



Impact Environmental Engineering Geology, PLLC

170 Keyland Court | Bohemia | NY | 11716 | 631.269.8800 welcome to solid ground...
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DAILY STATUS REPORT-11/14/2022

Prepared By: Thomas Jensen

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	< 32		32-50	x	50-70		70-85		>85	

IEC Project No:	13928	NYSDEC BCP Site No:	C224367	Date:	11/14/22
Project:	251 Douglass Street, Brooklyn, NY				

Consultant: Impact Environmental Engineering and Geology, PLLC (IEEG) Time On: 06:55 Time Out: 14:55	Personnel On Site: IEEG (Environmental) –Thomas Jensen Xolle Demo – Joel Monges
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Scope of Work:

- Oversight of full demolition of two (2) on-Site structures, on (1) single story, 10, 000 sf vacant warehouse structure located on the westernmost portion of the Site and one (1) two story 2,500 sf vacant commercial structure located on the easternmost portion of the Site. The demolition will be completed in accordance with the demolition plans approved by DOB on 7/8/2021 (two-story commercial structure) and 7/13/2021 (one-story warehouse structure). Community Air Monitoring Program (CAMP) implementation in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP).
- RIWP implementation. IEEG provided the NYSDEC an acknowledgment to a comment that was requested to be added to the RIWP on 11/2/22 and the NYSDEC stated on 11/3/22 that acknowledgement satisfied the DEC's requirements, and that the RI work could be implemented.

Site Activities:

- Tailgate Health and Safety meeting with Xolle and IEEG;
- Three (3) loads of bricks were loaded offsite to Gold Star Recycling of Marlboro NJ transported by JAYM Trans LLC;
- One (1) truck of garbage was taken offsite to Cooper Dump;
- Alpha Analytical dropped of RI bottle ware to the Site;
- Workers removed bricks off the north wall from the one (1) story warehouse structure;
- Material was organized from the demolition of the one (1) story warehouse structure and placed into stockpiles specific to that material (i.e. brick, wood, scrap metal); and
- IEEG advances SB-25, one of the three deeper borings requested by the NYSDEC, to be advanced to 100'. IEEG instructed PG Environmental to being advancing SB-25, impacted material was encountered beginning at 33'. The drillers were able to advance the boring to 80' by the end of the day. The balance of the boring will be completed on 11/15/22.

Sampled Collected:

- SB-25 (0-2")
- SB-25 (0-2')
- SB-25 (33-35')



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*Trip Blank

Community Air Monitoring Program (CAMP)

- Dust exceedances were observed to be at normal levels throughout the day;
- There was one exceedance at 0810.

It should be noted that Special CAMP conditions within 20 feet of potentially exposed populations or occupied structures was implemented due to building demolition work

Prestart Conditions – PID = __0.0__ ppm, Dust = __0.022__ mg/m³ @ 08:01

High Conditions – PID = __0.0__ ppm @ Dust = _0.125 mg/m³ @ 08:10

Problem Encountered:

- Both PIDs would not charge the night prior, PINE delivered two PIDs to the site at 1400. A handheld PID from IEEG's office was used to screen the soil from SB-25, however, the Dust Tracks did not have functioning PIDs.

Planned Activities for the Next Day:

- Sort though debris from 1-story warehouse;
- Continue advancing SB-25 to 100'; and
- Once SB-25 is complete, IEEG plans to move to SB-24.



