	0	5	0	0
5	0	0	5	0
6	0	0	5	0
6-minute Average:			2,9	
Source Conditions:				
Sun Angle (degrees):			+15	

sec	0	15	30	45
min	Run 13 Time:		1220	
1	0	5	5	0
2	0	0	0	0
3	0	0	0	0
4	0	0	5	0
5	0	0	0	0
6	0	5	0	0
6-minute Average:			0,8	
Source Conditions:				
Sun Angle (degrees):			+20	
	Run 14 Time:		1252	
1	5	0	5	0
2	0	5	0	0
3	0	5	0	0
4	0	0	0	5
5	0	0	0	5
6	0	0	0	0
6-minute Average:			1,3	
Source Conditions:				
Sun Angle (degrees):			-30	
	Run 15 Time:		1318	
1	10	5	10	5
2	5	5	10	10
3	5	5	5	5
4	5	10	5	5
5	5	5	5	5
6	0	5	5	5
6-minute Average:			5,8	
Source Conditions:				
Sun Angle (degrees):			-25	
	Run 16 Time:		1344	
1	5	5	0	5
2	0	0	0	0
3	0	5	0	0
4	0	0	5	0
5	0	0	0	5
6	10	10	0	5
6-minute Average:			2,3	
Source Conditions:				
Sun Angle (degrees):			NO SUN	

Range of opacity readings: low 0 high 30

Number of readings above 10 % were 14

WM Reamy

Observer's Signature

AVOGADRO ENVIRONMENTAL CORPORATION, Easton Pa

Visible Emissions Evaluation

Facility Name	ECC/Floyd Bennett Field
AVOGADRO Project No.	12-9191
Location (city, state)	Brooklyn, NY
Type of Facility	national park
Control Equipment / Emission Source	ACB #1
Date of Observation	2/3/13
Start Time	0714
Stop Time	1022
Distance from observer (ft)	150'
Direction from observer	NNW
Stack height (fr. observer's elev.) (ft)	10'
Stack Diameter (in)	no stack

Description of plume:

continuous? fugitive? intermittent?	intermit.
color	gray
water drops present? (Y/N)	N
attached steam plume? (Y/N)	N
detached steam plume? (Y/N)	N
secondary plume? (Y/N)	N
point where opacity read	above barrier
target?	
describe background to plume	cloudy sky
unique features of plume or stack	no stack

Weather:

ambient temperature (F)	25°
relative humidity	
wind direction	NE
wind speed	5-10
barometric pressure	
rain? fog? snow? haze?	no

Glasses worn:

corrective? (Y/N)	N
sunglasses? (Y/N)	N

Observer's name	William Reamy
Observer certification date	10-10-12
Certifying agency	Whitlow Enter.
Observer affiliation	Stack Hawk Envir.

Run Number(s) and Description: 1-8

sec	0	15	30	45
min	Run 1	Time:	0714	
1	5	5	5	5
2	0	0	5	5
3	0	5	5	0
4	5	5	0	5
5	5	5	5	0
6	5	5	0	0
6-minute Average:			3,3	
Source Conditions:				
Sun Angle (degrees):			NO SUN	

sec	0	15	30	45
min	Run 5	Time:	0858	
1	5	5	5	5
2	5	5	5	5
3	5	5	10	5
4	5	10	10	5
5	10	10	10	10
6	10	5	5	5
6-minute Average:			6,7	
Source Conditions:				
Sun Angle (degrees):			NO SUN	

	Run 2	Time:	0740	
1	5	5	0	0
2	5	5	5	0
3	0	5	0	0
4	5	5	5	0
5	0	5	5	0
6	5	0	5	5
6-minute Average:			2,9	
Source Conditions:				
Sun Angle (degrees):			~40	

	Run 6	Time:	0924	
1	0	0	0	5
2	0	5	5	0
3	0	0	0	0
4	0	5	0	0
5	5	0	0	5
6	0	0	0	5
6-minute Average:			1,5	
Source Conditions:				
Sun Angle (degrees):			NO SUN	

