CLEARWATER ENVIRONMENTAL RESOURCES, LLC

November 15, 2018

Georgia Department of Natural Resources
Response & Remediation Program
Land Protection Branch
2 Martin Luther King, Jr. Dr. SE, Suite 1054 East
Atlanta, Georgia 30334

Attention: Ms. Nicole Vermillion

Subject: **Soil Blending Scope of Work**
Parts Disassembly Area
Rayloc Facility, HSI #10547
600 Rayloc Drive
Atlanta, Georgia
Clearwater Project #1501-1-3

Dear Ms. Vermillion:

Clearwater Environmental Resources, LLC (Clearwater), under contract to Genuine Parts Company (GPC), is providing this letter outlining the Soil Blending Scope of Work for the interior Parts Disassembly Area (PDA) of the former Rayloc facility as requested in our July 11, 2018 meeting. The anticipated timeframe to complete the project is 6 to 8 weeks.

Clearwater collected and analyzed a total of 159 soil samples from 46 probe locations with depths varying from 10 to 20 feet in depth. 35 of the 46 sampling locations were below detection either at or below the 20-foot depth. Of the remaining 11 sampling locations, only 3 were sampled at the 20-foot depth, with the remaining 8 stopping at the 10-foot depth. The three 20-foot depth detections of PCE were as follows:

PDA-3 @ 20’ 0.835 ppm
PDA-6 @ 20’ 0.62 ppm
PDA-9 @ 20’ 1.57 ppm

Clearwater collected a subsequent confirmatory sample from near the PDA-9 20-foot sample and delivered it to the lab for analysis of both VOCs and SPLP. The confirmatory results were 0.89 ppm PCE totals and 0.0046 ppm PCE SPLP, indicating that the low levels of PCE detected at the 20 foot depths would not impact the groundwater at a nominal depth of approximately 40 feet.

Further, the following detections suggest that the lithology in this area is very tight and doesn’t allow for ready vertical migration of these contaminants.

PDA -5 @ 10’ 322 ppm
15’ 0.244 ppm

PDA-9 @ 10’ 2,140 ppm
15’ 0.540 ppm

PDA-12 @ 10’ 2,590 ppm
15’ 0.170 ppm

PDA-46 @ 10’ 498 ppm
20’ 0.417 ppm

Please refer to the attached Rayloc Parts Disassembly Area (PDA) map showing the sampling locations and the Table 1 for the associated sampling results.

Clearwater is in the process of submitting an amendment to our existing UIC permit to include the soil blending work and will schedule the site work upon receipt of authorization. Mr. Bijon Rahbar has asked that I provide him with a response from you indicating your approval of this scope of work prior to him providing me with the approved UIC amendment.

To prepare for the Soil Blending work, Clearwater collected six soil samples at random locations within the known impacted area which were analyzed for Permanganate Oxygen Demand (PNOD). These results will be used to determine the amount of permanganate necessary to remediate the impacted soil.

After delineating the soil impact within the PDA area of the warehouse, Clearwater completed saw cutting of the concrete surface over the impacted area and will remove the concrete prior to mobilization of the remedial equipment. This includes an area approximately 100 feet long by 35 feet wide.

Prior to initiating the Soil Blending activities, the three access points within the PDA portion of the warehouse will be cordoned off and sealed and the ceiling fan and other fans will be utilized to control emissions during the remedial action.

A pilot test will be conducted in a small area of the impacted area to ensure the required the Type 3 RRS results can be met. Upon receipt of satisfactory laboratory results the full scale soil blending activities will commence.

Soil blending in both the pilot test area and full scale area will consist of excavating the first 6 feet of impacted soil and staging it on an adjacent area of impacted soil. The next 6 feet of impacted soil will then be blended with permanganate using a blender head attached to an excavator. Following treatment, Portland cement will be used as a drying agent for stabilization of the soil. The initial 6 feet of excavated impacted soil will then be backfilled and blended with permanganate followed by Portland cement.

Clearwater will collect and analyze one confirmatory sample from each 100 cubic yards of blended material for volatile organic compounds (VOCs).

Clearwater will prepare a Soil Blending Completion Report upon successful completion of the project that will include the following:

1. A site map showing the Subject Property and area of Soil Blending work
2. Figures and Tables showing all sampling locations and results
3. A description of the Soil Blending process, and
4. Copies of laboratory reports

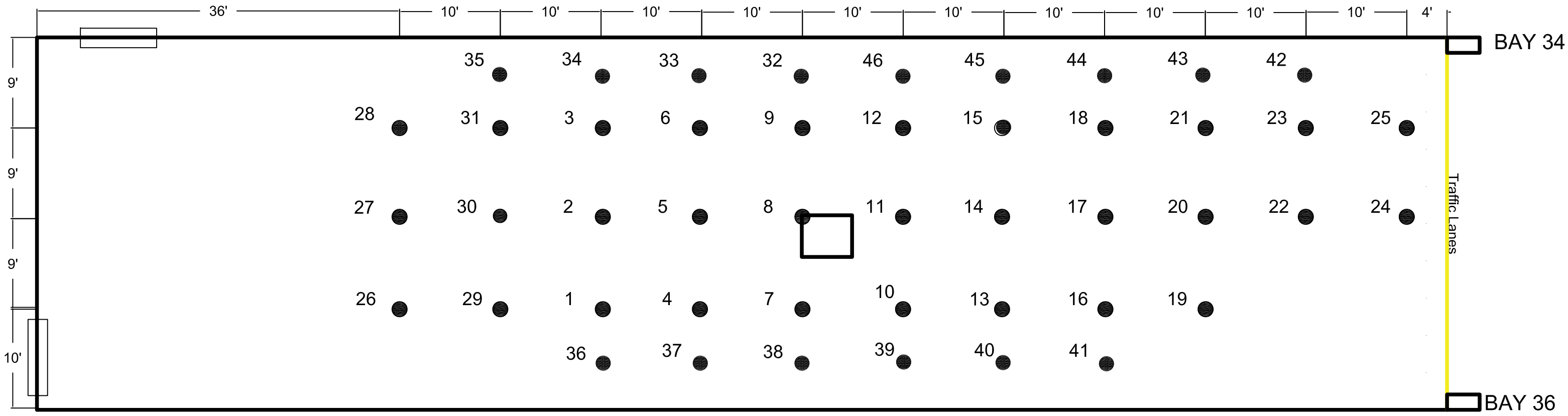
Clearwater and Genuine Parts Company appreciate your guidance with this project. Please contact either myself at jack.wintle@clearwaterenv.net or (678) 491-4601 or Mr. Bob Lewis at bob_lewis@genpt.com should you have questions or need further information.

