

**From:** Vandegrift, Jillian C.  
**Sent:** Thu, 30 Jul 2015 20:46:53 +0000  
**To:** Mark Southard  
**Subject:** RE: WRF 4508: Historical Data Collection for River Road WWTP and Cypress Water Treatment Plant  
**Attachments:** Utility Characteristics and Historical Data Template\_WichitaFalls.xlsx

Hi Mark,

Just checking in to see if you were able to obtain the data you mentioned below? Also, on the middle tab of the template attached, do you think you could write in the frequencies of the monitoring? I have filled in the first row, for formatting example purposes (not necessarily accurate). Please let me know if you're able to do this.

Thank you!!

**Jill C. Vandegrift | Environmental Engineer | CDM Smith**

555 17<sup>th</sup> Street, Suite 1100

Denver, CO 80202

Office: 303 383 2336 | [vandegriftjc@cdmsmith.com](mailto:vandegriftjc@cdmsmith.com)

[www.cdmsmith.com](http://www.cdmsmith.com)

**From:** Mark Southard [mailto:[mark.southard@wichitafallstx.gov](mailto:mark.southard@wichitafallstx.gov)]  
**Sent:** Friday, July 24, 2015 10:27 AM  
**To:** Daniel Nix <[daniel.nix@wichitafallstx.gov](mailto:daniel.nix@wichitafallstx.gov)>  
**Cc:** Vandegrift, Jillian C. <[vandegriftjc@cdmsmith.com](mailto:vandegriftjc@cdmsmith.com)>; Amador, Janelle C. <[amadorjc@cdmsmith.com](mailto:amadorjc@cdmsmith.com)>  
**Subject:** Re: WRF 4508: Historical Data Collection for River Road WWTP and Cypress Water Treatment Plant

Jill,

I have attached the data completed to this point for the Water Plant. I still have data to enter for the 45-day and 30-day Full Scale Verification Studies, but we should have all of that in early next week. I still have a few methods to add to the middle tab as well, but that should be wrapped up this afternoon.

Once all the data is in, I will try to add a few more details here and there.

If you have any questions, please let me know.

On Wed, Jul 22, 2015 at 10:39 AM, Daniel Nix <[daniel.nix@wichitafallstx.gov](mailto:daniel.nix@wichitafallstx.gov)> wrote:

Jill,

I have assigned the Water side of the DPR data to Mark Southard at Cypress. I talked to him yesterday and he said he had about half the data input and was still on track to meet the 24th. Thanks for checking up on the project and stay tuned.

On Jul 22, 2015 10:18 AM, "Vandegrift, Jillian C." <[vandegriftjc@cdmsmith.com](mailto:vandegriftjc@cdmsmith.com)> wrote:

Hi Daniel,

Thanks for leveraging the effort for collecting data for the WRF 4508 project. I received a very complete spreadsheet from Harold Burris regarding the River Road WWTP yesterday! I spoke to them a couple times in the past few weeks to answer clarifying questions, but haven't received any questions regarding the Cypress Water Treatment Plant, so I just wanted to check in and see if there is anything I can assist with or answer from that respect. Does July 24<sup>th</sup> for the WTP spreadsheet still sound attainable?

Thanks again for your help and coordination,

**Jill C. Vandegrift | Environmental Engineer | CDM Smith**

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**From:** Daniel Nix [mailto:[daniel.nix@wichitafallstx.gov](mailto:daniel.nix@wichitafallstx.gov)]

**Sent:** Wednesday, July 08, 2015 12:31 PM

**To:** Amador, Janelle C.

**Cc:** Vandegrift, Jillian C.; [russell.schreiber@wichitafallstx.gov](mailto:russell.schreiber@wichitafallstx.gov); Hooper, Jennifer (Smith); Bell, Kati; Crawford, Susan; da Silva, Allegra K.

**Subject:** Re: WRF 4508: Historical Data Collection for River Road WWTP and Cypress Water Treatment Plant

11:00 am (CST) on Thursday works for my schedule. You can call me at [940-691-1153](tel:940-691-1153).

On Wed, Jul 8, 2015 at 1:24 PM, Amador, Janelle C. <[amadorjc@cdmsmith.com](mailto:amadorjc@cdmsmith.com)> wrote:

Hi Daniel,

No worries, I understand that you're really busy and so I just wanted to make sure I touched base with you! Would 11:00 Central time work for you on Thursday or Friday?

Thank you and look forward to working with you,

Janelle Amador

**From:** Daniel Nix [mailto:[daniel.nix@wichitafallstx.gov](mailto:daniel.nix@wichitafallstx.gov)]

**Sent:** Wednesday, July 08, 2015 12:17 PM

**To:** Amador, Janelle C.

**Cc:** Vandegrift, Jillian C.; [russell.schreiber@wichitafallstx.gov](mailto:russell.schreiber@wichitafallstx.gov); Hooper, Jennifer (Smith); Bell, Kati; Crawford, Susan

**Subject:** Re: WRF 4508: Historical Data Collection for River Road WWTP and Cypress Water Treatment Plant

Janelle,

Sorry for the delay in getting back with you. I will be available anytime Thursday or Friday to talk. Let me know what time is good for you and I will get it on my calendar.

On Wed, Jul 8, 2015 at 12:51 PM, Amador, Janelle C. <[amadorjc@cdmsmith.com](mailto:amadorjc@cdmsmith.com)> wrote:

Hello Mr. Nix and Mr. Schreiber,

I was sorry to hear that you will be unable to attend the workshop in August. As you know, we're kicking off the data collection process to get the historical data for discussion in that meeting. Are there a couple of available times this week that you could meet with us to go over that?