	Run 3	Time:	0806	
1	0	0	5	0
2	0	0	0	5
3	0	0	0	5
4	0	5	0	0
5	0	0	0	0
6	0	5	0	5
6-minute Average:			1,3	
Source Conditions:				
Sun Angle (degrees):			~35	

	Run 7	Time:	0950	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	5	0	0	0
5	0	0	0	0
6	0	0	5	0
6-minute Average:			0,4	
Source Conditions:				
Sun Angle (degrees):			NO SUN	

	Run 4	Time:	0832	
1	5	0	5	0
2	5	5	5	15
3	15	5	5	0
4	0	5	0	0
5	0	10	5	0
6	5	0	0	0
6-minute Average:			3,8	
Source Conditions:				
Sun Angle (degrees):			~30	

	Run 8	Time:	1016	
1	10	15	10	10
2	10	10	5	5
3	0	5	0	5
4	0	5	0	5
5	0	5	0	0
6	0	0	5	15
6-minute Average:			5,0	
Source Conditions:				
Sun Angle (degrees):			NO SUN	

Range of opacity readings: low 0 high 15

Number of readings above 10 % were 4

W M Reamy

Observer's Signature

AVOGADRO ENVIRONMENTAL CORPORATION, Easton Pa

SUNDAY EARLY MORNING — FEBRUARY 3, 2013

Visible Emissions Evaluation

Facility Name	ECC FLOYD BENNETT FIELD
AVOGADRO Project No.	12-9191
Location (city, state)	BROOKLYN, NY
Type of Facility	DEBRIS REMOVAL
Control Equipment / Emission Source	ACB 1
Date of Observation	2/3/2013
Start Time	0024
Stop Time	0342
Distance from observer (ft)	150'
Direction from observer	NE
Stack height (fr. observer's elev.) (ft)	9'
Stack Diameter (in)	27" x 9'
Description of plume:	
continuous? fugitive? intermittent?	CONTINUOUS
color	WHITE
water drops present? (Y/N)	No
attached steam plume? (Y/N)	No
detached steam plume? (Y/N)	No
secondary plume? (Y/N)	No
point where opacity read	1-3 CONFX LENGTHS
target?	SKY
describe background to plume	SKY
unique features of plume or stack	—
Weather:	
ambient temperature (F)	26 °F
relative humidity	77 %
wind direction	SW
wind speed	0-10 mph
barometric pressure	30.09 in
rain? fog? snow? haze?	SNOWY, NIGHT
Glasses worn:	
corrective? (Y/N)	No
sunglasses? (Y/N)	No

Observer's name	AARON T. JOHNSON
Observer certification date	night 1/6/2013
Certifying agency	WHITLOW ENTERPRISES
Observer affiliation	AVOGADRO ENV. CORP.

Run Number(s) and Description

ACB 1 - RUNS # 1 - 8

sec	0	15	30	45
min	Run 1 Time: 0024			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average: 5				
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 2 Time: 0050			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average: 5				
Source Conditions:				
Sun Angle (degrees):				

	Run 3 Time: 0116			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average: 5				
Source Conditions:				
Sun Angle (degrees):				

	Run 4 Time: 0142			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				

	Run 5 Time: 0218			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average: 5				
Source Conditions:				
Sun Angle (degrees):				

	Run 6 Time: 0244			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average: 5				
Source Conditions:				
Sun Angle (degrees):				

	Run 7 Time: 0310			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average: 5				
Source Conditions:				
Sun Angle (degrees):				

