



Sent via E-mail only

Heidelberg Materials Northeast LLC

7660 Imperial Way
Allentown, PA 18195
Phone (610) 366-4600

April 21, 2023

Richard E. Tallman, P.E.
Pennsylvania Department of Environmental Protection
Pottsville District Mining Office
5 West Laurel Boulevard
Pottsville, PA 17901

**Re: Limited Activity Based Sampling Event 3 – Precipitation Data
Rock Hill Quarry
SMP No. 7974SM1
East Rockhill Township
Bucks County, Pennsylvania**

Dear Mr. Tallman:

As you know, Heidelberg Materials Northeast LLC (“Heidelberg”) performed Limited Activity Based Sampling Event 3 at the Rock Hill Quarry (“Quarry”) on Wednesday, April 12, 2023. In preparation for the sampling event and pursuant to the conditions outlined by the Pennsylvania Department of Environmental Protection (“PADEP”) in its December 8, 2022 approval letter, Heidelberg monitored the weather and precipitation from the Quarry weather station for thirty-six (36) hours prior to the start of sampling.

Just prior to beginning sampling on April 12, Heidelberg reviewed the precipitation data from the previous day. The data indicated that at approximately 12:42 pm on April 11, 0.01 inches of rain was detected at the weather station. The weather station data also showed a rainfall rate at the time of 0.03 inches/hour. Following that brief precipitation event, no precipitation occurred at the Quarry up to and during the sampling event. Both the “daily rain” and “24 hour rain” data categories reflected the 0.01 total inches of rain. A copy of the data from the weather station is attached hereto as Exhibit A. Following a review of this data, Heidelberg determined that it could pursue the activity based sampling event because the very brief and limited precipitation did not impact the otherwise dry conditions of the soil at the Quarry.

Heidelberg acknowledges that PADEP’s approval letter states that sampling should only occur after three (3) days of dry weather with no precipitation. Heidelberg also notes that PADEP’s approval letter does not further elaborate on what constitutes “dry weather.”¹ Given that, Heidelberg feels that it is appropriate to consider guidance on this question by the United States Environmental Protection Agency (“EPA”) provided in EPA’s “Framework for Investigation Asbestos-Contaminated Comprehensive Environmental Response, Compensation and Liability Act Site,” OLEM Directive No. 9200.0-90 (2021)

(“Framework”)², and related “Activity-Based Air Sampling for Asbestos” Standard Operating Procedure, ERT-PROC-2084-21 (Mar. 8, 2021) (“SOP”)³, referenced therein.

As to sampling and dry weather, the Framework provides the following:

Sampling should be performed during periods of dry weather that are climatologically representative of the area being studied. Soil moisture plays a major role in determining potential exposure. Soil moisture content should be specified in the site specific QAPP, ensuring all the decision makers are in agreement. Additional guidance on evaluation of soil moisture prior to conducting ABS is included in the ERT ABS SOP.

Framework, at E-2.

Consistent with the Framework, the SOP directly address the issue:

What is the acceptable amount of moisture in the soil?

Sampling should be delayed if rainfall has exceeded 1/4-inch in the past 36 hours, unless it can be demonstrated that the acceptable soil moisture content can be achieved.

SOP, at 14.

Therefore, per EPA, sampling is appropriate if less than 0.25 inches of rainfall have occurred in the thirty-six (36) hours prior to the sampling event in order to avoid excessive soil moisture and ensure that soils adequately represent dry conditions. As noted above, the amount of rainfall at the Quarry during the thirty-six (36) hours prior to the sampling event was 0.01 inches total, far below EPA’s recommended screening level of 0.25 inches. On-site observations at the Quarry during the sample event, including those recorded by PADEP, also validate the overall dry condition of the soils there.

After considering the precipitation data collected from the Quarry weather station, as well as observations made of the soil conditions during sampling, Heidelberg is confident that soil conditions at the Quarry were adequately dry to be able to allow PADEP to properly analyze data from the eight (8) perimeter air monitoring stations. Heidelberg respectfully requests that PADEP consider this letter and promptly advise if it concurs.