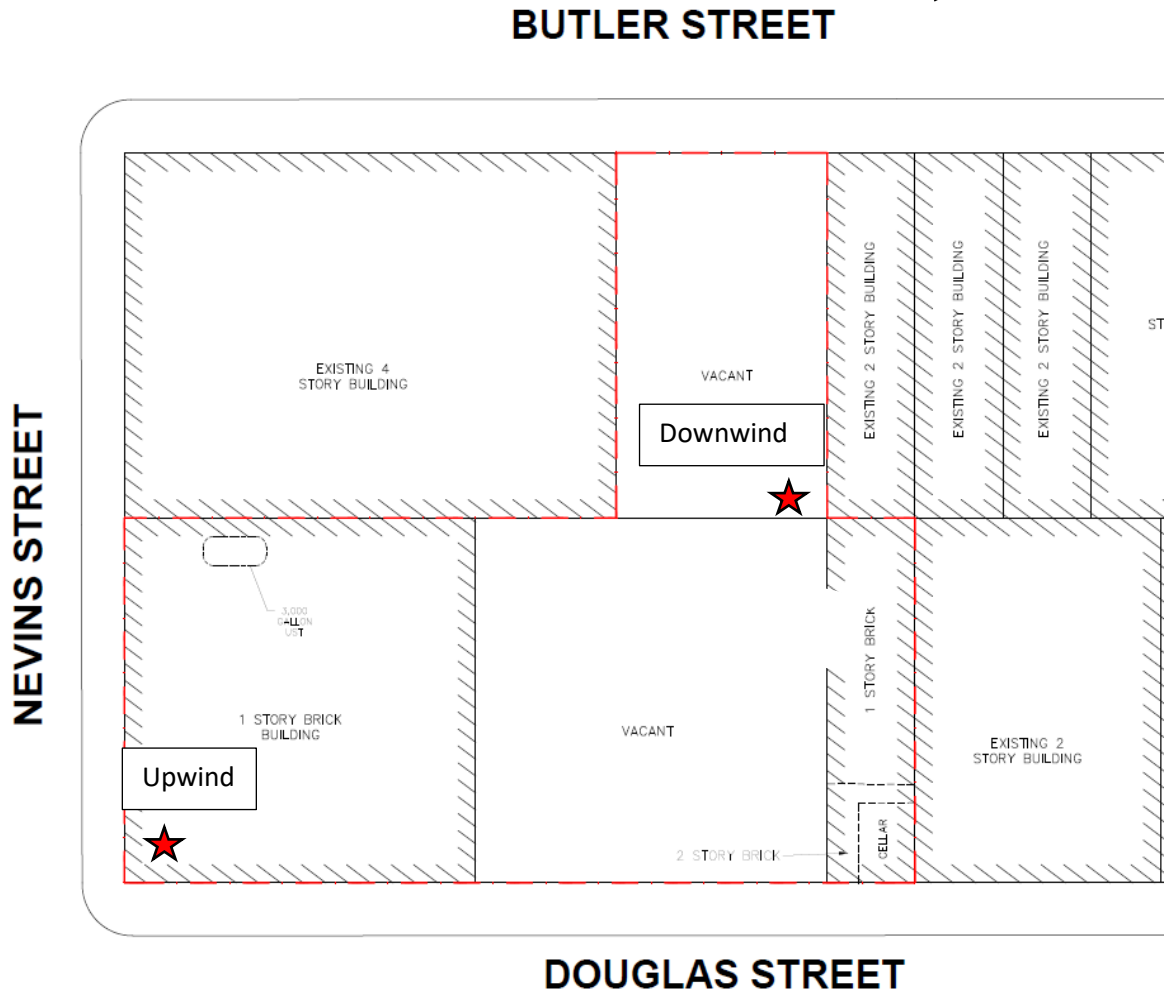
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Site Activity Map

- ★ CAMP Locations
- ⊗ PID Screening Points

Wind Direction
SE - 10 mph





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Photo Log

Photo 1 – Representative photo of brick being removed offsite.



Photo 2 – Photo of three (3) 5' sleeves from SB-25 at the 0-5', 5-10' and 10-15' intervals.





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Photo 3 – Representative photo of drillers (PG Environmental) advancing SB-25 with a GeoProbe utilizing a Macro-core sampler until advancing to 15’ then switching to Dual tube in order to get a more representative profile of the deeper material.



Photo 4 – Representative photo of workers sorting through debris from the one (1) story warehouse structure.