	Run 8 Time: 0336			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				

Range of opacity readings:

low 0 high 5

Number of readings above 10 % were 0

Observer's Signature

Sunday Morning - February 3, 2013

Visible Emissions Evaluation

Facility Name	ECC Floyd Bennett Field
AVOGADRO Project No.	12-9191
Location (city, state)	Brooklyn, NY
Type of Facility	Debris Removal
Control Equipment / Emission Source	ACB 2
Date of Observation	2/3/2013
Start Time	402
Stop Time	552
Distance from observer (ft)	150'
Direction from observer	NE
Stack height (fr. observer's elev.) (ft)	8'
Stack Diameter (in)	20' x 8'
Description of plume:	
continuous? fugitive? intermittent?	Continuous
color	White
water drops present? (Y/N)	No
attached steam plume? (Y/N)	No
detached steam plume? (Y/N)	No
secondary plume? (Y/N)	No
point where opacity read	1-3 Conex Lengths
target?	Sky
describe background to plume	Sky
unique features of plume or stack	—
Weather:	
ambient temperature (F)	26 °F
relative humidity	82 %
wind direction	NE
wind speed	0-5 mph
barometric pressure	30.0 in
rain? fog? snow? haze?	Snowy Night
Glasses worn:	
corrective? (Y/N)	No
sunglasses? (Y/N)	No

Observer's name	Aaron T. Johnson
Observer certification date	1/6/2013
Certifying agency	Whitlow Enterprises
Observer affiliation	Avogadro Env. Corp.

Run Number(s) and Description: ACB 2 - Runs # 9 - 13

sec	0	15	30	45
min	Run 9 Time: 402			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				
	Run 11 Time: 445			
1	5	5	5	0
2	0	0	5	5
3	0	5	0	0
4	0	0	5	5
5	0	5	0	5
6	5	0	5	0
6-minute Average: 2.5				
Source Conditions:				
Sun Angle (degrees):				
	Run 13 Time: 516			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				
	Run Time:			
1				
2				
3				
4				
5				
6				
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 10 Time: 423			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				
	Run 12 Time: 459			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				
	Run Time:			
1				
2				
3				
4				
5				
6				
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				

Range of opacity readings: low 0 high 5

Number of readings above 10 % were 0

Observer's Signature

AVOGADRO ENVIRONMENTAL CORPORATION, Easton Pa

Sunday Early Morning - February 3, 2013

Visible Emissions Evaluation

Facility Name	ECC Floyd Bennett Field
AVOGADRO Project No.	12-9191
Location (city, state)	Brooklyn, NY
Type of Facility	Debris Removal
Control Equipment / Emission Source	ACB 2
Date of Observation	2/3/2013
Start Time	0024
Stop Time	0342
Distance from observer (ft)	150'
Direction from observer	NE
Stack height (fr. observer's elev.) (ft)	8'
Stack Diameter (in)	20'x8'
Description of plume:	
continuous? fugitive? intermittent?	Continuous
color	White
water drops present? (Y/N)	No
attached steam plume? (Y/N)	No
detached steam plume? (Y/N)	No
secondary plume? (Y/N)	No
point where opacity read	1-3 Confer Lengths
target?	Sky
describe background to plume	Sky
unique features of plume or stack	—
Weather:	
ambient temperature (F)	26 °F
relative humidity	77 %
wind direction	SW
wind speed	0-10 mph
barometric pressure	30.09 in
rain? fog? snow? haze?	Snowy, night
Glasses worn:	
corrective? (Y/N)	No
sunglasses? (Y/N)	No

Observer's name	Aaron T. Johnson
Observer certification date	night 1/6/2013
Certifying agency	Whitlow Enterprises
Observer affiliation	Avogadro Env. Corp.

Run Number(s) and Description: ACB 2 - Runs # 1 - 8

sec	0	15	30	45
min	Run 1 Time: 0024			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				
	Run 2 Time: 0050			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				
	Run 3 Time: 0116			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				
	Run 4 Time: 0142			
1	0	5	5	5
2	0	5	0	0
3	0	0	5	5
4	0	5	5	0
5	5	0	5	0
6	0	5	0	5
6-minute Average:	2.5			
Source Conditions:				
Sun Angle (degrees):				
	Run 5 Time: 0218			
1	0	0	0	0
2	0	0	0	0
3	5	5	5	0
4	5	5	5	5
5	5	5	5	0
6	0	5	5	0
6-minute Average:	2.5			
Source Conditions:				
Sun Angle (degrees):				
	Run 6 Time: 0241			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				
	Run 7 Time: 0310			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				
	Run 8 Time: 0336			
1	10	10	10	10
2	10	10	10	10
3	10	10	10	10
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	7.5			
Source Conditions:				
Sun Angle (degrees):				