Regards,



Andrew J. Gutshall, P.G.
Area Environmental Manager

encl: Exhibit A – Wind and Precipitation Data – April 9-April 12, 2023

cc: John Stefanko, PADEP (e-mail only)
Daniel Sammarco, P.E., PADEP (e-mail only)
Randy Shustack, PADEP (e-mail only)
Ross Klock, PADEP (e-mail only)

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Robert J. Schena, Esq., Fox Rothschild LLP
Environmental File

¹ Although presented in a different context, in PAG-01 (Authorization to Discharge under the NPDES General Permit for Discharges of Stormwater Associated Small Construction Activities), PADEP's defines a "measurable storm event as "precipitation in an amount of 0.25 inch or greater over a 24-hour period." See PAG-01, Part A(II)(C)(1), at 22.

² [Framework for Investigating Asbestos-Contaminated CERCLA Sites - OLEM Directive No. 9200.0-90 \(epa.gov\)](https://www.epa.gov/sites/default/files/2015-09/olem-directive-no-9200.0-90.pdf)

³ <https://response.epa.gov/sites/2107/files/ERT-PROC-2084-21-R1.1%20SOP%20Manual.pdf>

Exhibit A
Wind and Precipitation Data
April 9 – April 12, 2023

**Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry**

Date	Outdoor Temperature (°F)	Wind Speed (mph)	Wind Gust (mph)	Wind Direction (°)	Hourly Rain (in/hr)	Daily Rain (in)	Humidity (%)
4/12/2023 23:57	71.6	3.8	8.1	323	0	0	40
4/12/2023 23:42	72	3.8	9.8	317	0	0	39
4/12/2023 23:27	72.1	2.5	6.7	308	0	0	39
4/12/2023 23:12	72.7	3.1	6.5	325	0	0	38
4/12/2023 22:57	73	4.5	10.1	316	0	0	38
4/12/2023 22:42	73.4	3.1	8.5	337	0	0	37
4/12/2023 22:27	73.9	4.5	10.5	306	0	0	37
4/12/2023 22:12	74.5	4.3	9.2	284	0	0	36
4/12/2023 21:57	74.8	3.8	8.7	299	0	0	36
4/12/2023 21:42	75	2.2	7.6	279	0	0	36
4/12/2023 21:27	75.6	3.4	10.5	291	0	0	35
4/12/2023 21:12	75.7	4	8.9	295	0	0	35
4/12/2023 20:57	75.6	3.1	11.4	266	0	0	35
4/12/2023 20:42	75.7	1.1	5.4	224	0	0	35
4/12/2023 20:27	76.3	0.9	4.7	268	0	0	34
4/12/2023 20:12	76.6	2	5.1	311	0	0	34
4/12/2023 19:57	77.5	3.1	9.2	323	0	0	33
4/12/2023 19:42	78.3	4.9	9.6	313	0	0	32
4/12/2023 19:27	79.2	6	10.1	306	0	0	31
4/12/2023 19:12	80.1	9.2	22.4	304	0	0	30
4/12/2023 18:57	80.6	8.5	16.1	298	0	0	30
4/12/2023 18:42	81	10.3	19.5	302	0	0	29
4/12/2023 18:27	81.1	10.7	23	296	0	0	29
4/12/2023 18:12	81.3	12.1	19.9	299	0	0	29
4/12/2023 17:57	81.7	10.3	21.3	297	0	0	29
4/12/2023 17:42	81.5	10.3	19.7	300	0	0	29
4/12/2023 17:27	81.7	12.8	27.3	300	0	0	29
4/12/2023 17:12	81.7	8.3	15.9	283	0	0	29
4/12/2023 16:57	81.5	9.4	21.3	300	0	0	29
4/12/2023 16:42	81.5	11.2	21.9	289	0	0	28
4/12/2023 16:27	81.5	11.6	22.6	293	0	0	28
4/12/2023 16:12	81	14.3	26.4	307	0	0	29
4/12/2023 15:57	81.3	15.7	28.6	308	0	0	28
4/12/2023 15:42	81.5	12.1	25.1	307	0	0	29
4/12/2023 15:27	81.1	11.6	23.7	303	0	0	29
4/12/2023 15:12	80.6	12.1	21	301	0	0	30
4/12/2023 14:57	80.1	15.2	27.7	302	0	0	30
4/12/2023 14:42	79.9	13.4	24.6	299	0	0	29
4/12/2023 14:27	79.3	15.2	26.6	302	0	0	29
4/12/2023 14:12	79.2	13.9	25.5	302	0	0	29

*The green shaded cells represent the approximate time period (7:00am-3:00pm) during which Heidelberg collected low-flow sampling data on April 12, 2023, from eight (8) air monitors located around the Quarry perimeter.