Sincerely,
Clearwater Environmental Resources, LLC

Jack A. Wintle, P.G.
Senior Environmental Geologist

cc: Bob Lewis – Genuine Parts Company
Douglas E. Cloud - Kazmarek Mowrey Cloud Laseter LLP

Rayloc - Parts Disassembly Area (PDA)



North

Legend

- Frame Door
- Boring Location
- Ceiling Venting Fan

Table 1
PDA Sampling Results

Rayloc Facility
HSI# 10547

Sample Location	Type 3 RRS	PDA-1	PDA-1	PDA-1	PDA-1	PDA-2	PDA-2	PDA-2	PDA-2
Sample Date		2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018
Sample Depth		5'	10'	15'	20'	5'	10'	15'	20'
1,2,4-Trimethylbenzene	NA[2]	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
1,2-Dichlorobenzene	NA[2]	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
1,2-Dichloroethane	NA[2]	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
1,2-Dichloroethene	NA[2]	0.380	< 0.238	< 0.0021	< 0.0021	0.655	0.122	0.0022	< 0.0022
1,3,5-Trimethylbenzene	NA[2]	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
1,4-Dichlorobenzene	NA[2]	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
2-Butanone (MEK)	200	< 5.01	< 4.76	< 0.0433	< 0.0427	< 4.61	< 0.0473	< 0.0440	< 0.0445
Acetone	400	< 5.01	< 4.76	< 0.0433	< 0.0427	< 4.61	< 0.0473	< 0.0440	< 0.0445
Benzene	NA[2]	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
Bromomethane	NA[2]	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
Carbon Disulfide	NA[2]	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
Cis-1,2-dichloroethene	7	0.380	< 0.238	< 0.0021	< 0.0021	0.655	0.117	0.0022	< 0.0022
Ethylbenzene	70	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
m,p-Xylene	NA[2]	< 0.501	< 0.476	< 0.0043	< 0.0042	< 0.461	< 0.0047	< 0.0044	< 0.0044
o-Xylene	NA[2]	<0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
Naphthalene	NA[2]	< 1.25	< 1.19	< 0.0108	< 0.0106	< 1.15	< 0.0118	< 0.0110	< 0.0111
Styrene	14	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
Tetrachloroethene	0.5	**3.85**	**4.36**	0.0027	0.0106	**26.4**	**2.02**	0.032	0.0427
Toluene	100	< 1.25	< 1.19	< 0.0043	< 0.0042	< 1.15	< 0.0047	< 0.0044	< 0.0044
Trichloroethene	0.5	< 0.25	**0.71**	< 0.0021	< 0.0021	**0.687**	0.285	< 0.0022	< 0.0022
Vinyl Chloride	0.2	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022
Xylenes, Total	1,000	< 0.25	< 0.238	< 0.0021	< 0.0021	< 0.231	< 0.0023	< 0.0022	< 0.0022

Notes:
Matrix: soil
Units: mg/kg
Indicates detection of compound greater than Type 3 HSRA RRS .
Indicates detection of compound greater than Type 3 HSRA RRS at 10 feet or above.
Indicates detection of compound greater than Type 3 HSRA RRS below 10 feet.

Table 1 (continued)

PDA-3	PDA-3	PDA-3	PDA-3	PDA-4	PDA-4	PDA-4	PDA-4	PDA-5	PDA-5	PDA-5	PDA-5
2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018
5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	15'	20'
0.0028	< 0.0023	< 0.0022	< 0.0024	0.0046	0.0105	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0025	< 0.0023	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0025	< 0.0023	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
0.909	0.130	0.0134	0.244	2.16	2.60	0.0170	0.0092	7.41	2.31	0.0247	0.0501
< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0025	0.0038	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0025	< 0.0023	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
< 0.0473	< 0.0466	< 0.0449	< 0.0485	< 0.0513	< 0.0470	< 0.0461	< 0.0458	< 5.21	< 4.71	< 0.0465	< 0.0461
0.0635	< 0.0466	< 0.0449	< 0.0485	0.0783	0.0589	< 0.0461	< 0.0458	< 5.21	< 4.71	< 0.0465	< 0.0461
< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0025	< 0.0023	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0025	< 0.0023	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
< 0.0023	< 0.0023	< 0.0022	< 0.0024	0.0031	0.0033	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
0.889	0.126	0.0134	0.244	2.12	2.54	0.0170	0.0092	**7.41**	2.31	0.0224	0.0474
< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0025	< 0.0023	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
0.0068	< 0.0046	< 0.0044	< 0.0048	< 0.0051	0.0047	< 0.0046	< 0.0045	< 0.521	< 0.471	< 0.0046	< 0.0046
0.0033	< 0.0023	< 0.0022	< 0.0024	< 0.0025	0.0033	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
< 0.0118	< 0.0116	< 0.0112	< 0.0121	< 0.0128	< 0.0117	< 0.0115	< 0.0114	< 1.30	< 1.18	< 0.0116	< 0.0115
< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0025	< 0.0023	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
5.63	**0.768**	**0.649**	**0.835**	**8.24**	**62.5**	0.0906	0.0460	**36.6**	**322**	0.244	0.125
0.0077	< 0.0046	< 0.0044	< 0.0048	< 0.0051	0.0066	< 0.0046	< 0.0045	< 1.30	< 1.18	< 0.0046	< 0.0046
0.387	0.0947	0.0183	0.0976	**0.766**	**5.19**	0.0102	0.0045	**1.17**	**4.59**	0.0136	0.0178
0.0057	< 0.0023	< 0.0022	< 0.0024	< 0.0025	< 0.0023	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023
0.0102	< 0.0023	< 0.0022	< 0.0024	< 0.0025	0.0080	< 0.0023	< 0.0022	< 0.260	< 0.235	< 0.0023	< 0.0023