Range of opacity readings: low 0 high 10

Number of readings above 10 % were 0

Observer's Signature

SUNDAY MORNING – FEBRUARY 3, 2013

Visible Emissions Evaluation

Facility Name	ECC FLOYD BENNETT FIELD
AVOGADRO Project No.	12-9191
Location (city, state)	BROOKLYN, NY
Type of Facility	DEBRIS REMOVAL
Control Equipment / Emission Source	ACB1
Date of Observation	2/3/2013
Start Time	402
Stop Time	552
Distance from observer (ft)	150'
Direction from observer	NE
Stack height (fr. observer's elev.) (ft)	9'
Stack Diameter (in)	27' x 9'
Description of plume:	
continuous? fugitive? intermittent?	CONTINUOUS
color	WHITE
water drops present? (Y/N)	No
attached steam plume? (Y/N)	No
detached steam plume? (Y/N)	No
secondary plume? (Y/N)	No
point where opacity read	1-3 CONEX LENGTHS
target?	SKY
describe background to plume	SKY
unique features of plume or stack	
Weather:	
ambient temperature (F)	26 °F
relative humidity	82 %
wind direction	NE
wind speed	0-5 mph
barometric pressure	30.0 in
rain? fog? snow? haze?	SNOWY, NIGHT
Glasses worn:	
corrective? (Y/N)	No
sunglasses? (Y/N)	No

Observer's name	AARON T. JOHNSON
Observer certification date	night 1/6/2013
Certifying agency	WHITLOW ENTERPRISES
Observer affiliation	AVOGADRO ENV. CORP.

Run Number(s) and Description: ACB1 – RUNS # 9 – 13

sec	0	15	30	45
min	Run 9	Time: 0402		
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 10	Time: 0424		
1	5	5	0	0
2	0	0	5	0
3	0	5	5	0
4	0	0	5	5
5	5	0	5	5
6	0	5	5	0
6-minute Average:	2.5			
Source Conditions:				
Sun Angle (degrees):				

	Run 11	Time: 0446		
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				

	Run 12	Time: 0508		
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				

	Run	Time: 0530		
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				

	Run	Time: 0552		
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				

	Run	Time:		
1				
2				
3				
4				
5				
6				
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				

	Run	Time:		
1				
2				
3				
4				
5				
6				
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				

Range of opacity readings: low 0 high 5

Number of readings above 10 % were 0

Observer's Signature

AVOGADRO ENVIRONMENTAL CORPORATION Easton Pa

Visible Emissions Evaluation

Facility Name	ECC/Floyd Bennett Field
AVOGADRO Project No.	12-9191
Location (city, state)	Brooklyn, NY
Type of Facility	national park
Control Equipment / Emission Source	ACB #2
Date of Observation	2/3/13
Start Time	0714
Stop Time	1022
Distance from observer (ft)	150'
Direction from observer	NNW
Stack height (fr. observer's elev.) (ft)	10'
Stack Diameter (in)	no stack
Description of plume:	
continuous? fugitive? intermittent?	intermit.
color	gray
water drops present? (Y/N)	N
attached steam plume? (Y/N)	N
detached steam plume? (Y/N)	N
secondary plume? (Y/N)	N
point where opacity read	above barrier
target?	
describe background to plume	cloudy sky
unique features of plume or stack	no stack
Weather:	
ambient temperature (F)	25°
relative humidity	
wind direction	NE
wind speed	5-10
barometric pressure	
rain? fog? snow? haze?	no
Glasses worn:	
corrective? (Y/N)	N
sunglasses? (Y/N)	N

Observer's name	William Reamy
Observer certification date	10-10-12
Certifying agency	Whitlow Enter.
Observer affiliation	Stack Hawk Envir.