**The blue shaded cells represent the approximate time period (10:00am-2:00pm) during which Heidelberg collected high-flow sampling data during the ABS activity at the Quarry.

Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

4/12/2023 13:57	79.2	12.5	28.6	297	0	0	29
4/12/2023 13:42	78.4	10.7	17.9	289	0	0	30
4/12/2023 13:27	77.9	12.8	24.8	299	0	0	29
4/12/2023 13:12	77.5	13	26.8	300	0	0	28
4/12/2023 12:57	76.8	12.5	22.6	301	0	0	28
4/12/2023 12:42	76.3	13.4	22.6	298	0	0	29
4/12/2023 12:27	75.6	12.5	23.7	297	0	0	30
4/12/2023 12:12	75.2	12.5	24.4	307	0	0	31
4/12/2023 11:57	74.7	14.8	28	305	0	0	32
4/12/2023 11:42	73.8	15.7	26.8	308	0	0	33
4/12/2023 11:27	73	14.5	25.5	301	0	0	34
4/12/2023 11:12	72.3	14.5	25.9	301	0	0	35
4/12/2023 10:57	71.8	12.3	23.9	303	0	0	35
4/12/2023 10:42	70.5	12.3	23	306	0	0	36
4/12/2023 10:27	69.3	13.6	21.9	299	0	0	37
4/12/2023 10:12	68.9	13.2	25.7	296	0	0	37
4/12/2023 9:57	68.5	12.8	23.7	301	0	0	37
4/12/2023 9:42	68.2	11.4	22.8	301	0	0	36
4/12/2023 9:27	67.5	12.5	23.3	299	0	0	36
4/12/2023 9:12	66.9	11.9	21.5	304	0	0	37
4/12/2023 8:57	66	10.5	19.7	295	0	0	37
4/12/2023 8:42	65.5	9.8	20.1	307	0	0	37
4/12/2023 8:27	65.5	9.4	22.6	301	0	0	37
4/12/2023 8:12	65.1	10.1	24.6	303	0	0	37
4/12/2023 7:57	64.6	10.3	17.9	303	0	0	37
4/12/2023 7:42	64.2	10.3	19.2	303	0	0	37
4/12/2023 7:27	63.5	8.1	14.1	302	0	0	38
4/12/2023 7:12	63.1	6.9	13.4	307	0	0	37
4/12/2023 6:57	62.8	7.6	14.5	308	0	0	37
4/12/2023 6:42	62.6	8.3	13.4	309	0	0	37
4/12/2023 6:27	62.4	8.1	16.1	309	0	0	37
4/12/2023 6:12	62.1	6.5	12.1	308	0	0	37
4/12/2023 5:57	62.1	6.3	13	309	0	0	36
4/12/2023 5:42	62.2	4.7	10.5	297	0	0	36
4/12/2023 5:27	62.2	4	8.3	305	0	0	36
4/12/2023 5:12	62.4	4.3	9.2	302	0	0	35
4/12/2023 4:57	62.4	4	8.9	310	0	0	35
4/12/2023 4:42	62.4	4	8.1	315	0	0	35
4/12/2023 4:27	62.8	3.8	7.4	310	0	0	34
4/12/2023 4:12	62.8	4.3	9.6	307	0	0	34
4/12/2023 3:57	63	4.7	8.1	316	0	0	33
4/12/2023 3:42	63.3	4.7	8.7	307	0	0	33
4/12/2023 3:27	63.5	5.4	11.2	312	0	0	32