Table 1 (continued)

PDA-6	PDA-6	PDA-6	PDA-6	PDA-7	PDA-7	PDA-7	PDA-7	PDA-8	PDA-8	PDA-8	PDA-8
2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018
5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	15'	20'
< 0.0025	0.0142	< 0.0022	< 0.0027	< 0.0025	0.0058	< 0.0028	< 0.0022	0.0076	0.0242	< 0.0022	< 0.0025
< 0.0025	< 0.0022	< 0.0022	< 0.0027	< 0.0025	< 0.0022	< 0.0028	< 0.0022	< 0.0022	< 0.0023	< 0.0022	< 0.0025
< 0.0025	< 0.0022	< 0.0022	< 0.0027	< 0.0025	< 0.0022	< 0.0028	< 0.0022	< 0.0022	< 0.0023	< 0.0022	< 0.0025
1.71	0.337	0.036	0.223	3.99	4.33	0.0069	0.0048	4.23	5.51	0.0085	0.0476
< 0.0025	0.0041	< 0.0022	< 0.0027	< 0.0025	< 0.0022	< 0.0028	< 0.0022	0.0023	0.0076	< 0.0022	< 0.0025
< 0.0025	< 0.0022	< 0.0022	< 0.0027	< 0.0025	< 0.0022	< 0.0028	< 0.0022	< 0.0022	< 0.0023	< 0.0022	< 0.0025
< 0.0507	< 0.0457	< 0.0459	< 0.0544	< 0.0513	< 0.0457	< 0.0561	< 0.0444	< 0.0451	< 0.0470	< 0.0458	< 0.0517
0.0672	< 0.0457	< 0.0459	< 0.0544	0.105	< 0.0457	< 0.0561	< 0.0444	0.141	0.065	0.0533	< 0.0517
< 0.0025	< 0.0022	< 0.0022	< 0.0027	< 0.0025	< 0.0022	< 0.0028	< 0.0022	< 0.0022	< 0.0023	< 0.0022	< 0.0025
< 0.0025	< 0.0022	< 0.0022	< 0.0027	< 0.0025	< 0.0022	< 0.0028	< 0.0022	< 0.0022	< 0.0023	< 0.0022	< 0.0025
< 0.0025	< 0.0022	< 0.0022	< 0.0027	0.0052	< 0.0022	< 0.0028	< 0.0022	0.0046	< 0.0023	< 0.0022	< 0.0025
1.70	0.328	0.036	0.223	3.92	4.27	0.0069	0.0048	4.21	5.47	0.0085	0.0447
< 0.0025	< 0.0022	< 0.0022	< 0.0027	< 0.0025	< 0.0022	< 0.0028	< 0.0022	< 0.0022	< 0.0023	< 0.0022	< 0.0025
< 0.0050	< 0.0045	< 0.0045	< 0.0054	< 0.0051	< 0.0045	< 0.0056	< 0.0044	< 0.0045	< 0.0047	< 0.0045	< 0.0051
< 0.0025	0.0022	< 0.0022	< 0.0027	< 0.0025	0.0024	< 0.0028	< 0.0022	< 0.0022	0.0038	< 0.0022	< 0.0025
< 0.0126	< 0.0114	< 0.0114	< 0.0136	< 0.0128	< 0.0114	< 0.0140	< 0.0111	< 0.0112	< 0.0117	< 0.0114	< 0.0129
< 0.0025	< 0.0022	< 0.0022	< 0.0027	< 0.0025	< 0.0022	< 0.0028	< 0.0022	< 0.0022	< 0.0023	< 0.0022	< 0.0025
6.59	**5.31**	0.111	**0.62**	**3.59**	**35.70**	0.0133	0.0039	**29.7**	**87.6**	0.120	0.140
0.0051	< 0.0045	< 0.0045	< 0.0054	< 0.0051	< 0.0045	< 0.0056	< 0.0044	0.0107	0.0112	< 0.0045	< 0.0051
1.99	**0.554**	0.0242	0.114	**0.730**	**1.78**	< 0.0028	< 0.0022	**0.941**	**2.41**	0.0039	0.0275
< 0.0025	< 0.0022	< 0.0022	< 0.0027	< 0.0025	0.0029	< 0.0028	< 0.0022	< 0.0022	0.0033	< 0.0022	< 0.0025
< 0.0025	0.0022	< 0.0022	< 0.0027	< 0.0025	0.0024	< 0.0028	< 0.0022	< 0.0022	0.0038	< 0.0022	< 0.0025

Table 1 (continued)