Thanks so much and please let me know if you have any questions!  
Janelle Amador

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**From:** Vandegrift, Jillian C.  
**Sent:** Wednesday, July 01, 2015 1:34 PM  
**To:** [daniel.nix@wichitafallstx.gov](mailto:daniel.nix@wichitafallstx.gov); [russell.schreiber@wichitafallstx.gov](mailto:russell.schreiber@wichitafallstx.gov)  
**Cc:** Hooper, Jennifer (Smith); Bell, Kati; Crawford, Susan; Amador, Janelle C.  
**Subject:** RE: WRF 4508: Historical Data Collection for River Road WWTP and Cypress Water Treatment Plant

Hello Mr. Nix and Mr. Schreiber,  
I am emailing in regards to a letter sent on June 23 (below). It would be much appreciated if you could review the email and let us know some available times to discuss your involvement in the WRF 4508 project over a conference call– we would love to set that up for next week to coordinate further!

Thanks very much,

**Jill C. Vandegrift |Environmental Engineer| CDM Smith**  
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**From:** Amador, Janelle C.  
**Sent:** Tuesday, June 23, 2015 11:08 PM  
**To:** [daniel.nix@wichitafallstx.gov](mailto:daniel.nix@wichitafallstx.gov); [russell.schreiber@wichitafallstx.gov](mailto:russell.schreiber@wichitafallstx.gov)  
**Cc:** Hooper, Jennifer (Smith); Bell, Kati; Vandegrift, Jillian C.; Crawford, Susan  
**Subject:** WRF 4508: Historical Data Collection for River Road WWTP and Cypress Water Treatment Plant

Hello Mr. Nix and Mr. Schreiber,

First thank you all for agreeing to participate in the Water Research Foundation Project *Assessment of Techniques to Evaluate and Demonstrate the Safety of Water from Direct Potable Reuse (DPR) Facilities*. We are gearing up to start the first phase of the project, which includes conducting focused case studies with an emphasis on identification of monitoring and control tools applicable to potable reuse. We would appreciate your help in acquiring information needed to critically evaluate their use. We would like to obtain the following information to the extent that it is available for your facility:

- One year's historical data (daily) including:
  - On-line monitoring data and results from sampling and analysis for source water, finished water, and intermediate sampling points (see attached table for example parameters).
  - Operations (such as flow rates, backwash approach and frequency, filter change out schedule, etc.);
  - Maintenance (such as replacement of major equipment, underdrains, etc.); and
- Other feedback on overall design, monitoring, operations, control, and performance.

Jill Vandegrift and Jen Hooper will be assisting me in collecting and analyzing these data. We would like to schedule a phone call with you to go over specific information that is available next week and determine the most efficient way to obtain this information. Please let me know when would be a good time for you, and we will set up a call. We are looking forward to working with you!

Thank you,  
Janelle Amador

**CDM Smith**

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**Daniel K. Nix**  
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940-691-1153 FAX: 940-691-4121

[Daniel.Nix@wichitafallstx.gov](mailto:Daniel.Nix@wichitafallstx.gov)

*Those who have the privilege to know have the duty to act. ~Albert Einstein*

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**Daniel K. Nix**  
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*Mark Southard*  
*City of Wichita Falls*  
*Water Source/Purification Superintendent*  
940-691-1153  
940-691-4121 Fax



# Facility Information

Fill in the blanks as you can. Yellow text boxes such as this one include instructions and hints to help find information we are looking for.

|                    |                                                                                        |
|--------------------|----------------------------------------------------------------------------------------|
| Utility            | City of Wichita Falls                                                                  |
| Facility           | Cypress Water Treatment Plant                                                          |
| City               | Wichita Falls                                                                          |
| State              | Texas                                                                                  |
| Lead Contact Name  | Mark Southard                                                                          |
| Lead Contact Phone | 940-691-1153                                                                           |
| Lead Contact Email | <a href="mailto:mark.southard@wichitafallstx.gov">mark.southard@wichitafallstx.gov</a> |
| Design Flow (MGD)  | 10 MGD                                                                                 |
| Source Water Name  | Treated WW Effluent/Surface Water                                                      |

## Source Water Type

| Approximate Percent of Water From |       |           |      |
|-----------------------------------|-------|-----------|------|
| Groundwater                       | River | Reservoir | Lake |
|                                   |       |           | 50   |

## Treatment Plant Process Description

| Wastewater Treatment Plant |                                |                               |     |
|----------------------------|--------------------------------|-------------------------------|-----|
| Process                    | Type                           | Average Dose/<br>Contact Time | Max |
| Bar Screen                 |                                |                               |     |
| Grit Chamber               |                                |                               |     |
| Primary Treatment          | Clarification                  |                               |     |
|                            | Fine Screen                    |                               |     |
| Coagulation                |                                |                               |     |
| Flocculation               |                                |                               |     |
| Settling                   |                                |                               | -   |
| Secondary Treatment        | Membrane Bioreactor            | -                             |     |
|                            | Activated Sludge               |                               |     |
|                            | Trickling Filters              |                               |     |
|                            | Rotating Biological Contactors |                               |     |
|                            | Other:                         |                               |     |
| Tertiary Treatment         | Depth Filtration               |                               |     |
|                            | Surface Filtration             |                               |     |
| Filtration                 | Dissolved Air Flotation        |                               |     |
|                            | Ultrafiltration                |                               |     |
|                            | Microfiltration                |                               |     |
|                            | Nanofiltration                 |                               |     |
|                            | Reverse Osmosis                |                               |     |
| Other                      | Electrodialysis                |                               |     |
|                            | Advanced Oxidation             |                               |     |
|                            | Carbon Adsorption              |                               |     |
|                            | Exchange                       |                               |     |
| Disinfection               | Chlorination                   |                               |     |
|                            | UV                             |                               |     |
|                            | Ozone                          |                               |     |

## Background Information

Provide a detailed description of any of the following experienced at your Utility.