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4/12/2023 3:12	63.5	5.4	11	310	0	0	32
4/12/2023 2:57	63.5	5.6	10.1	312	0	0	31
4/12/2023 2:42	63.9	5.8	11.2	309	0	0	31
4/12/2023 2:27	63.9	4.9	9.8	301	0	0	30
4/12/2023 2:12	64.2	5.1	9.8	309	0	0	30
4/12/2023 1:57	64.4	4.9	11	297	0	0	29
4/12/2023 1:42	64.6	4.7	8.9	302	0	0	29
4/12/2023 1:27	64.8	3.8	8.1	307	0	0	28
4/12/2023 1:12	65.1	4.9	11.6	300	0	0	27
4/12/2023 0:57	65.1	4.5	10.7	303	0	0	26
4/12/2023 0:42	65.7	4.7	10.1	299	0	0	25
4/12/2023 0:27	65.8	4.3	10.7	307	0	0	25
4/12/2023 0:12	65.7	5.1	9.8	301	0	0	25
4/11/2023 23:57	65.7	4.3	9.6	297	0	0.01	25
4/11/2023 23:42	65.8	4.5	11	304	0	0.01	25
4/11/2023 23:27	66	5.4	11.2	307	0	0.01	25
4/11/2023 23:12	66	4.9	10.3	306	0	0.01	26
4/11/2023 22:57	66	4	11.2	306	0	0.01	26
4/11/2023 22:42	66	4	10.5	311	0	0.01	26
4/11/2023 22:27	65.8	4.7	12.1	301	0	0.01	26
4/11/2023 22:12	64.9	1.8	7.6	228	0	0.01	28
4/11/2023 21:57	64.6	1.6	6.7	210	0	0.01	30
4/11/2023 21:42	64.9	2	7.8	235	0	0.01	29
4/11/2023 21:27	64.9	0.9	5.1	206	0	0.01	29
4/11/2023 21:12	65.1	0.4	4.7	205	0	0.01	29
4/11/2023 20:57	65.7	0.9	6.9	276	0	0.01	28
4/11/2023 20:42	66.4	1.6	6	243	0	0.01	28
4/11/2023 20:27	66.6	1.8	7.2	213	0	0.01	27
4/11/2023 20:12	67.5	2.5	9.2	250	0	0.01	26
4/11/2023 19:57	68	2.7	8.1	240	0	0.01	25
4/11/2023 19:42	68.7	3.8	9.6	274	0	0.01	24
4/11/2023 19:27	69.6	4.7	13.2	282	0	0.01	23
4/11/2023 19:12	70.5	7.2	15	296	0	0.01	23
4/11/2023 18:57	70.9	7.6	17.9	281	0	0.01	22
4/11/2023 18:42	70.9	8.5	17.2	280	0	0.01	22
4/11/2023 18:27	71.1	8.5	17.2	282	0	0.01	21
4/11/2023 18:12	71.8	6.3	16.1	283	0	0.01	21
4/11/2023 17:57	71.2	6.5	13.6	263	0	0.01	20
4/11/2023 17:42	70.7	8.5	16.3	279	0	0.01	20
4/11/2023 17:27	70.7	8.1	15.9	292	0	0.01	21
4/11/2023 17:12	70.3	7.6	18.6	288	0	0.01	21
4/11/2023 16:57	70.3	9.6	17.9	288	0	0.01	21
4/11/2023 16:42	70.5	9.6	19	294	0	0.01	21

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4/11/2023 16:27	70.9	11	20.1	300	0	0.01	20
4/11/2023 16:12	71.4	9.4	21.3	295	0	0.01	20
4/11/2023 15:57	71.4	9.8	19	295	0	0.01	20
4/11/2023 15:42	72.9	8.1	18.3	281	0	0.01	19
4/11/2023 15:27	70.9	11	24.4	287	0	0.01	20
4/11/2023 15:12	71.1	12.5	22.8	289	0	0.01	20
4/11/2023 14:57	71.8	9.2	25.5	290	0	0.01	19
4/11/2023 14:42	72.1	9.4	23.7	288	0	0.01	19
4/11/2023 14:27	72.1	9.4	22.8	289	0	0.01	18
4/11/2023 14:12	71.4	8.9	19.5	260	0	0.01	19
4/11/2023 13:57	70.7	9.8	21.3	272	0	0.01	19
4/11/2023 13:42	70.2	11.6	25.7	280	0	0.01	20
4/11/2023 13:27	70.2	10.1	30.2	292	0	0.01	20
4/11/2023 13:12	69.4	11.4	26.4	283	0	0.01	20
4/11/2023 12:57	69.6	12.1	23.3	294	0	0.01	21
4/11/2023 12:42	68.9	11.2	28	297	0.03	0	22
4/11/2023 12:27	69.3	8.9	23.9	279	0	0	23
4/11/2023 12:12	68	11	20.6	297	0	0	24
4/11/2023 11:57	67.6	7.6	15.7	279	0	0	25
4/11/2023 11:42	66.7	8.1	19.7	307	0	0	26
4/11/2023 11:27	65.5	7.4	16.6	280	0	0	28
4/11/2023 11:12	64.2	8.3	13.9	304	0	0	30
4/11/2023 10:57	63.7	6.3	13.6	299	0	0	31
4/11/2023 10:42	62.1	7.2	13	309	0	0	32
4/11/2023 10:27	60.8	5.1	10.5	313	0	0	33
4/11/2023 10:12	60.6	4.9	9.6	282	0	0	33
4/11/2023 9:57	59.5	4.9	9.2	308	0	0	34
4/11/2023 9:42	58.6	3.6	9.6	284	0	0	35
4/11/2023 9:27	57.4	4.3	9.2	296	0	0	36
4/11/2023 9:12	55.9	5.8	11.6	308	0	0	38
4/11/2023 8:57	55	3.8	9.2	308	0	0	39
4/11/2023 8:42	53.6	2.7	7.2	306	0	0	40
4/11/2023 8:27	51.8	3.4	9.6	302	0	0	43
4/11/2023 8:12	50.7	3.4	6.7	309	0	0	44
4/11/2023 7:57	49.3	3.1	8.7	346	0	0	46
4/11/2023 7:42	46.6	0.7	5.1	301	0	0	53
4/11/2023 7:27	44.6	0.2	3.8	288	0	0	55
4/11/2023 7:12	42.8	0.2	5.1	281	0	0	58
4/11/2023 6:57	43.5	0.2	1.6	280	0	0	57
4/11/2023 6:42	44.6	0.2	2.5	280	0	0	54
4/11/2023 6:27	43.7	0.2	4.3	313	0	0	56
4/11/2023 6:12	43.9	0	1.1	329	0	0	56
4/11/2023 5:57	44.4	0	2	329	0	0	54