PDA-9	PDA-9	PDA-9	PDA-9	PDA-10	PDA-10	PDA-10	PDA-10	PDA-11	PDA-11	PDA-11	PDA-11
2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/15/2018
5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	15'	20'
< 0.242	2.7	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	0.0044	0.0039	< 0.0023	< 0.0026
< 0.242	< 0.230	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026
< 0.242	< 0.230	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026
6.63	8.84	0.0574	0.0707	11.7	2.98	0.0095	0.101	8.55	5.29	0.0939	0.0692
< 0.242	1.07	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026
< 0.242	< 0.230	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026
< 4.84	< 4.61	< 0.0498	< 0.0509	< 4.77	< 4.45	< 0.0447	< 0.0520	< 0.0466	< 0.0483	< 0.0466	< 0.0527
< 4.84	< 4.61	< 0.0498	< 0.0509	< 4.77	< 4.45	< 0.0447	< 0.0520	0.221	< 0.0483	< 0.0466	< 0.0527
< 0.242	< 0.230	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026
< 0.242	< 0.230	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026
< 0.242	< 0.230	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026
6.63	**8.55**	0.0546	0.0707	**11.7**	2.98	0.0095	0.101	**8.52**	5.24	0.0907	0.0692
< 0.242	< 0.230	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026
< 0.484	< 0.461	< 0.0049	< 0.0050	< 0.477	< 0.445	< 0.0044	< 0.0052	< 0.0046	< 0.0048	< 0.0046	< 0.0052
< 0.242	0.291	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026
< 1.21	< 1.15	< 0.0124	< 0.0127	< 1.19	< 1.11	< 0.0111	< 0.0130	< 0.0116	< 0.0120	< 0.0116	< 0.0131
< 0.242	< 0.230	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026
23.8	**2,140**	**0.540**	**1.57**	**1.95**	**1.32**	0.0085	0.0878	**15.5**	**10.7**	0.159	0.165
< 1.21	< 1.15	< 0.0049	< 0.0050	< 0.477	< 0.445	< 0.0044	< 0.0052	0.0166	0.0092	< 0.0046	< 0.0052
4.67	**23.5**	0.0396	0.0596	**1.67**	**0.437**	< 0.0022	0.0266	**3.57**	**1.87**	0.0245	0.0130
< 0.242	< 0.230	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	0.0062	0.0071	< 0.0023	< 0.0026
< 0.242	0.291	< 0.0024	< 0.0025	< 0.239	< 0.222	< 0.0022	< 0.0026	< 0.0023	< 0.0024	< 0.0023	< 0.0026

Table 1 (continued)

PDA-12	PDA-12	PDA-12	PDA-12	PDA-13	PDA-13	PDA-13	PDA-13	PDA-14	PDA-14	PDA-14	PDA-14
2/15/2018	2/15/2018	2/15/2018	2/15/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018
5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	15'	20'
< 0.0023	1.39	< 0.0027	< 0.0027	0.0063	0.0062	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
< 0.0023	< 0.230	< 0.0027	< 0.0027	< 0.0023	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
< 0.0023	< 0.230	< 0.0027	< 0.0027	< 0.0023	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
13.6	7.34	0.102	0.0942	3.99	0.738	0.0825	0.0451	5.21	1.95	0.0034	0.0053
< 0.0023	0.421	< 0.0027	< 0.0027	0.0024	0.0033	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
< 0.0023	< 0.230	< 0.0027	< 0.0027	< 0.0023	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
< 0.0477	< 4.60	< 0.0554	< 0.0549	< 0.0464	< 0.0483	< 0.0458	< 0.0455	< 4.67	< 4.65	< 0.0479	< 0.0435
0.289	< 4.60	< 0.0554	< 0.0549	< 0.0464	< 0.0483	< 0.0458	< 0.0455	< 4.67	< 4.65	< 0.0479	< 0.0435
< 0.0023	< 0.230	< 0.0027	< 0.0027	< 0.0023	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
< 0.0023	< 0.230	< 0.0027	< 0.0027	< 0.0023	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
0.0024	< 0.230	< 0.0027	< 0.0027	< 0.0023	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
13.5	**7.34**	0.102	0.0942	3.97	0.729	0.0825	0.0451	5.21	1.95	0.0034	0.0053
0.0024	< 0.230	< 0.0027	< 0.0027	< 0.0023	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
< 0.0079	< 0.460	< 0.0055	< 0.0054	< 0.0046	< 0.0048	< 0.0045	< 0.0045	< 0.467	< 0.465	< 0.0047	< 0.0043
< 0.0023	< 0.230	< 0.0027	< 0.0027	0.0037	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
< 0.0119	< 1.15	< 0.0138	< 0.0137	< 0.0116	< 0.0120	< 0.0114	< 0.0113	< 1.17	< 1.16	< 0.0119	< 0.0108
< 0.0023	< 0.230	< 0.0027	< 0.0027	< 0.0023	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
49.9	**2,590**	0.170	0.151	0.468	**0.800**	0.0474	0.0309	**6.93**	**14.1**	0.0113	0.0152
0.0642	< 1.15	< 0.0055	< 0.0054	0.0052	< 0.0048	< 0.0045	< 0.0045	< 1.17	< 1.16	< 0.0047	< 0.0043
2.59	**19.8**	0.0196	0.0160	0.271	0.415	0.0159	0.0042	**1.86**	**1.91**	< 0.0023	< 0.0021
< 0.0023	< 0.230	< 0.0027	< 0.0027	0.0032	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021
< 0.0023	< 0.230	< 0.0027	< 0.0027	0.0037	< 0.0024	< 0.0022	< 0.0022	< 0.234	< 0.233	< 0.0023	< 0.0021

Table 1 (continued)