Run Number(s) and Description: 1-8

sec	0	15	30	45
min	Run 1	Time: 0714		
1	10	5	10	5
2	5	5	5	5
3	5	5	5	5
4	5	0	5	0
5	5	0	5	5
6	5	0	0	5
6-minute Average:			4.4	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
	Run 2	Time: 0740		
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	10
6	0	0	0	0
6-minute Average:			0.4	
Source Conditions:				
Sun Angle (degrees):			-40	
	Run 3	Time: 0806		
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	5	15	5	5
6	5	0	0	0
6-minute Average:			1.5	
Source Conditions:				
Sun Angle (degrees):			-35	
	Run 4	Time: 0832		
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0.0	
Source Conditions:				
Sun Angle (degrees):			-30	

sec	0	15	30	45
min	Run 5	Time: 0858		
1	10	15	20	15
2	10	10	20	15
3	15	10	10	10
4	15	10	10	15
5	10	10	10	10
6	10	10	10	5
6-minute Average:			11.9	
Source Conditions:			ADDING WOOD	
Sun Angle (degrees):			NO SUN	
	Run 6	Time: 0924		
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	10
6	5	10	5	0
6-minute Average:			1.3	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
	Run 7	Time: 0950		
1	15	15	15	15
2	10	10	10	15
3	10	5	0	5
4	0	0	0	5
5	0	0	0	5
6	0	5	0	0
6-minute Average:			5.8	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
	Run 8	Time: 1016		
1	0	0	0	5
2	0	5	0	0
3	0	0	0	0
4	0	0	0	5
5	0	5	0	0
6	0	5	0	0
6-minute Average:			1.0	
Source Conditions:				
Sun Angle (degrees):			NO SUN	

Range of opacity readings: low 0 high 20

Number of readings above 10 % were 14

W M Reamy

Observer's Signature

Visible Emissions Evaluation

Facility Name	ECC/Floyd Bennett Field
AVOGADRO Project No.	12-9191
Location (city, state)	Brooklyn, NY
Type of Facility	national park
Control Equipment / Emission Source	ACB #2
Date of Observation	2/3/13
Start Time	1042
Stop Time	1350
Distance from observer (ft)	150'
Direction from observer	N
Stack height (fr. observer's elev.) (ft)	10'
Stack Diameter (in)	no stack
Description of plume:	
continuous? fugitive? intermittent?	Interm.
color	gray
water drops present? (Y/N)	N
attached steam plume? (Y/N)	N
detached steam plume? (Y/N)	N
secondary plume? (Y/N)	N
point where opacity read	above barrier
target?	
describe background to plume	gray sky
unique features of plume or stack	no stack
Weather:	
ambient temperature (F)	25°
relative humidity	
wind direction	NE
wind speed	5-10
barometric pressure	
rain? fog? snow? haze?	no
Glasses worn:	
corrective? (Y/N)	N
sunglasses? (Y/N)	N

Observer's name	William Reamy
Observer certification date	10-10-12
Certifying agency	Whitlow Enter.
Observer affiliation	Stack Hawk Envir.

Run Number(s) and Description: 9-16

sec	0	15	30	45
min	Run 9	Time:	1042	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0,0	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
	Run 10	Time:	1108	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0,0	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
	Run 11	Time:	1134	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0,0	
Source Conditions:				
Sun Angle (degrees):			+5	
	Run 12	Time:	1200	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0,0	
Source Conditions:				
Sun Angle (degrees):			+15	

sec	0	15	30	45
min	Run 13	Time:	1226	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0,0	
Source Conditions:				
Sun Angle (degrees):			+20	
	Run 14	Time:	1252	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0,0	
Source Conditions:				
Sun Angle (degrees):			-30	
	Run 15	Time:	1318	
1	0	0	5	5
2	5	0	0	0
3	0	5	5	0
4	0	5	0	5
5	0	0	0	0
6	5	0	5	0
6-minute Average:			1,9	
Source Conditions:				
Sun Angle (degrees):			-25	
	Run 16	Time:	1344	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0,0	
Source Conditions:				
Sun Angle (degrees):			NO SUN	