UPWIND Air Monitor

215 Douglass Street, Brooklyn, NY



Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530111721
Firmware Version	3.1
Calibration Date	8/17/2021
Test Name	MANUAL_031
Test Start Time	7:52:51 AM
Test Start Date	11/14/2022
Test Length [D:H:M]	0:07:40
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.025
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	1.32
Mass TWA [mg/m3]	0.024
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	460

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.006		
120	0.003		
180	0.002		
240	0.003		
300	0.005		
360	0.003		
420	0.003		
480	0.003		
540	0.002		
600	0.003		
660	0.003		
720	0.003		
780	0.003		
840	0.003		
900	0.003		
960	0.003		
1020	0.003		
1080	0.003		
1140	0.003		
1200	0.003		
1260	0.003		
1320	0.003		
1380	0.003		
1440	0.003		
1500	0.004		
1560	0.005		
1620	0.003		

1680	0.003
1740	0.003
1800	0.003
1860	0.003
1920	0.003
1980	0.003
2040	0.003
2100	0.003
2160	0.003
2220	0.003
2280	0.003
2340	0.003
2400	0.003
2460	0.003
2520	0.003
2580	0.003
2640	0.003
2700	0.003
2760	0.003
2820	0.003
2880	0.003
2940	0.004
3000	0.003
3060	0.003
3120	0.003
3180	0.003
3240	0.003
3300	0.003
3360	0.006
3420	0.006
3480	0.003
3540	0.003
3600	0.003
3660	0.003
3720	0.003
3780	0.005
3840	0.003
3900	0.004
3960	0.003
4020	0.003
4080	0.003
4140	0.003
4200	0.003
4260	0.003
4320	0.003
4380	0.003
4440	0.003

4500	0.003
4560	0.003
4620	0.003
4680	0.003
4740	0.003
4800	0.003
4860	0.003
4920	0.003
4980	0.003
5040	0.003
5100	0.003
5160	0.003
5220	0.003
5280	0.003
5340	0.003
5400	0.003
5460	0.003
5520	0.003
5580	0.003
5640	0.003
5700	0.011
5760	0.006
5820	0.004
5880	0.003
5940	0.003
6000	0.005
6060	0.01
6120	0.004
6180	0.006
6240	0.006
6300	0.006
6360	0.004
6420	0.004
6480	0.003
6540	0.005
6600	0.008
6660	0.004
6720	0.005
6780	0.003
6840	0.009
6900	0.004
6960	0.005
7020	0.003
7080	0.004
7140	0.005
7200	0.01
7260	0.004

7320	0.003
7380	0.004
7440	0.005
7500	0.003
7560	0.003
7620	0.003
7680	0.003
7740	0.004
7800	0.003
7860	0.004
7920	0.003
7980	0.003
8040	0.004
8100	0.003
8160	0.003
8220	0.003
8280	0.003
8340	0.003
8400	0.003
8460	0.003
8520	0.003
8580	0.003
8640	0.003
8700	0.003
8760	0.003
8820	0.003
8880	0.003
8940	0.003
9000	0.003
9060	0.003
9120	0.003
9180	0.007
9240	0.005
9300	0.005
9360	0.004
9420	0.003
9480	0.003
9540	0.004
9600	0.004
9660	0.004
9720	0.004
9780	0.003
9840	0.006
9900	0.004
9960	0.004
10020	0.003
10080	0.004

10140	0.003
10200	0.004
10260	0.003
10320	0.003
10380	0.004
10440	0.004
10500	0.004
10560	0.004
10620	0.004
10680	0.004
10740	0.005
10800	0.004
10860	0.005
10920	0.004
10980	0.006
11040	0.005
11100	0.005
11160	0.01
11220	0.006
11280	0.007
11340	0.006
11400	0.005
11460	0.005
11520	0.007
11580	0.004
11640	0.005
11700	0.006
11760	0.004
11820	0.004
11880	0.004
11940	0.004
12000	0.004
12060	0.004
12120	0.007
12180	0.005
12240	0.004
12300	0.004
12360	0.004
12420	0.005
12480	0.004
12540	0.004
12600	0.004
12660	0.004
12720	0.004
12780	0.004
12840	0.004
12900	0.005