PDA-15	PDA-15	PDA-15	PDA-15	PDA-16	PDA-16	PDA-16	PDA-16	PDA-17	PDA-17	PDA-17	PDA-17
2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018
5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	15'	20'
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	0.195	< 0.0022	< 0.0028
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	< 0.0022	< 0.0022	< 0.0028
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	< 0.0022	< 0.0022	< 0.0028
4.42	1.97	0.0324	0.0024	1.92	1.37	0.170	0.0545	4.85	1.34	0.100	0.0373
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	0.0559	< 0.0022	< 0.0028
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	< 0.0022	< 0.0022	< 0.0028
< 4.88	< 4.96	< 0.473	< 0.0480	< 4.58	< 5.08	< 0.0479	< 0.0479	< 5.72	< 0.0455	< 0.0457	<0.0566
< 4.88	< 4.96	< 0.473	< 0.0480	< 4.58	< 5.08	< 0.0479	< 0.0479	< 5.72	< 0.0455	< 0.0457	<0.0566
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	< 0.0022	< 0.0022	< 0.0028
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	< 0.0022	< 0.0022	< 0.0028
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	< 0.0022	< 0.0022	< 0.0028
4.42	1.97	0.0280	0.0024	1.92	1.37	0.166	0.0545	4.85	1.33	0.0974	0.0373
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	0.0094	< 0.0022	< 0.0028
< 0.488	< 0.496	< 0.0047	< 0.0048	< 0.458	< 0.508	< 0.0047	< 0.0047	< 0.572	0.0325	< 0.0045	< 0.0056
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	0.0415	< 0.0022	< 0.0028
< 1.22	< 1.24	< 0.0118	< 0.0120	< 1.14	< 1.27	< 0.0119	< 0.0119	< 1.43	< 0.0113	< 0.114	< 0.0142
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	< 0.0022	< 0.0022	< 0.0028
19.2	**16.8**	0.0858	0.0102	**0.873**	**1.20**	0.0421	0.0285	**12.0**	**1.72**	0.0413	0.0239
< 1.22	< 1.24	< 0.0047	< 0.0048	< 1.14	< 1.27	< 0.0047	< 0.0047	< 1.43	0.0372	< 0.0045	< 0.0056
1.45	**3.16**	0.0539	< 0.0024	0.460	**0.622**	0.0312	0.0036	**4.5**	**1.04**	0.0245	0.0040
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	0.0050	< 0.0022	< 0.0028
< 0.244	< 0.249	< 0.0023	< 0.0024	< 0.229	< 0.254	< 0.0023	< 0.0023	< 0.286	0.0740	< 0.0022	< 0.0028

Table 1 (continued)

PDA-18	PDA-18	PDA-18	PDA-18	PDA-19	PDA-19	PDA-19	PDA-19	PDA-20	PDA-20	PDA-20	PDA-20
2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018	2/22/2018
5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	15'	20'
< 0.232	< 0.244	< 0.0023	< 0.0024	0.0113	0.0106	0.0032	< 0.0022	< 0.232	<0.234	0.0025	< 0.0023
< 0.232	< 0.244	< 0.0023	< 0.0024	< 0.0023	< 0.0025	< 0.0024	< 0.0022	< 0.232	<0.234	< 0.0024	< 0.0023
< 0.232	< 0.244	< 0.0023	< 0.0024	< 0.0023	< 0.0025	< 0.0024	< 0.0022	< 0.232	<0.234	< 0.0024	< 0.0023
2.81	5.58	0.102	0.0449	1.45	0.157	0.134	0.0169	1.29	1.88	0.166	0.0091
< 0.232	< 0.244	< 0.0023	< 0.0024	0.0042	0.0030	< 0.0024	< 0.0022	< 0.232	<0.234	< 0.0024	< 0.0023
< 0.232	< 0.244	< 0.0023	< 0.0024	< 0.0023	< 0.0025	< 0.0024	< 0.0022	< 0.232	<0.234	< 0.0024	< 0.0023
< 4.65	< 4.87	< 0.0477	< 0.0480	< 0.0464	< 0.0512	< 0.0483	< 0.0457	< 4.63	< 4.69	< 0.0481	< 0.0472
< 4.65	< 4.87	< 0.0477	< 0.0480	< 0.0464	< 0.0512	< 0.0483	< 0.0457	< 4.63	< 4.69	< 0.0481	< 0.0472
< 0.232	< 0.244	< 0.0023	< 0.0024	< 0.0023	< 0.0025	< 0.0024	< 0.0022	< 0.232	<0.234	< 0.0024	< 0.0023
< 0.232	< 0.244	< 0.0023	< 0.0024	< 0.0023	< 0.0025	< 0.0024	< 0.0022	< 0.232	<0.234	< 0.0024	< 0.0023
< 0.232	< 0.244	< 0.0023	< 0.0024	< 0.0023	< 0.0025	< 0.0024	< 0.0022	< 0.232	<0.234	< 0.0024	< 0.0023
2.81	5.58	0.0936	0.0449	1.44	0.157	0.132	0.0169	1.29	1.88	0.162	0.0091
< 0.232	< 0.244	< 0.0023	< 0.0024	< 0.0023	< 0.0025	< 0.0024	< 0.0022	< 0.232	0.246	< 0.0024	< 0.0023
< 0.465	< 0.487	< 0.0047	< 0.0048	< 0.0046	< 0.0051	< 0.0048	< 0.0045	< 0.463	0.937	< 0.0048	< 0.0047
< 0.232	< 0.244	< 0.0023	< 0.0024	0.0053	< 0.0025	< 0.0024	< 0.0022	< 0.232	0.85	< 0.0024	< 0.0023
< 1.16	< 1.22	< 0.0119	< 0.0120	< 0.0116	< 0.0128	< 0.0120	< 0.0114	< 1.16	< 1.17	< 0.0120	< 0.0118
< 0.232	< 0.244	< 0.0023	< 0.0024	< 0.0023	< 0.0025	< 0.0024	< 0.0022	< 0.232	<0.234	< 0.0024	< 0.0023
11.0	**6.13**	0.0308	0.0117	0.376	0.134	0.0349	0.0137	**1.58**	**27.0**	0.0832	0.0290
< 1.16	< 1.22	< 0.0047	< 0.0048	< 0.0046	< 0.0051	< 0.0048	< 0.0045	< 1.16	< 1.17	< 0.0048	< 0.0047
0.897	**3.58**	0.0157	0.0039	0.235	0.0596	0.0287	0.0026	**0.714**	**4.14**	0.0314	< 0.0023
< 0.232	< 0.244	< 0.0023	< 0.0024	0.0027	0.0034	< 0.0024	< 0.0022	< 0.232	<0.234	< 0.0024	< 0.0023
< 0.232	< 0.244	< 0.0023	< 0.0024	0.0053	< 0.0025	< 0.0024	< 0.0022	< 0.232	1.78	< 0.0024	< 0.0023