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Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

4/11/2023 5:42	45.7	0	1.8	329	0	0	52
4/11/2023 5:27	46.9	0.7	2.9	329	0	0	50
4/11/2023 5:12	47.7	1.1	3.1	329	0	0	48
4/11/2023 4:57	48.2	1.6	4.5	329	0	0	46
4/11/2023 4:42	48.7	1.8	4.3	329	0	0	45
4/11/2023 4:27	48.9	1.6	4.7	329	0	0	45
4/11/2023 4:12	49.5	1.3	4.3	329	0	0	44
4/11/2023 3:57	49.8	2	6	310	0	0	43
4/11/2023 3:42	49.1	1.3	6.3	311	0	0	45
4/11/2023 3:27	49.5	2.5	5.6	324	0	0	44
4/11/2023 3:12	49.6	2.2	6	324	0	0	44
4/11/2023 2:57	49.6	2	6	324	0	0	44
4/11/2023 2:42	49.8	2.2	7.4	324	0	0	44
4/11/2023 2:27	50.2	2.2	5.6	311	0	0	43
4/11/2023 2:12	50.2	2.5	7.4	300	0	0	43
4/11/2023 1:57	50.5	2	7.2	303	0	0	43
4/11/2023 1:42	50.7	2.7	7.4	295	0	0	42
4/11/2023 1:27	50.4	1.1	7.4	291	0	0	42
4/11/2023 1:12	50.5	1.6	5.4	318	0	0	42
4/11/2023 0:57	50.4	1.6	5.8	311	0	0	42
4/11/2023 0:42	50.2	0	1.6	163	0	0	43
4/11/2023 0:27	50.7	0	2	163	0	0	41
4/11/2023 0:12	50.9	0.7	4	163	0	0	41
4/10/2023 23:57	51.4	0.9	3.6	163	0	0	40
4/10/2023 23:42	52.3	1.1	4.7	197	0	0	39
4/10/2023 23:27	52.5	1.8	7.8	204	0	0	39
4/10/2023 23:12	52.7	2.2	7.6	231	0	0	39
4/10/2023 22:57	53.1	1.6	6.5	245	0	0	40
4/10/2023 22:42	53.4	1.6	12.1	205	0	0	40
4/10/2023 22:27	53.8	0.9	6	230	0	0	39
4/10/2023 22:12	54.7	1.3	5.8	216	0	0	38
4/10/2023 21:57	55.6	2	7.4	238	0	0	37
4/10/2023 21:42	56.3	3.1	12.1	227	0	0	35
4/10/2023 21:27	57	3.8	11.4	217	0	0	33
4/10/2023 21:12	57.2	1.3	6	224	0	0	32
4/10/2023 20:57	57.4	1.1	6	229	0	0	32
4/10/2023 20:42	57.4	1.1	6.9	249	0	0	32
4/10/2023 20:27	57.7	1.1	6.3	248	0	0	32
4/10/2023 20:12	58.3	1.1	6.7	158	0	0	32
4/10/2023 19:57	59	1.8	6.3	196	0	0	31
4/10/2023 19:42	59.7	3.6	10.1	210	0	0	31
4/10/2023 19:27	60.6	2.7	7.6	198	0	0	30
4/10/2023 19:12	62.4	2.5	6.9	252	0	0	28