12960	0.005
13020	0.004
13080	0.004
13140	0.004
13200	0.004
13260	0.004
13320	0.004
13380	0.004
13440	0.004
13500	0.004
13560	0.004
13620	0.004
13680	0.004
13740	0.004
13800	0.004
13860	0.004
13920	0.005
13980	0.004
14040	0.004
14100	0.004
14160	0.004
14220	0.005
14280	0.004
14340	0.004
14400	0.004
14460	0.004
14520	0.004
14580	0.005
14640	0.004
14700	0.004
14760	0.004
14820	0.005
14880	0.005
14940	0.005
15000	0.004
15060	0.005
15120	0.005
15180	0.004
15240	0.006
15300	0.007
15360	0.004
15420	0.005
15480	0.005
15540	0.005
15600	0.004
15660	0.005
15720	0.005

15780	0.006
15840	0.005
15900	0.005
15960	0.005
16020	0.004
16080	0.005
16140	0.004
16200	0.006
16260	0.006
16320	0.005
16380	0.013
16440	0.02
16500	0.009
16560	0.011
16620	0.023
16680	0.229
16740	0.094
16800	0.038
16860	0.007
16920	0.048
16980	0.029
17040	0.008
17100	0.011
17160	0.01
17220	0.007
17280	0.008
17340	0.007
17400	0.01
17460	0.014
17520	0.016
17580	0.027
17640	0.007
17700	0.016
17760	0.114
17820	0.085
17880	0.031
17940	0.01
18000	0.007
18060	0.007
18120	0.006
18180	0.016
18240	0.015
18300	0.006
18360	0.004
18420	0.004
18480	0.005
18540	0.006

18600	0.009
18660	0.007
18720	0.009
18780	0.007
18840	0.009
18900	0.021
18960	0.02
19020	0.005
19080	0.004
19140	0.026
19200	0.008
19260	0.006
19320	0.476
19380	0.048
19440	0.009
19500	0.031
19560	0.005
19620	0.005
19680	0.011
19740	0.007
19800	0.022
19860	0.008
19920	0.017
19980	0.009
20040	0.063
20100	0.008
20160	0.011
20220	0.008
20280	0.016
20340	0.387
20400	0.06
20460	0.077
20520	0.017
20580	0.009
20640	0.012
20700	0.009
20760	0.006
20820	0.108
20880	0.163
20940	0.011
21000	0.361
21060	0.461
21120	0.321
21180	0.037
21240	0.518
21300	0.877
21360	0.017

21420	0.018
21480	0.008
21540	0.006
21600	0.008
21660	0.005
21720	0.005
21780	0.006
21840	0.008
21900	0.006
21960	0.008
22020	0.006
22080	0.009
22140	0.006
22200	0.009
22260	0.01
22320	0.007
22380	0.006
22440	0.006
22500	0.008
22560	0.008
22620	0.009
22680	0.008
22740	0.007
22800	0.007
22860	0.006
22920	0.005
22980	0.005
23040	0.007
23100	0.006
23160	0.007
23220	0.006
23280	0.006
23340	0.006
23400	0.006
23460	0.006
23520	0.007
23580	0.022
23640	0.012
23700	0.026
23760	0.013
23820	0.019
23880	0.007
23940	0.006
24000	0.006
24060	0.006
24120	0.007
24180	0.014

24240	0.015
24300	0.011
24360	0.006
24420	0.005
24480	0.006
24540	0.006
24600	0.006
24660	0.006
24720	0.011
24780	0.007
24840	0.093
24900	0.007
24960	0.007
25020	0.007
25080	0.006
25140	0.006
25200	0.006
25260	0.007
25320	0.006
25380	0.006
25440	0.006
25500	0.006
25560	0.006
25620	0.005
25680	0.006
25740	0.005
25800	0.005
25860	0.012
25920	0.006
25980	0.006
26040	0.005
26100	0.005
26160	0.005
26220	0.005
26280	0.005
26340	0.005
26400	0.005
26460	0.005
26520	0.005
26580	0.034
26640	1.05
26700	1.32
26760	0.817
26820	0.34
26880	0.338
26940	0.113
27000	0.045

27060	0.011
27120	0.009
27180	0.006
27240	0.029
27300	0.01
27360	0.006
27420	0.031
27480	0.006
27540	0.006
27600	0.006