Table 1 (continued)

PDA-21	PDA-21	PDA-21	PDA-21	PDA-22	PDA-22	PDA-22	PDA-22	PDA-23	PDA-23	PDA-23	PDA-23
2/22/2018	2/22/2018	2/22/2018	2/22/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018
5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	15'	20'
0.354	31.6	< 0.0023	< 0.0024	0.0190	0.0389	0.0056	< 0.0020	0.0693	0.320	< 0.0020	< 0.0020
< 0.0023	< 0.252	< 0.0023	< 0.0024	< 0.0020	< 0.0020	< 0.0022	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
0.0049	< 0.252	< 0.0023	< 0.0024	< 0.0020	< 0.0020	< 0.0022	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
4.73	12.8	0.0661	0.0199	0.342	0.555	0.0248	< 0.0020	1.84	1.42	0.0880	< 0.0020
0.456	9.69	< 0.0023	< 0.0024	0.0060	0.0137	< 0.0022	< 0.0020	0.0234	0.297	< 0.0020	< 0.0020
< 0.0023	< 0.252	< 0.0023	< 0.0024	< 0.0020	< 0.0020	< 0.0022	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.0470	< 5.04	< 0.0469	< 0.0482	< 0.0400	< 0.0400	< 0.0451	< 0.0400	< 0.0400	< 0.0400	< 0.0410	< 0.0400
0.256	< 5.04	0.0926	< 0.0482	< 0.0400	< 0.0400	0.0739	0.0705	0.0550	0.127	< 0.0410	0.0937
< 0.0023	< 0.252	< 0.0023	< 0.0024	< 0.0020	< 0.0020	< 0.0022	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.0023	< 0.252	< 0.0023	< 0.0024	< 0.0020	< 0.0020	< 0.0022	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.0023	< 0.252	< 0.0023	< 0.0024	< 0.0020	< 0.0020	< 0.0022	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
4.69	**12.8**	0.0661	0.0199	0.340	0.550	0.0248	< 0.0020	1.83	1.41	0.0880	< 0.0020
0.0565	1.40	< 0.0023	< 0.0024	< 0.0020	< 0.0020	< 0.0022	< 0.0020	0.0032	0.0197	< 0.0020	< 0.0020
0.227	5.00	< 0.0046	< 0.0048	0.0041	0.0080	< 0.0045	< 0.0040	0.0162	0.0981	< 0.0041	< 0.0040
0.178	3.51	< 0.0023	< 0.0024	0.0070	0.0119	< 0.0022	< 0.0020	0.0241	0.108	< 0.0020	< 0.0020
< 0.0117	< 1.26	< 0.0117	< 0.0120	< 0.0100	< 0.0100	< 0.0113	< 0.0100	< 0.0100	< 0.0100	< 0.0102	< 0.0100
< 0.0023	< 0.252	< 0.0023	< 0.0024	< 0.0020	< 0.0020	< 0.0022	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
4.14	**356**	0.0449	0.0200	0.205	0.287	0.0058	< 0.0020	0.430	**0.627**	0.0216	< 0.0020
0.239	2.9	< 0.0046	< 0.0048	< 0.0040	0.0071	< 0.0045	< 0.0040	0.0169	0.0466	< 0.0041	< 0.0040
0.804	**15.1**	0.0065	< 0.0024	0.205	0.130	0.003	< 0.0020	0.399	0.354	0.0089	< 0.0020
0.0474	< 0.252	< 0.0023	< 0.0024	< 0.0020	0.0035	< 0.0022	< 0.0020	0.0143	0.0123	< 0.0020	< 0.0020
0.405	8.51	< 0.0023	< 0.0024	0.0112	0.0199	< 0.0022	< 0.0020	0.0403	0.206	< 0.0020	< 0.0020

Table 1 (continued)

PDA-24	PDA-24	PDA-24	PDA-24	PDA-25	PDA-25	PDA-25	PDA-25	PDA-26	PDA-26	PDA-26	PDA-26
3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018
5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	15'	20'
0.0329	0.0210	0.0213	< 0.0020	< 0.200	< 0.200	0.0188	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
0.174	0.240	0.0500	< 0.0020	1.39	0.752	0.322	< 0.0020	0.0269	< 0.0020	< 0.0020	< 0.0021
0.013	0.0077	0.0090	< 0.0020	< 0.200	< 0.200	0.0098	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 4.00	< 4.00	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0417	< 0.0424
< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 4.00	< 4.00	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0417	< 0.0424
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
0.174	0.236	0.0500	< 0.0020	1.39	0.752	0.304	< 0.0020	0.0269	< 0.0020	< 0.0020	< 0.0021
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
0.0042	< 0.0040	0.0046	< 0.0040	< 0.400	< 0.400	0.0054	< 0.0040	< 0.0040	< 0.0040	< 0.0041	< 0.0042
0.0077	0.0057	0.0090	< 0.0020	< 0.200	< 0.200	0.0126	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 1.00	< 1.00	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0104	< 0.0106
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
0.253	0.0999	0.0049	< 0.0020	0.346	0.2230	0.0105	< 0.0020	0.442	0.0910	0.0024	< 0.0021
< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 1.00	< 1.00	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0041	< 0.0042
0.0513	0.0428	< 0.0020	< 0.0020	< 0.200	< 0.200	0.0034	< 0.0020	0.0243	< 0.0020	< 0.0020	< 0.0021
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
0.120	0.0057	0.137	< 0.0020	< 0.200	< 0.200	0.0181	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021