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4/10/2023 18:57	63	3.8	12.1	278	0	0	28
4/10/2023 18:42	63.5	4.3	12.1	218	0	0	27
4/10/2023 18:27	64	4.5	11.2	221	0	0	26
4/10/2023 18:12	64.8	4.5	9.6	279	0	0	24
4/10/2023 17:57	64.6	3.6	10.1	195	0	0	24
4/10/2023 17:42	64.8	5.6	17.2	279	0	0	23
4/10/2023 17:27	65.3	3.6	12.8	293	0	0	23
4/10/2023 17:12	64.9	5.6	12.8	287	0	0	23
4/10/2023 16:57	65.3	5.6	12.1	270	0	0	23
4/10/2023 16:42	65.3	4.3	11.6	256	0	0	23
4/10/2023 16:27	65.3	6	14.3	291	0	0	23
4/10/2023 16:12	65.8	3.8	11.4	280	0	0	22
4/10/2023 15:57	65.5	3.4	11.4	332	0	0	21
4/10/2023 15:42	64.4	7.4	16.8	305	0	0	22
4/10/2023 15:27	65.5	6	15.7	307	0	0	22
4/10/2023 15:12	64.4	4.9	12.5	292	0	0	22
4/10/2023 14:57	63.7	7.6	17	298	0	0	22
4/10/2023 14:42	63.7	6	15.9	278	0	0	23
4/10/2023 14:27	62.6	6.7	15.2	303	0	0	25
4/10/2023 14:12	63.5	5.1	13	294	0	0	26
4/10/2023 13:57	61.7	5.1	15.4	301	0	0	29
4/10/2023 13:42	62.4	5.1	12.5	242	0	0	29
4/10/2023 13:27	60.6	5.6	15.7	289	0	0	32
4/10/2023 13:12	59.9	7.4	15.2	287	0	0	33
4/10/2023 12:57	61.3	5.6	15.7	295	0	0	32
4/10/2023 12:42	60.3	3.4	15	282	0	0	31
4/10/2023 12:27	59.5	5.8	13	251	0	0	32
4/10/2023 12:12	58.3	5.8	13.6	289	0	0	34
4/10/2023 11:57	58.6	5.1	13.4	269	0	0	35
4/10/2023 11:42	56.8	5.4	12.5	305	0	0	39
4/10/2023 11:27	55.8	4.7	9.8	298	0	0	42
4/10/2023 11:12	53.6	5.4	12.3	301	0	0	45
4/10/2023 10:57	53.2	6	13.9	283	0	0	47
4/10/2023 10:42	51.8	6.3	11.9	288	0	0	49
4/10/2023 10:27	50.4	8.1	13.2	303	0	0	51
4/10/2023 10:12	49.1	7.4	15.7	295	0	0	53
4/10/2023 9:57	48	9.4	19.7	300	0	0	55
4/10/2023 9:42	47.8	6.9	13.6	295	0	0	55
4/10/2023 9:27	47.1	7.4	14.8	282	0	0	56
4/10/2023 9:12	46.2	5.1	13	274	0	0	58
4/10/2023 8:57	45.1	6.7	12.8	295	0	0	59
4/10/2023 8:42	44.8	4.5	11.2	272	0	0	61
4/10/2023 8:27	43.3	5.1	12.5	302	0	0	65