DOWNWIND Air Monitor

251 Douglass Street, Brooklyn, NY



Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173315
Firmware Version	3.1
Calibration Date	8/11/2022
Test Name	MANUAL_029
Test Start Time	8:01:04 AM
Test Start Date	11/14/2022
Test Length [D:H:M]	0:07:33
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.125
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	453

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.022		
120	0.003		
180	0.003		
240	0.003		
300	0.002		
360	0.013		
420	0.045		
480	0.125		
540	0.027		
600	0.004		
660	0.008		
720	0.009		
780	0.062		
840	0.003		
900	0.003		
960	0.004		
1020	0.015		
1080	0.012		
1140	0.031		
1200	0.011		
1260	0.01		
1320	0.004		
1380	0.006		
1440	0.014		
1500	0.005		
1560	0.008		
1620	0.009		

1680	0.006
1740	0.008
1800	0.004
1860	0.019
1920	0.01
1980	0.004
2040	0.005
2100	0.007
2160	0.016
2220	0.003
2280	0.003
2340	0.007
2400	0.006
2460	0.029
2520	0.029
2580	0.014
2640	0.008
2700	0.009
2760	0.004
2820	0.003
2880	0.004
2940	0.005
3000	0.006
3060	0.004
3120	0.004
3180	0.004
3240	0.004
3300	0.005
3360	0.009
3420	0.011
3480	0.011
3540	0.005
3600	0.005
3660	0.013
3720	0.004
3780	0.017
3840	0.015
3900	0.008
3960	0.006
4020	0.004
4080	0.004
4140	0.007
4200	0.004
4260	0.008
4320	0.004
4380	0.007
4440	0.014

4500	0.006
4560	0.004
4620	0.004
4680	0.005
4740	0.008
4800	0.005
4860	0.005
4920	0.006
4980	0.005
5040	0.007
5100	0.015
5160	0.005
5220	0.004
5280	0.006
5340	0.006
5400	0.009
5460	0.011
5520	0.006
5580	0.005
5640	0.004
5700	0.008
5760	0.004
5820	0.004
5880	0.008
5940	0.005
6000	0.004
6060	0.005
6120	0.005
6180	0.004
6240	0.003
6300	0.006
6360	0.005
6420	0.005
6480	0.009
6540	0.006
6600	0.006
6660	0.005
6720	0.003
6780	0.005
6840	0.007
6900	0.016
6960	0.027
7020	0.012
7080	0.005
7140	0.004
7200	0.004
7260	0.007

7320	0.008
7380	0.007
7440	0.005
7500	0.007
7560	0.01
7620	0.011
7680	0.008
7740	0.01
7800	0.013
7860	0.015
7920	0.008
7980	0.005
8040	0.004
8100	0.008
8160	0.01
8220	0.009
8280	0.014
8340	0.004
8400	0.006
8460	0.006
8520	0.012
8580	0.009
8640	0.005
8700	0.005
8760	0.006
8820	0.015
8880	0.011
8940	0.016
9000	0.009
9060	0.007
9120	0.004
9180	0.004
9240	0.004
9300	0.005
9360	0.005
9420	0.007
9480	0.01
9540	0.007
9600	0.004
9660	0.004
9720	0.004
9780	0.004
9840	0.006
9900	0.005
9960	0.009
10020	0.015
10080	0.006

10140	0.006
10200	0.004
10260	0.004
10320	0.004
10380	0.005
10440	0.008
10500	0.006
10560	0.006
10620	0.004
10680	0.005
10740	0.007
10800	0.006
10860	0.005
10920	0.005
10980	0.004
11040	0.005
11100	0.005
11160	0.005
11220	0.016
11280	0.008
11340	0.006
11400	0.008
11460	0.01
11520	0.004
11580	0.011
11640	0.014
11700	0.008
11760	0.023
11820	0.007
11880	0.007
11940	0.029
12000	0.007
12060	0.008
12120	0.01
12180	0.009
12240	0.01
12300	0.01
12360	0.008
12420	0.007
12480	0.011
12540	0.008
12600	0.013
12660	0.011
12720	0.02
12780	0.012
12840	0.009
12900	0.006