**Do you currently operate a direct potable reuse (DPR) or indirect potable reuse (IPR) treatment system?**

Direct Potable Reuse

**If you operate an IPR scheme, is it a planned reuse or *de facto* reuse operation?**

**If you operate either DPR or IPR, what planning activities took place prior to, during, and/or after implementation?**

Routing pipeline for transfer of treated WW effluent, cross connection control construction in Water Plant  
Full Scale Verification testing for DPR process, installation of UV System

**List any major events affecting water quality in the past year (i.e. flooding, process upsets, changes in infrastructure)**

**Were there any process design changes or major maintenance in the last year (date of change)?**

Installation of Trojan UV, February, 2015. Install new RO membranes, October

fill in the

|               |           |
|---------------|-----------|
| WWTP Effluent | Sewershed |
| 50            |           |

[illegible]

**scheme?**

**or implementation?**

ant, testing of treated WW effluent,  
em

**?**

per, 2014.

## Analytical Methods

Fill in the sampling method, limit of detection, and how frequently the analyte(s) are measured. Add any other relevant analyses performed at the bottom of the table

| Analyte                                        | Type          | Limit of Detection       | Method    | Condu   |
|------------------------------------------------|---------------|--------------------------|-----------|---------|
|                                                |               |                          |           | On-site |
| Alkalinity                                     | Grab-sampling | 1 ppm                    |           | √       |
|                                                | Online        |                          |           |         |
| Ammonia                                        | Grab-sampling | 0.1 ppm                  |           | √       |
|                                                | Online        |                          |           |         |
| ATP                                            | Grab-sampling |                          |           |         |
|                                                | Online        |                          |           |         |
| Biochemical Oxygen Demand (BOD, 5-day average) | Grab-sampling |                          |           |         |
|                                                | Online        |                          |           |         |
| Chlorate                                       | Grab-sampling | 0.01 ppm                 | EPA 300.0 | √       |
|                                                | Online        |                          |           |         |
| Chloride                                       | Grab-sampling | 0.01 ppm                 | EPA 300.0 | √       |
|                                                | Online        |                          |           |         |
| Chlorine                                       | Grab-sampling |                          |           |         |
|                                                | Online        |                          |           |         |
| Chloramines                                    | Grab-sampling | 0.1 ppm                  |           | √       |
|                                                | Online        | 0.1 ppm                  |           | √       |
| Chlorite                                       | Grab-sampling | 0.01 ppm                 | EPA 300.0 | √       |
|                                                | Online        |                          |           |         |
| Coliform, Total                                | Grab-sampling | 0.02 MPN                 | SM 9223   | √       |
|                                                | Online        |                          |           |         |
| Coliform, Fecal                                | Grab-sampling | 0.02 MPN                 | SM 9223   | √       |
|                                                | Online        |                          |           |         |
| Color                                          | Grab-sampling | 1 CU                     |           | √       |
|                                                | Online        |                          |           |         |
| Conductivity                                   | Grab-sampling | 1 us/cm                  |           | √       |
|                                                | Online        |                          |           |         |
| Coliphage, male-specific or somatic            | Grab-sampling |                          |           |         |
|                                                | Online        |                          |           |         |
| <i>C. perfringens</i>                          | Grab-sampling |                          |           |         |
|                                                | Online        |                          |           |         |
| Cryptosporidium                                | Grab-sampling | Dependent on sample size | EPA 1623  |         |
|                                                | Online        |                          |           |         |
| Disinfection Byproducts                        | Grab-sampling |                          |           |         |
|                                                | Online        |                          |           |         |
| Dissolved Oxygen                               | Grab-sampling |                          |           |         |
|                                                | Online        |                          |           |         |
| <i>E. Coli</i>                                 | Grab-sampling | 0.02 MPN                 | SM 9223   |         |
|                                                | Online        |                          |           |         |
| Enterococci                                    | Grab-sampling |                          |           |         |
|                                                | Online        |                          |           |         |
| Giardia                                        | Grab-sampling | Dependent on sample size | EPA 1623  |         |
|                                                | Online        |                          |           |         |
| HAAs                                           | Grab-sampling |                          |           |         |
|                                                | Online        |                          |           |         |