Range of opacity readings: low 0 high 5

Number of readings above 10 % were 0

W K Reamy

Observer's Signature

Visible Emissions Evaluation

Facility Name	ECC/Floyd Bennett Field
AVOGADRO Project No.	12-9191
Location (city, state)	Brooklyn, NY
Type of Facility	national park
Control Equipment / Emission Source	ACB #2
Date of Observation	2/3/13
Start Time	1410
Stop Time	1652
Distance from observer (ft)	150'
Direction from observer	N
Stack height (fr. observer's elev.) (ft)	10'
Stack Diameter (in)	no stack
Description of plume:	
continuous? fugitive? intermittent?	interm.
color	gray
water drops present? (Y/N)	N
attached steam plume? (Y/N)	N
detached steam plume? (Y/N)	N
secondary plume? (Y/N)	N
point where opacity read	above barrier
target?	
describe background to plume	cloudy sky
unique features of plume or stack	no stack
Weather:	
ambient temperature (F)	25°
relative humidity	
wind direction	NW
wind speed	5-10
barometric pressure	
rain? fog? snow? haze?	no
Glasses worn:	
corrective? (Y/N)	N
sunglasses? (Y/N)	N

Observer's name	William Reamy
Observer certification date	10-10-12
Certifying agency	Whitlow Enter.
Observer affiliation	Stack Hawk Envir.

Run Number(s) and Description: 17-23

sec	0	15	30	45
min	Run 17 Time:		1410	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0.0	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
min	Run 18 Time:		1436	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	5	0	0
6	0	5	0	0
6-minute Average:			0.4	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
19	Run 19 Time:		1502	
1	0	0	0	0
2	0	0	0	0
3	0	0	10	0
4	10	10	5	10
5	10	10	10	10
6	10	25	25	10
6-minute Average:			6.5	
Source Conditions:			ADDING WOOD	
Sun Angle (degrees):			0	
20	Run 20 Time:		1528	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0.0	
Source Conditions:				
Sun Angle (degrees):			+5	

sec	0	15	30	45
min	21 Run 21 Time:		1559	
1	0	5	10	5
2	0	0	0	10
3	10	5	5	5
4	5	5	0	5
5	5	0	0	5
6	5	0	5	5
6-minute Average:			4.0	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
22	Run 22 Time:		1620	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0.0	
Source Conditions:				
Sun Angle (degrees):			NO SUN	
23	Run 23 Time:		1646	
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:			0.0	
Source Conditions:				
Sun Angle (degrees):			+30	
	Run	Time:		
1				
2				
3				
4				
5				
6				
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				

Range of opacity readings: low 0 high 25

Number of readings above 10 % were 2

W M Reamy

Observer's Signature

AVOGADRO ENVIRONMENTAL CORPORATION, Easton Pa

SUNDAY NIGHT - FEBRUARY 3, 2013

Visible Emissions Evaluation

Facility Name	ECC FLOYD BENNETT FIELD
AVOGADRO Project No.	12-9191
Location (city, state)	BROOKLYN, NY
Type of Facility	DEBRIS REMOVAL
Control Equipment / Emission Source	ACB
Date of Observation	2/3/2013
Start Time	1800
Stop Time	2108
Distance from observer (ft)	150'
Direction from observer	E
Stack height (fr. observer's elev.) (ft)	8'
Stack Diameter (in)	20' x 8'

Description of plume:

continuous? fugitive? intermittent?	CONTINUOUS
color	WHITE
water drops present? (Y/N)	No
attached steam plume? (Y/N)	No
detached steam plume? (Y/N)	No
secondary plume? (Y/N)	No
point where opacity read	1-3 CONEX LENGTHS
target?	SKY
describe background to plume	SKY
unique features of plume or stack	—

Weather:

ambient temperature (F)	30 °F
relative humidity	47%
wind direction	NW
wind speed	0-10 mph
barometric pressure	29.81 in
rain? fog? snow? haze?	clear

Glasses worn:

corrective? (Y/N)	No
sunglasses? (Y/N)	No

Observer's name	AARON T. JOHNSON
Observer certification date	NIGHT 1/6/2013
Certifying agency	WHITLOW ENTERPRISES
Observer affiliation	AVOGADRO ENV. CORP.