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4/10/2023 8:12	41.5	2.5	6.7	329	0	0	68
4/10/2023 7:57	38.8	0.4	5.1	216	0	0	75
4/10/2023 7:42	34.9	0	1.3	204	0	0	84
4/10/2023 7:27	33.4	0	0	204	0	0	86
4/10/2023 7:12	34.2	0	0	204	0	0	86
4/10/2023 6:57	33.4	0	0	204	0	0	89
4/10/2023 6:42	32.5	0	0	204	0	0	88
4/10/2023 6:27	34.2	0	0	204	0	0	85
4/10/2023 6:12	36.7	0	0	204	0	0	82
4/10/2023 5:57	37.2	0.2	3.4	209	0	0	82
4/10/2023 5:42	35.8	0.2	2.7	195	0	0	86
4/10/2023 5:27	34.3	0.4	2.9	172	0	0	86
4/10/2023 5:12	35.4	0.2	2.7	172	0	0	85
4/10/2023 4:57	35.6	0	0.9	172	0	0	84
4/10/2023 4:42	35.2	0	0	172	0	0	84
4/10/2023 4:27	36	0	1.3	172	0	0	83
4/10/2023 4:12	36.1	0	1.6	172	0	0	81
4/10/2023 3:57	36.1	0	2	172	0	0	82
4/10/2023 3:42	35.6	0	2.7	172	0	0	82
4/10/2023 3:27	37	0	0	172	0	0	78
4/10/2023 3:12	38.3	0	0	172	0	0	75
4/10/2023 2:57	38.8	0	2.7	172	0	0	73
4/10/2023 2:42	39.2	0.9	4.5	172	0	0	72
4/10/2023 2:27	39.7	1.6	5.4	172	0	0	71
4/10/2023 2:12	39.9	1.1	5.1	180	0	0	70
4/10/2023 1:57	40.3	1.6	5.4	152	0	0	68
4/10/2023 1:42	40.3	1.6	4.9	164	0	0	69
4/10/2023 1:27	40.5	1.1	5.8	182	0	0	69
4/10/2023 1:12	40.3	0.9	3.4	182	0	0	69
4/10/2023 0:57	40.8	1.1	4.7	151	0	0	68
4/10/2023 0:42	41	2.5	4.3	135	0	0	68
4/10/2023 0:27	41.4	2.7	4.5	135	0	0	68
4/10/2023 0:12	41.7	3.4	6.3	135	0	0	67
4/9/2023 23:57	41.9	3.1	4.7	135	0	0	68
4/9/2023 23:42	42.3	3.4	5.6	135	0	0	67
4/9/2023 23:27	42.6	4	6.7	136	0	0	67
4/9/2023 23:12	43	4.5	6.9	129	0	0	66
4/9/2023 22:57	43.5	4.7	7.2	132	0	0	65
4/9/2023 22:42	43.9	4.9	7.8	137	0	0	63
4/9/2023 22:27	44.2	5.1	8.3	130	0	0	62
4/9/2023 22:12	44.8	5.4	11.2	133	0	0	60
4/9/2023 21:57	45.3	5.8	10.1	127	0	0	58
4/9/2023 21:42	45.9	7.4	13.9	132	0	0	57

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4/9/2023 21:27	46.4	7.2	14.3	129	0	0	55
4/9/2023 21:12	47.1	6	9.6	135	0	0	53
4/9/2023 20:57	47.8	7.2	11.9	128	0	0	51
4/9/2023 20:42	48.7	7.6	12.1	130	0	0	49
4/9/2023 20:27	49.6	6.7	12.1	125	0	0	47
4/9/2023 20:12	50.4	5.6	10.1	130	0	0	45
4/9/2023 19:57	51.8	6	12.8	127	0	0	40
4/9/2023 19:42	53.2	1.1	5.1	152	0	0	31
4/9/2023 19:27	54.5	3.4	5.8	153	0	0	28
4/9/2023 19:12	56.5	1.6	6	243	0	0	24
4/9/2023 18:57	57.4	0.4	2.5	302	0	0	22
4/9/2023 18:42	57.4	3.4	7.6	295	0	0	22
4/9/2023 18:27	57.7	3.1	8.7	238	0	0	22
4/9/2023 18:12	57.9	2.2	6.7	194	0	0	22
4/9/2023 17:57	58.5	1.8	6.7	221	0	0	21
4/9/2023 17:42	58.6	2.9	8.5	307	0	0	21
4/9/2023 17:27	57.9	4.5	10.5	297	0	0	22
4/9/2023 17:12	58.6	3.8	12.1	301	0	0	22
4/9/2023 16:57	59.5	4	13.2	291	0	0	21
4/9/2023 16:42	58.5	3.4	11.6	290	0	0	24
4/9/2023 16:27	57.7	4.9	9.2	282	0	0	25
4/9/2023 16:12	58.5	5.8	16.1	297	0	0	25
4/9/2023 15:57	59.2	4.3	11.6	298	0	0	24
4/9/2023 15:42	60.8	2.9	11.4	15	0	0	23
4/9/2023 15:27	58.3	3.8	11.2	273	0	0	24
4/9/2023 15:12	57.6	4.9	13.6	262	0	0	25
4/9/2023 14:57	58.8	5.4	11.6	124	0	0	24
4/9/2023 14:42	57.6	3.4	11.6	113	0	0	25
4/9/2023 14:27	58.5	4.5	13.2	135	0	0	25
4/9/2023 14:12	58.6	4.3	12.1	169	0	0	25
4/9/2023 13:57	59	3.4	11.4	156	0	0	24
4/9/2023 13:42	57.9	3.6	13.4	92	0	0	25
4/9/2023 13:27	56.7	6	18.8	130	0	0	26
4/9/2023 13:12	57.6	5.6	12.8	121	0	0	26
4/9/2023 12:57	58.1	2.7	8.9	65	0	0	25
4/9/2023 12:42	56.8	4	11.6	128	0	0	26
4/9/2023 12:27	55.6	4.5	12.8	119	0	0	26
4/9/2023 12:12	56.5	3.1	10.5	72	0	0	27
4/9/2023 11:57	55.6	3.4	9.2	47	0	0	29
4/9/2023 11:42	54.7	2.5	7.6	52	0	0	32
4/9/2023 11:27	53.2	5.1	13.4	105	0	0	35
4/9/2023 11:12	53.1	3.1	7.8	83	0	0	36
4/9/2023 10:57	52	2.9	7.4	33	0	0	38