| Analyte                         | Type          | Limit of Detection | Method    | Condu   |
|---------------------------------|---------------|--------------------|-----------|---------|
|                                 |               |                    |           | On-site |
| Hardness                        | Grab-sampling | 1 ppm              |           | √       |
|                                 | Online        |                    |           |         |
| Heterotrophic Plate Count (HPC) | Grab-sampling |                    |           |         |
|                                 | Online        |                    |           |         |
| Iron/Manganese                  | Grab-sampling | 0.1 ppm            |           | √       |
|                                 | Online        |                    |           |         |
| Metals                          | Grab-sampling |                    |           |         |
|                                 | Online        |                    |           |         |
| Nitrite                         | Grab-sampling | 0.03 ppm           | EPA 300.0 | √       |
|                                 | Online        |                    |           |         |
| Nitrate                         | Grab-sampling | 0.03 ppm           | EPA 300.0 | √       |
|                                 | Online        |                    |           |         |
| Orthophosphorous                | Grab-sampling |                    |           |         |
|                                 | Online        |                    |           |         |
| pH                              | Grab-sampling | 0.01 SU            |           | √       |
|                                 | Online        |                    |           |         |
| Phosphate                       | Grab-sampling |                    |           |         |
|                                 | Online        |                    |           |         |
| Sulfate                         | Grab-sampling | 0.03 ppm           | EPA 300.0 | √       |
|                                 | Online        |                    |           |         |
| Temperature                     | Grab-sampling | 0.1 F              |           | √       |
|                                 | Online        |                    |           |         |
| THM                             | Grab-sampling |                    |           |         |
|                                 | Online        |                    |           |         |

[illegible]

vant

[illegible]

ucted:

Monitoring Frequency: **Water Treatment Plant**[illegible]

ucted:

Monitoring Frequency: **Water Treatment Plant**[illegible]

# Historical Data

Below is a sample of the information we hope to receive and the general format we would like to work with. Please provide data for finished water). It is important to provide Time and Date associated with data, when possible.

|                                |                      | WWTP, after chlorination, prior to pump intake |                 | Flow Control Vault |    |      |            |                 |
|--------------------------------|----------------------|------------------------------------------------|-----------------|--------------------|----|------|------------|-----------------|
| Number of Data Points Averaged |                      | 1                                              | 1               | 3                  | 3  | 3    | 3          | 3               |
| Date                           | Plant Influent (MGD) | Crypto oocysts/l                               | Giardia cysts/l | Mono-Cl            | pH | Temp | Flow (MGD) | Turbidity (NTU) |

1/1/2014

1/2/2014

1/17/2014

13.4 2.2

1/18/2014

12.7 2.2

1/19/2014

15.8 2.2

1/20/2014

15.7 2.2

1/21/2014

14 2.2

1/22/2014

12.5 2.2

1/23/2014

8.4 2.2

1/24/2014

8.6 2.2

1/25/2014

12.9 2.2

1/26/2014

15.4 2.2

1/27/2014

9.7 2.2

1/28/2014

8.9 2.2

1/29/2014

10.9 2.2

1/30/2014

12.3 2.2

1/31/2014

12.4 2.2

2/1/2014

11.2 2.2

2/2/2014

9.3 2.2

2/3/2014

10 2.2

2/4/2014

10.8 2.2

2/5/2014

8.9 2.2

2/6/2014

6.9 2.2

2/7/2014

9.2 2.2

2/8/2014

11.5 2.2

2/9/2014

9 2.2

2/10/2014

8.9 2.2

2/11/2014

8.3 2.2

2/12/2014

11.1 2.2

2/13/2014

13.1 2.2

2/14/2014

12.7 2.2

2/15/2014

16.4 2.2

2/16/2014

18.2 2.2

2/17/2014

18.5 2.2

2/18/2014

16.1 2.2

2/19/2014

18.9 2.2

2/20/2014

18.5 2.2

2/21/2014

15.1 2.2

2/22/2014

2/23/2014  
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6/15/2014  
6/16/2014  
6/17/2014  
6/18/2014  
6/19/2014  
6/20/2014  
6/21/2014  
7/9/2014