Table 1 (continued)

PDA-27	PDA-27	PDA-27	PDA-27	PDA-28	PDA-28	PDA-28	PDA-28	PDA-29	PDA-29	PDA-29	PDA-29
3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018
5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	15'	20'
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
0.538	0.007	< 0.0020	< 0.0020	1.01	0.0185	< 0.0020	< 0.0020	0.0066	< 0.0020	< 0.0020	< 0.0020
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 4.00	< 0.0400	< 0.0400	< 0.0400	< 4.00	< 0.0400	< 0.0414	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 0.0408
< 4.00	< 0.0400	< 0.0400	< 0.0400	< 4.00	< 0.0400	< 0.0414	< 0.0400	< 0.0400	0.0407	< 0.0400	< 0.0408
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
0.538	0.007	< 0.0020	< 0.0020	1.01	0.0185	< 0.0020	< 0.0020	0.0066	< 0.0020	< 0.0020	< 0.0020
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.400	< 0.0040	< 0.0040	< 0.0040	< 0.400	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 1.00	< 0.0100	< 0.0100	< 0.0100	< 1.00	< 0.0100	< 0.0104	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0102
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
1.57	0.100	0.0031	0.0207	**0.691**	0.222	0.0042	0.0850	0.0990	0.204	< 0.0020	< 0.0020
< 1.00	< 0.0040	< 0.0040	< 0.0040	< 1.00	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
0.59	0.0027	< 0.0020	< 0.0020	< 0.200	0.0041	< 0.0020	< 0.0020	0.0050	0.0064	< 0.0020	< 0.0020
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.200	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020

Table 1 (continued)

PDA-30	PDA-30	PDA-30	PDA-30	PDA-31	PDA-31	PDA-31	PDA-31	PDA-32	PDA-32	PDA-33	PDA-33
3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	3/14/2018	9/20/2018	9/20/2018	10/10/2018	10/10/2018
5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	5'	10'
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	0.130	<0.219
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	< 0.0023	<0.219
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	< 0.0023	<0.219
0.166	0.0046	< 0.0020	< 0.0020	1.63	0.0295	< 0.0020	0.0080	8.83	0.600	0.428	0.261
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	< 0.0023	<0.219
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	< 0.0023	<0.219
< 0.0400	< 0.0400	< 0.0400	< 0.0411	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 4.82	< 4.44	< 0.0471	< 4.38
0.0580	< 0.0400	< 0.0400	< 0.0411	< 0.0400	< 0.0400	< 0.0400	< 0.0400	< 4.82	< 4.44	< 0.0471	< 4.38
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	0.0078	<0.219
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	< 0.0023	<0.219
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	< 0.0023	<0.219
0.149	0.0046	< 0.0020	< 0.0020	1.61	0.0295	< 0.0020	0.0080	**7.78**	0.600	0.413	0.261
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	0.0163	<0.219
< 0.0040	< 0.0040	< 0.0040	< 0.0041	0.0067	< 0.0040	< 0.0040	< 0.0040	< 0.482	< 0.444	0.0564	< 0.438
< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0029	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	0.0487	<0.219
< 0.0100	< 0.0100	< 0.0100	< 0.0103	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 1.20	< 1.11	< 0.0117	< 1.09
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	< 0.0023	<0.219
1.93	0.0770	0.0048	< 0.0020	**0.708**	**0.596**	0.0044	0.318	**26.1**	**20.4**	0.0212	**1.50**
< 0.0040	< 0.0040	< 0.0040	< 0.0041	0.0107	< 0.0040	< 0.0040	< 0.0040	< 0.482	< 0.444	0.0574	< 1.09
0.158	0.0039	< 0.0020	< 0.0020	0.100	0.0172	< 0.0020	0.0051	**3.13**	**0.898**	0.0162	0.382
< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0346	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	**0.330**	<0.219
< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0096	< 0.0020	< 0.0020	< 0.0020	< 0.241	< 0.222	0.105	< 0.219

Table 1 (continued)

PDA-34	PDA-34	PDA-35	PDA-35	PDA-36	PDA-36	PDA-37	PDA-37	PDA-37	PDA-38	PDA-38
10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/26/2018	10/10/2018	10/10/2018
5'	10'	5'	10'	5'	10'	5'	10'	20'	5'	10'
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
11.1	0.531	6.92	0.405	0.870	0.151	1.88	1.88	< 0.0021	1.30	2.47
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
< 4.85	< 4.71	< 4.72	< 4.76	< 5.04	< 0.0472	< 4.69	< 4.76	< 0.0430	< 4.76	< 4.61
< 4.85	< 4.71	< 4.72	< 4.76	< 5.04	< 0.0472	< 4.69	< 4.76	< 0.0430	< 4.76	< 4.61
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
11.1	0.531	6.92	0.405	0.870	0.143	1.88	1.88	< 0.0021	1.30	2.47
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
< 0.485	< 0.471	< 0.472	< 0.476	< 0.504	< 0.0047	< 0.469	< 0.476	0.0051	< 0.476	< 0.461
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
< 1.22	< 1.18	< 1.18	< 1.19	< 1.26	< 0.0118	< 1.17	< 1.19	< 0.0107	< 1.19	< 1.15
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
< 0.243	**0.642**	< 0.236	**1.80**	**2.66**	**0.564**	**4.64**	**21.3**	0.0042	**0.599**	**2.80**
< 1.22	< 1.18	< 1.18	< 1.19	< 1.26	< 0.0118	< 1.17	< 1.19	< 0.0043	< 1.19	< 1.15
< 0.243	0.352	< 0.236	< 0.238	**0.540**	0.177	**0.640**	**2.92**	< 0.0021	< 0.238	**1.04**
< 0.243	<0.235	**1.00**	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	< 0.0021	< 0.238	< 0.230
< 0.243	<0.235	< 0.236	< 0.238	< 0.252	< 0.0023	< 0.234	< 0.238	0.0051	< 0.238	< 0.230