12960	0.005
13020	0.005
13080	0.005
13140	0.004
13200	0.005
13260	0.005
13320	0.007
13380	0.005
13440	0.005
13500	0.016
13560	0.007
13620	0.016
13680	0.019
13740	0.009
13800	0.005
13860	0.019
13920	0.011
13980	0.01
14040	0.008
14100	0.011
14160	0.007
14220	0.007
14280	0.007
14340	0.007
14400	0.007
14460	0.005
14520	0.006
14580	0.006
14640	0.007
14700	0.006
14760	0.007
14820	0.006
14880	0.007
14940	0.008
15000	0.007
15060	0.007
15120	0.008
15180	0.007
15240	0.007
15300	0.006
15360	0.007
15420	0.008
15480	0.014
15540	0.007
15600	0.007
15660	0.007
15720	0.007

15780	0.008
15840	0.007
15900	0.007
15960	0.01
16020	0.014
16080	0.012
16140	0.012
16200	0.008
16260	0.01
16320	0.018
16380	0.01
16440	0.009
16500	0.014
16560	0.012
16620	0.009
16680	0.008
16740	0.013
16800	0.017
16860	0.01
16920	0.008
16980	0.008
17040	0.007
17100	0.007
17160	0.009
17220	0.009
17280	0.008
17340	0.007
17400	0.007
17460	0.009
17520	0.01
17580	0.009
17640	0.01
17700	0.013
17760	0.011
17820	0.01
17880	0.011
17940	0.015
18000	0.01
18060	0.008
18120	0.007
18180	0.015
18240	0.019
18300	0.031
18360	0.043
18420	0.017
18480	0.046
18540	0.047

18600	0.018
18660	0.009
18720	0.008
18780	0.007
18840	0.008
18900	0.008
18960	0.007
19020	0.013
19080	0.026
19140	0.025
19200	0.016
19260	0.01
19320	0.018
19380	0.014
19440	0.015
19500	0.018
19560	0.035
19620	0.014
19680	0.023
19740	0.014
19800	0.014
19860	0.015
19920	0.026
19980	0.009
20040	0.009
20100	0.01
20160	0.02
20220	0.026
20280	0.009
20340	0.013
20400	0.009
20460	0.01
20520	0.022
20580	0.031
20640	0.012
20700	0.022
20760	0.019
20820	0.021
20880	0.041
20940	0.018
21000	0.017
21060	0.009
21120	0.012
21180	0.01
21240	0.012
21300	0.009
21360	0.009

21420	0.008
21480	0.019
21540	0.019
21600	0.013
21660	0.009
21720	0.009
21780	0.008
21840	0.008
21900	0.02
21960	0.014
22020	0.013
22080	0.011
22140	0.01
22200	0.011
22260	0.008
22320	0.008
22380	0.008
22440	0.008
22500	0.008
22560	0.009
22620	0.008
22680	0.011
22740	0.018
22800	0.013
22860	0.01
22920	0.016
22980	0.011
23040	0.014
23100	0.01
23160	0.015
23220	0.017
23280	0.015
23340	0.022
23400	0.024
23460	0.027
23520	0.022
23580	0.013
23640	0.01
23700	0.012
23760	0.01
23820	0.017
23880	0.011
23940	0.014
24000	0.016
24060	0.013
24120	0.009
24180	0.008

24240	0.009
24300	0.019
24360	0.011
24420	0.079
24480	0.026
24540	0.012
24600	0.032
24660	0.033
24720	0.017
24780	0.014
24840	0.013
24900	0.011
24960	0.011
25020	0.012
25080	0.01
25140	0.01
25200	0.011
25260	0.013
25320	0.016
25380	0.016
25440	0.011
25500	0.01
25560	0.008
25620	0.01
25680	0.016
25740	0.009
25800	0.008
25860	0.008
25920	0.008
25980	0.008
26040	0.012
26100	0.016
26160	0.009
26220	0.009
26280	0.01
26340	0.012
26400	0.017
26460	0.036
26520	0.046
26580	0.02
26640	0.009
26700	0.01
26760	0.015
26820	0.011
26880	0.01
26940	0.008
27000	0.009

27060	0.011
27120	0.01
27180	0.011