1.6      6.8      28.7      3.9      2.2

|           |       |      |     |     |      |     |     |
|-----------|-------|------|-----|-----|------|-----|-----|
| 7/10/2014 |       |      | 2.1 | 6.8 | 28.3 | 5   | 2.6 |
| 7/11/2014 |       |      | 2.5 | 6.8 | 27.9 | 5.3 | 2.9 |
| 7/12/2014 |       |      | 2.2 | 6.8 | 28.4 | 5.3 | 2.2 |
| 7/13/2014 |       |      | 2.5 | 6.7 | 28.6 | 5.5 | 2.6 |
| 7/14/2014 | 0.265 | 8.73 | 2.3 | 6.7 | 26.4 | 5.4 | 2.5 |
| 7/15/2014 |       |      | 2.4 | 6.7 | 27.2 | 5.3 | 2.1 |
| 7/16/2014 |       |      | 2   | 6.7 | 26.4 | 5.4 | 1.7 |
| 7/17/2014 |       |      | 1.8 | 6.6 | 23.9 | 6   | 1.2 |
| 7/18/2014 |       |      | 3.2 | 6.8 | 23.1 | 7   | 4.4 |
| 7/19/2014 |       |      | 2.8 | 6.7 | 25.1 | 7.2 | 2.7 |
| 7/20/2014 |       |      | 2.9 | 6.7 | 26.8 | 7.3 | 2.6 |
| 7/21/2014 |       |      | 2.5 | 6.7 | 28.2 | 7.5 | 1.8 |
| 7/22/2014 |       |      | 2.8 | 6.8 | 28.9 | 7.5 | 1.9 |
| 7/23/2014 |       |      | 2.5 | 6.8 | 29.3 | 6.2 | 2   |
| 7/24/2014 |       |      | 2.6 | 6.7 | 29   | 6.1 | 1.5 |
| 7/25/2014 |       |      | 2.5 | 6.7 | 29.3 | 7   | 1.7 |
| 7/26/2014 |       |      | 2.2 | 6.7 | 29.5 | 7.1 | 1.5 |
| 7/27/2014 |       |      | 2   | 6.7 | 32   | 7.3 | 1.9 |
| 7/28/2014 |       |      | 2.1 | 7   | 26   | 6.6 | 1.4 |
| 7/29/2014 |       |      | 2.1 | 6.6 | 26.2 | 7.2 | 2.4 |
| 7/30/2014 |       |      | 2.2 | 6.7 | 26.2 | 7.1 | 2.1 |
| 7/31/2014 |       |      | 2.6 | 6.7 | 25.8 | 7.2 | 2.1 |
| 8/1/2014  |       |      | 2.9 | 6.6 | 27.3 | 7.2 | 1.9 |
| 8/2/2014  |       |      | 3.3 | 6.6 | 28.7 | 7.3 | 1.8 |
| 8/3/2014  |       |      | 2.3 | 6.5 | 28.3 | 7.2 | 2.1 |
| 8/4/2014  |       |      | 2.9 | 6.6 | 28.1 | 7.2 | 2.1 |
| 8/5/2014  |       |      | 2.7 | 6.6 | 27.6 | 7.2 | 1.9 |
| 8/6/2014  |       |      | 2.5 | 6.6 | 28.9 | 7.2 | 1.7 |
| 8/7/2014  |       |      | 2.4 | 6.7 | 29.5 | 7.2 | 1.5 |
| 8/8/2014  |       |      | 3   | 6.7 | 29.5 | 7.2 | 1.6 |
| 8/9/2014  |       |      | 2.7 | 6.6 | 28.9 | 7.1 | 1.5 |
| 8/10/2014 |       |      | 2.1 | 6.4 | 29   | 7.2 | 1.4 |
| 8/11/2014 |       |      | 2.6 | 6.5 | 28.9 | 7.2 | 1.6 |
| 8/12/2014 |       |      | 2.5 | 6.6 | 29.7 | 7.1 | 1.8 |
| 8/13/2014 |       |      | 2.7 | 6.6 | 28.2 | 7.2 | 1.9 |
| 8/14/2014 |       |      | 2.3 | 6.6 | 27.7 | 7.1 | 1.8 |
| 8/15/2014 |       |      | 1.7 | 6.7 | 29.1 | 7.2 | 1.9 |
| 8/16/2014 |       |      | 2.5 | 6.6 | 27.5 | 7.2 | 2.3 |
| 8/17/2014 |       |      | 1.9 | 6.6 | 29.1 | 7.2 | 2.3 |
| 8/18/2014 |       |      | 2.5 | 6.6 | 29   | 7.1 | 1.9 |
| 8/19/2014 |       |      | 2.3 | 6.7 | 28.1 | 7.1 | 1.9 |
| 8/20/2014 |       |      | 2.3 | 6.7 | 29.9 | 7.2 | 1.9 |
| 8/21/2014 |       |      | 2.7 | 6.7 | 28.7 | 7.2 | 1.7 |
| 8/22/2014 |       |      | 2.5 | 6.7 | 30.8 | 7.2 | 1.7 |
| 8/23/2014 |       |      | 2.1 | 6.5 | 29.7 | 7.2 | 1.8 |
| 8/24/2014 |       |      | 3   | 6.5 | 28.7 | 7.1 | 1.9 |
| 8/25/2014 |       |      | 2   | 6.5 | 29.3 | 7.2 | 2.5 |
| 8/26/2014 |       |      | 2.4 | 6.6 | 29.5 | 7.1 | 1.7 |
| 8/27/2014 | 1.06  | 12.7 | 2.3 | 6.5 | 29.7 | 7.2 | 3.5 |
| 8/28/2014 |       |      | 2.8 | 6.6 | 28   | 7.3 | 3.1 |
| 8/29/2014 |       |      | 2.6 | 6.5 | 27.3 | 7.3 | 2.7 |
| 8/30/2014 |       |      | 3.2 | 6.5 | 27.4 | 7.3 | 1.8 |
| 8/31/2014 |       |      | 2.7 | 6.5 | 28.9 | 7.2 | 2.2 |