Table 1 (continued)

PDA-39	PDA-39	PDA-40	PDA-40	PDA-41	PDA-41	PDA-42	PDA-42	PDA-42	PDA-43	PDA-43	PDA-43
10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/26/2018	10/10/2018	10/10/2018	10/26/2018
5'	10'	5'	10'	5'	10'	5'	10'	20'	5'	10'	20'
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	26.6	< 0.254	< 0.0022	< 0.237	< 0.249	< 0.0023
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	< 0.244	< 0.254	< 0.0022	< 0.237	< 0.249	< 0.0023
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	< 0.244	< 0.254	< 0.0022	< 0.237	< 0.249	< 0.0023
3.43	1.03	1.41	0.675	1.26	0.710	21.8	36.7	0.0325	2.44	21.8	0.0435
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	9.29	< 0.254	< 0.0022	< 0.237	< 0.249	< 0.0023
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	< 0.244	< 0.254	< 0.0022	< 0.237	< 0.249	< 0.0023
< 4.99	< 0.0465	< 0.0485	< 0.0488	< 4.75	< 4.90	< 4.88	< 5.08	< 0.0451	< 4.73	< 4.98	< 0.0470
< 4.99	< 0.0465	< 0.0485	< 0.0488	< 4.75	< 4.90	< 4.88	< 5.08	< 0.0451	< 4.73	< 4.98	< 0.0470
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	< 0.244	< 0.254	< 0.0022	< 0.237	< 0.249	< 0.0023
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	< 0.244	< 0.254	< 0.0022	< 0.237	< 0.249	< 0.0023
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	< 0.244	< 0.254	< 0.0022	< 0.237	< 0.249	< 0.0023
3.43	1.03	1.40	0.668	1.26	0.710	**21.8**	**36.7**	0.0325	2.44	**21.8**	0.0435
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	0.609	1.87	< 0.0022	< 0.237	< 0.249	< 0.0023
< 0.499	< 0.0046	< 0.0048	< 0.0048	< 0.475	< 0.490	2.45	5.93	0.0049	< 0.473	< 0.498	0.0050
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	1.24	2.74	< 0.0022	< 0.237	< 0.249	< 0.0023
< 1.25	< 0.0116	< 0.121	< 0.122	< 1.19	< 1.22	< 1.22	< 1.27	< 0.0112	< 1.18	< 1.24	< 0.0117
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	< 0.244	< 0.254	< 0.0022	< 0.237	< 0.249	< 0.0023
1.35	0.124	0.348	0.201	**0.628**	**0.625**	**109**	**8.22**	0.0081	**0.954**	**5.61**	0.0094
< 1.25	< 0.0046	< 0.0048	< 0.0048	< 1.19	< 1.22	< 1.22	5.36	0.0045	< 1.18	< 1.24	< 0.0047
0.364	0.0460	0.143	0.136	0.273	0.273	**3.59**	**3.49**	0.0028	0.367	**1.50**	0.0027
< 0.249	0.0080	< 0.0024	< 0.0024	< 0.238	< 0.245	< 0.244	**0.598**	< 0.0022	< 0.237	< 0.249	< 0.0023
< 0.249	< 0.0023	< 0.0024	< 0.0024	< 0.238	< 0.245	3.70	8.68	0.0049	< 0.237	< 0.249	0.0050

Table 1 (continued)

PDA-44 10/10/2018 5'	PDA-44 10/10/2018 10'	PDA-45 10/10/2018 5'	PDA-45 10/10/2018 10'	PDA-45 10/26/2018 20'	PDA-46 10/10/2018 5'	PDA-46 10/10/2018 10'	PDA-46 10/26/2018 20'	Type 3 RRS
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	0.853	< 0.0026	NA[2]
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	< 0.239	< 0.0026	NA[2]
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	< 0.239	< 0.0026	NA[2]
5.05	7.75	6.89	2.32	0.0484	7.04	5.05	0.0783	NA[2]
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	0.288	< 0.0026	NA[2]
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	< 0.239	< 0.0026	NA[2]
< 4.71	< 4.69	< 4.98	< 4.68	< 0.0457	< 4.85	< 4.78	< 0.0536	200
< 4.71	< 4.69	< 4.98	< 4.68	0.0492	< 4.85	< 4.78	0.0646	400
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	< 0.239	< 0.0026	NA[2]
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	< 0.239	< 0.0026	NA[2]
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	< 0.239	< 0.0026	NA[2]
5.05	**7.75**	6.63	2.32	0.0435	6.30	4.59	0.0695	7
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	< 0.239	< 0.0026	70
< 0.471	< 0.469	< 0.498	< 0.468	0.0051	< 0.485	< 0.478	0.0082	NA[2]
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	< 0.239	0.0030	NA[2]
< 1.18	< 1.17	< 1.24	< 1.17	< 0.0114	< 1.21	< 1.20	< 0.0134	NA[2]
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	< 0.239	< 0.0026	14
0.968	**1.57**	**2.91**	**10.1**	0.110	**31.7**	**498**	0.417	0.5
< 1.18	< 1.17	< 1.24	< 1.17	< 0.0045	< 1.21	< 1.20	0.0062	100
0.839	**6.71**	**2.81**	**2.20**	0.0294	**1.07**	**3.71**	0.0536	0.5
< 0.235	< 0.234	< 0.249	< 0.234	< 0.0022	< 0.243	< 0.239	< 0.0026	0.2
< 0.235	< 0.234	< 0.249	< 0.234	0.0051	< 0.243	< 0.239	0.0112	1,000