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4/9/2023 10:42	51.6	4.5	10.7	121	0	0	39
4/9/2023 10:27	50.5	2.7	10.3	114	0	0	43
4/9/2023 10:12	49.1	4	10.5	112	0	0	45
4/9/2023 9:57	48.6	1.8	7.2	80	0	0	45
4/9/2023 9:42	47.5	1.8	7.4	58	0	0	45
4/9/2023 9:27	45.9	2.7	9.2	59	0	0	47
4/9/2023 9:12	45.1	1.8	6.3	76	0	0	49
4/9/2023 8:57	42.6	1.6	7.2	314	0	0	58
4/9/2023 8:42	39.6	2.2	4.7	308	0	0	69
4/9/2023 8:27	36.5	3.1	4.9	308	0	0	77
4/9/2023 8:12	34.2	2.2	5.4	265	0	0	82
4/9/2023 7:57	32	0	0	194	0	0	89
4/9/2023 7:42	30.2	0	0	194	0	0	91
4/9/2023 7:27	29.5	0	0	194	0	0	93
4/9/2023 7:12	28.9	0	0	194	0	0	93
4/9/2023 6:57	29.1	0	0	194	0	0	93
4/9/2023 6:42	29.1	0	0	194	0	0	93
4/9/2023 6:27	29.1	0	0	194	0	0	93
4/9/2023 6:12	29.5	0	0	194	0	0	93
4/9/2023 5:57	29.7	0	0	194	0	0	93
4/9/2023 5:42	29.8	0	0	194	0	0	92
4/9/2023 5:27	29.8	0	0	194	0	0	92
4/9/2023 5:12	30.4	0	0	194	0	0	91
4/9/2023 4:57	31.3	0	0	194	0	0	90
4/9/2023 4:42	31.1	0	0	194	0	0	90
4/9/2023 4:27	31.5	0	0	194	0	0	90
4/9/2023 4:12	32	0	0	194	0	0	91
4/9/2023 3:57	32	0	0	194	0	0	90
4/9/2023 3:42	32.2	0	0	194	0	0	90
4/9/2023 3:27	32.7	0	0	194	0	0	89
4/9/2023 3:12	33.3	0	0	194	0	0	88
4/9/2023 2:57	33.6	0	2	194	0	0	86
4/9/2023 2:42	33.8	0	0	194	0	0	84
4/9/2023 2:27	34.2	0	0	194	0	0	83
4/9/2023 2:12	34.7	0	0	194	0	0	82
4/9/2023 1:57	36.1	0	0	194	0	0	80
4/9/2023 1:42	37.6	0	0	194	0	0	77
4/9/2023 1:27	37.9	0	0	194	0	0	75
4/9/2023 1:12	38.5	0	1.8	194	0	0	74
4/9/2023 0:57	39	0.9	5.6	195	0	0	73
4/9/2023 0:42	39	2.5	6.7	183	0	0	72
4/9/2023 0:27	39.4	3.4	7.2	162	0	0	71
4/9/2023 0:12	39.7	3.6	8.7	171	0	0	70