Run Number(s) and Description

ACB 2 - RUNS # 25 - 32

sec	0	15	30	45
min	Run 25 Time: 1550			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	6	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				
min	Run 26 Time: 1656			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average:	5			
Source Conditions:				
Sun Angle (degrees):				
min	Run 27 Time: 1746			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				
min	Run 28 Time: 1836			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				
min	Run 29 Time: 1926			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 30 Time: 2016			
1	0	5	0	0
2	0	5	5	0
3	0	0	5	0
4	0	5	6	5
5	5	0	5	5
6	0	5	5	5
6-minute Average:	2.5			
Source Conditions:				
Sun Angle (degrees):				
min	Run 31 Time: 2106			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				
min	Run 32 Time: 2156			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:	0			
Source Conditions:				
Sun Angle (degrees):				

Range of opacity readings: low 0 high 5

Number of readings above 10 % were 0

Observer's Signature

Sunday Night - February 3, 2013

Visible Emissions Evaluation

Facility Name	ECC Floyd Bennett Field
AVOGADRO Project No.	12-9191
Location (city, state)	Brooklyn, NY
Type of Facility	Debris Removal
Control Equipment / Emission Source	ACB 2
Date of Observation	2/3/2013
Start Time	2128
Stop Time	2344
Distance from observer (ft)	150'
Direction from observer	E
Stack height (fr. observer's elev.) (ft)	8'
Stack Diameter (in)	20'x8'

Description of plume:

continuous? fugitive? intermittent?	Continuous
color	White
water drops present? (Y/N)	No
attached steam plume? (Y/N)	No
detached steam plume? (Y/N)	No
secondary plume? (Y/N)	No
point where opacity read	1-3 Conex Lengths
target?	Sky
describe background to plume	Sky
unique features of plume or stack	—

Weather:

ambient temperature (F)	28 °F
relative humidity	62%
wind direction	W
wind speed	5-10 mph
barometric pressure	29.83 in
rain? fog? snow? haze?	clear

Glasses worn:

corrective? (Y/N)	No
sunglasses? (Y/N)	No

Observer's name	Aaron T. Johnson
Observer certification date	Night 1/6/2013
Certifying agency	Whitlow Enterprises
Observer affiliation	Avogadro Env. Corp.

Run Number(s) and Description: ACB 2 - Runs # 33 - 38

sec	0	15	30	45
min	Run 33 Time: 2128			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				
	Run 34 Time: 2148			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average: 0				
Source Conditions:				
Sun Angle (degrees):				
	Run 35 Time: 2208			
1	5	5	5	5
2	5	5	5	5
3	5	5	5	5
4	5	5	5	5
5	5	5	5	5
6	5	5	5	5
6-minute Average: 5				
Source Conditions:				
Sun Angle (degrees):				
	Run Time:			
1				
2				
3				
4				
5				
6				
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				

sec	0	15	30	45
min	Run 33 Time: 2134			
1	5	5	0	5
2	0	0	5	0
3	0	5	0	5
4	5	5	0	0
5	5	0	5	0
6	0	5	0	5
6-minute Average: 25				
Source Conditions:				
Sun Angle (degrees):				
	Run 34 Time: 2154			
1	10	10	10	10
2	10	10	10	10
3	10	10	10	10
4	10	10	10	10
5	10	10	10	10
6	10	10	10	10
6-minute Average: 10				
Source Conditions:				
Sun Angle (degrees):				
	Run 35 Time: 2214			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				
	Run Time:			
1				
2				
3				
4				
5				
6				
6-minute Average:				
Source Conditions:				
Sun Angle (degrees):				

Range of opacity readings: low 0 high 10

Number of readings above 10 % were 0

Observer's Signature

* @ 10:42 AM EST added debris causing higher opacity readings for a few minutes.