|            |         |       |     |     |      |      |     |
|------------|---------|-------|-----|-----|------|------|-----|
| 9/1/2014   |         |       | 2.5 | 6.4 | 29.2 | 7.2  | 2.3 |
| 9/2/2014   | < 2.646 | 15.87 | 2.3 | 6.4 | 29.6 | 7.3  | 2.3 |
| 9/3/2014   |         |       | 2.1 | 6.6 | 29.5 | 7.4  | 1.9 |
| 9/4/2014   |         |       | 2.2 | 6.5 | 29.4 | 7.2  | 1.6 |
| 9/5/2014   |         |       | 2.6 | 6.7 | 28.9 | 7.3  | 1.8 |
| 9/6/2014   |         |       | 1.6 | 6.6 | 25   | 7.3  | 1.6 |
| 9/7/2014   |         |       | 2.6 | 6.5 | 26.5 | 7.2  | 1.9 |
| 9/8/2014   |         |       | 2.7 | 6.5 | 28.1 | 7.2  | 1.9 |
| 9/9/2014   |         |       | 2.2 | 6.6 | 28.8 | 7.3  | 2.2 |
| 9/10/2014  |         |       | 2.1 | 6.5 | 28.1 | 7.3  | 2.2 |
| 9/11/2014  |         |       | 2.7 | 6.6 | 26   | 7.2  | 2.2 |
| 9/12/2014  |         |       | 2.7 | 6.4 | 23.8 | 7.2  | 1.6 |
| 9/13/2014  |         |       | 2.2 | 6.4 | 23   | 7.2  | 2   |
| 9/14/2014  |         |       | 2.4 | 6.4 | 24.2 | 7.2  | 1.5 |
| 9/15/2014  |         |       | 2.7 | 6.4 | 28.1 | 7.3  | 2.6 |
| 9/16/2014  |         |       | 3   | 6.6 | 26.9 | 7.3  | 2.4 |
| 9/17/2014  |         |       | 2.9 | 6.6 | 27.5 | 7.2  | 1.9 |
| 9/18/2014  |         |       | 2.4 | 6.6 | 26.9 | 7.2  | 2   |
| 9/19/2014  |         |       | 2.2 | 6.6 | 26.9 | 7.2  | 1.9 |
| 9/20/2014  |         |       | 2   | 6.7 | 26.9 | 7.3  | 2.3 |
| 9/21/2014  |         |       | 2.5 | 6.5 | 27.7 | 7.2  | 2.3 |
| 9/22/2014  |         |       | 2.3 | 6.5 | 27   | 7.2  | 2.1 |
| 9/23/2014  |         |       | 2.5 | 6.6 | 25.9 | 7.2  | 3   |
| 9/24/2014  |         |       | 2.6 | 6.5 | 25.3 | 7.2  | 2.8 |
| 9/25/2014  |         |       | 2.5 | 6.5 | 25.3 | 21.8 | 3.2 |
| 9/26/2014  |         |       | 2.6 | 6.5 | 25.6 | 7.3  | 3   |
| 9/27/2014  |         |       | 2.2 | 6.5 | 25.4 | 7.2  | 3.4 |
| 9/28/2014  |         |       | 2.5 | 6.5 | 25.2 | 7.2  | 2.5 |
| 9/29/2014  |         |       | 2.7 | 6.4 | 26.4 | 7.2  | 1.9 |
| 9/30/2014  |         |       | 2.1 | 6.5 | 25.8 | 7.2  | 2.4 |
| 10/1/2014  |         |       | 2.3 | 6.4 | 26.7 | 7.2  | 2.3 |
| 10/2/2014  |         |       | 2.1 | 6.5 | 26.2 | 7.2  | 2.1 |
| 10/3/2014  |         |       | 2.3 | 6.8 | 25.2 | 7.1  | 1.7 |
| 10/4/2014  |         |       | 2.1 | 6.6 | 21.6 | 6.9  | 1.3 |
| 10/5/2014  |         |       | 2.3 | 6.6 | 24.1 | 7    | 2.2 |
| 10/6/2014  | 4.35    | 7.61  | 2.4 | 6.6 | 25.2 | 7.3  | 2.5 |
| 10/7/2014  |         |       | 3   | 6.7 | 26.3 | 7.2  | 2.1 |
| 10/8/2014  |         |       | 2.6 | 6.6 | 26.4 | 7.2  | 1.8 |
| 10/9/2014  |         |       | 2.3 | 6.5 | 24.6 | 7.1  | 2   |
| 10/10/2014 |         |       | 2.2 | 6.6 | 25.3 | 7.2  | 2   |
| 10/11/2014 |         |       | 2.1 | 6.4 | 22.1 | 7.1  | 1.9 |
| 10/12/2014 |         |       | 2.1 | 6.4 | 23.2 | 7    | 2.1 |
| 10/13/2014 |         |       | 2.4 | 6.3 | 22.1 | 7    | 2.2 |
| 10/14/2014 |         |       | 2.2 | 6.5 | 22.4 | 7    | 2   |
| 10/15/2014 |         |       | 1.8 | 6.6 | 22.8 | 6.9  | 2.5 |
| 10/16/2014 |         |       | 2.4 | 6.4 | 23.5 | 6.9  | 2.8 |
| 10/17/2014 |         |       | 1.6 | 6.5 | 23.8 | 7    | 2.6 |
| 10/18/2014 |         |       | 1.9 | 6.4 | 23.9 | 7    | 3.9 |
| 10/19/2014 |         |       | 2.2 | 6.6 | 23.1 | 7    | 3   |
| 10/20/2014 |         |       | 2   | 6.6 | 24.2 | 7    | 3.1 |
| 10/21/2014 |         |       | 2.2 | 6.6 | 24.1 | 7.1  | 3.2 |
| 10/22/2014 |         |       | 2.1 | 6.5 | 22.8 | 7    | 2.8 |
| 10/23/2014 |         |       | 2.5 | 6.4 | 25   | 7    | 3.3 |

|            |         |       |     |     |      |     |     |
|------------|---------|-------|-----|-----|------|-----|-----|
| 10/24/2014 |         |       | 1.9 | 6.4 | 23   | 7   | 3.9 |
| 10/25/2014 |         |       | 2.3 | 6.6 | 21.2 | 6.9 | 3.5 |
| 10/26/2014 |         |       | 2.1 | 6.5 | 24.9 | 7   | 3   |
| 10/27/2014 |         |       | 2.1 | 6.5 | 25.2 | 7   | 2.2 |
| 10/28/2014 |         |       | 2.3 | 6.6 | 23.1 | 7   | 2.5 |
| 10/29/2014 |         |       | 2.1 | 6.5 | 22   | 6.8 | 2.2 |
| 10/30/2014 |         |       | 1.9 | 6.5 | 22.9 | 6.9 | 2.1 |
| 10/31/2014 |         |       | 2   | 6.6 | 21.7 | 6.6 | 3.2 |
| 11/1/2014  |         |       | 2.1 | 6.7 | 20.7 | 6.9 | 2.1 |
| 11/2/2014  |         |       | 1.8 | 6.5 | 20.2 | 7   | 1.7 |
| 11/3/2014  | 1.12    | 40.22 | 2.5 | 6.4 | 21.7 | 7   | 3.1 |
| 11/4/2014  |         |       | 2.4 | 6.4 | 20   | 6.9 | 1.9 |
| 11/5/2014  |         |       | 2.6 | 6.6 | 20   | 7   | 1.9 |
| 11/6/2014  |         |       | 2   | 6.5 | 21.1 | 7   | 2.2 |
| 11/7/2014  |         |       | 2.8 | 6.5 | 20.8 | 7   | 2.2 |
| 11/8/2014  |         |       | 3   | 6.6 | 20.1 | 7   | 1.5 |
| 11/9/2014  |         |       | 3.1 | 6.6 | 20.9 | 6.9 | 1.7 |
| 11/10/2014 |         |       | 3.5 | 6.5 | 23.1 | 7   | 1.6 |
| 11/11/2014 |         |       | 3.2 | 6.6 | 17.8 | 6.8 | 2   |
| 11/12/2014 |         |       | 3.1 | 6.5 | 16.4 | 6.9 | 1.6 |
| 11/13/2014 |         |       | 2.8 | 6.6 | 15.5 | 6.7 | 4   |
| 11/14/2014 |         |       | 2.9 | 6.6 | 15.4 | 6.7 | 3.7 |
| 11/15/2014 |         |       | 3.4 | 6.5 | 17.9 | 6.8 | 1.9 |
| 11/16/2014 |         |       | 2.6 | 6.7 | 15.3 | 6.6 | 1.3 |
| 11/17/2014 | 0.265   | 8.201 | 3.5 | 6.6 | 15.5 | 6.8 | 2   |
| 11/18/2014 |         |       | 2.9 | 6.7 | 17.1 | 6.7 | 2.7 |
| 11/19/2014 |         |       | 2.9 | 6.7 | 18.5 | 6.7 | 3.9 |
| 11/20/2014 |         |       | 2.9 | 6.7 | 18.8 | 6.8 | 3.9 |
| 11/21/2014 |         |       | 2.8 | 6.6 | 20   | 6.8 | 1.7 |
| 11/22/2014 |         |       | 2   | 6.7 | 18.5 | 6.9 | 2   |
| 11/23/2014 |         |       | 2.2 | 6.6 | 19.3 | 6.9 | 4.1 |
| 11/24/2014 |         |       | 3.7 | 6.6 | 17.5 | 6.8 | 2.9 |
| 11/25/2014 |         |       | 3.5 | 6.7 | 15.8 | 6.8 | 1.9 |
| 11/26/2014 |         |       | 3.1 | 6.7 | 17.7 | 6.8 | 1.8 |
| 11/27/2014 |         |       | 2.8 | 6.7 | 17.6 | 6.8 | 2.4 |
| 11/28/2014 |         |       | 2.9 | 6.8 | 18.7 | 6.8 | 2   |
| 11/29/2014 |         |       | 3   | 6.7 | 19.9 | 6.8 | 1.7 |
| 11/30/2014 |         |       | 2.9 | 6.9 | 19.4 | 6.9 | 1.4 |
| 12/1/2014  | < 1.250 | 17.5  | 2.7 | 6.6 | 16.1 | 6.7 | 1.9 |
| 12/2/2014  |         |       | 2.7 | 6.4 | 15.1 | 6.8 | 4.6 |
| 12/3/2014  |         |       | 2.6 | 6.6 | 15.4 | 6.8 | 2.7 |
| 12/4/2014  |         |       | 3   | 6.6 | 18.4 | 6.8 | 2.3 |
| 12/5/2014  |         |       | 3.1 | 6.6 | 19.6 | 6.8 | 1.9 |
| 12/6/2014  |         |       | 2.4 | 6.5 | 18.8 | 6.8 | 2.1 |
| 12/7/2014  |         |       | 3.2 | 6.6 | 18.1 | 6.8 | 1.8 |
| 12/8/2014  |         |       | 3.3 | 6.5 | 18.4 | 6.7 | 2.8 |
| 12/9/2014  |         |       | 3.3 | 6.7 | 17.3 | 6.7 | 2.7 |
| 12/10/2014 |         |       | 2.6 | 6.8 | 18.6 | 6.8 | 2.5 |
| 12/11/2014 |         |       | 3.2 | 6.8 | 19.4 | 6.9 | 2.2 |
| 12/12/2014 |         |       | 3   | 6.7 | 19.7 | 6.8 | 2.4 |
| 12/13/2014 |         |       | 2.5 | 6.7 | 19.5 | 6.8 | 2.8 |
| 12/14/2014 |         |       | 2.2 | 6.6 | 20.4 | 6.8 | 2.8 |
| 12/15/2014 |         |       | 3   | 6.8 | 18.4 | 6.8 | 3.8 |

|            |         |        |     |     |      |     |      |
|------------|---------|--------|-----|-----|------|-----|------|
| 12/16/2014 |         |        | 3   | 6.6 | 17.1 | 6.8 | 2.2  |
| 12/17/2014 |         |        | 3.1 | 6.8 | 14.9 | 6.8 | 4.6  |
| 12/18/2014 |         |        | 2.9 | 6.8 | 17.1 | 6.9 | 2.5  |
| 12/19/2014 |         |        | 2.4 | 6.8 | 17.2 | 6.8 | 1.5  |
| 12/20/2014 |         |        | 2.6 | 6.7 | 17.4 | 6.8 | 2.7  |
| 12/21/2014 |         |        | 3   | 6.9 | 17.5 | 6.9 | 2.1  |
| 12/22/2014 |         |        | 2.9 | 6.7 | 17.3 | 6.9 | 3    |
| 12/23/2014 |         |        | 3.3 | 6.6 | 16.3 | 6.8 | 3.1  |
| 12/24/2014 |         |        | 2.4 | 6.8 | 15.5 | 6.8 | 2.7  |
| 12/25/2014 |         |        | 3.1 | 6.7 | 15   | 6.8 | 3.3  |
| 12/26/2014 |         |        | 3   | 6.6 | 17.7 | 6.8 | 2.4  |
| 12/27/2014 |         |        | 3   | 6.6 | 15.8 | 6.8 | 2.5  |
| 12/28/2014 |         |        | 3.3 | 6.6 | 15.4 | 5.5 | 2.3  |
| 12/29/2014 |         |        | 2.3 | 6.5 | 15.3 | 4.8 | 2.9  |
| 12/30/2014 |         |        | 2.6 | 6.6 | 13.7 | 6.8 | 4.7  |
| 12/31/2014 |         |        | 2.8 | 6.7 | 10.6 | 5.4 | 2.8  |
| 1/1/2015   |         |        | 2.5 | 6.5 | 13.3 | 4.8 | 3.2  |
| 1/2/2015   |         |        | 2.7 | 6.6 | 13.7 | 4.8 | 2.7  |
| 1/3/2015   |         |        | 2.9 | 6.6 | 13.3 | 4.8 | 4.9  |
| 1/4/2015   |         |        | 3.1 | 6.6 | 13.2 | 4.7 | 3.2  |
| 1/5/2015   | < 1.309 | 17.016 | 3.4 | 6.6 | 13.9 | 4.8 | 4.1  |
| 1/6/2015   |         |        | 3   | 6.7 | 14   | 4.8 | 2.5  |
| 1/7/2015   |         |        | 3   | 6.6 | 11.7 | 4.8 | 3.4  |
| 1/8/2015   |         |        | 2.8 | 6.7 | 11.6 | 4.8 | 4.7  |
| 1/9/2015   |         |        | 3.2 | 6.8 | 11.8 | 4.8 | 10.6 |
| 1/10/2015  |         |        | 3   | 6.7 | 12.9 | 4.8 | 2.9  |
| 1/11/2015  |         |        | 3   | 6.7 | 13.8 | 4.8 | 2.1  |
| 1/12/2015  |         |        | 3   | 6.7 | 12.8 | 4.8 | 3    |
| 1/13/2015  |         |        | 3   | 6.7 | 12.1 | 4.8 | 2.2  |
| 1/14/2015  |         |        | 3.4 | 6.7 | 12.6 | 4.8 | 2.5  |
| 1/15/2015  |         |        | 2.9 | 6.7 | 13.8 | 4.8 | 1.8  |
| 1/16/2015  |         |        | 1.7 | 6.7 | 13.4 | 4.8 | 2.3  |
| 1/17/2015  |         |        | 3.2 | 6.7 | 15.4 | 4.8 | 2    |
| 1/18/2015  |         |        | 2.8 | 6.7 | 15   | 4.8 | 2.2  |
| 1/19/2015  |         |        | 3.3 | 6.7 | 17.2 | 4.8 | 2    |
| 1/20/2015  |         |        | 3.1 | 6.7 | 17   | 4.9 | 2.1  |
| 1/21/2015  |         |        | 3.3 | 6.8 | 16.4 | 4.8 | 1.6  |
| 1/22/2015  |         |        | 3.3 | 6.9 | 11.4 | 5.6 | 2.6  |
| 1/23/2015  |         |        | 3.6 | 6.8 | 13.9 | 6.9 | 1.7  |
| 1/24/2015  |         |        | 3.8 | 6.8 | 15.1 | 6.3 | 1.7  |
| 1/25/2015  |         |        | 3.2 | 6.8 | 15   | 4.8 | 1.6  |
| 1/26/2015  |         |        | 3.5 | 6.8 | 16.6 | 6.3 | 1.8  |
| 1/27/2015  |         |        | 3.5 | 6.8 | 17.8 | 6.9 | 1.7  |
| 1/28/2015  |         |        | 3.6 | 6.8 | 18.9 | 6.7 | 1.3  |
| 1/29/2015  |         |        | 3.2 | 6.9 | 16.8 | 6.6 | 1.3  |
| 1/30/2015  |         |        | 3.7 | 6.9 | 18   | 6.7 | 1.6  |
| 1/31/2015  |         |        | 2.6 | 6.7 | 14   | 6.6 | 2    |
| 2/1/2015   |         |        | 3.3 | 6.8 | 15.3 | 6.7 | 1.9  |
| 2/2/2015   | 1.333   | 16     | 3.3 | 6.8 | 15.6 | 6.7 | 2.9  |
| 2/3/2015   |         |        | 2.8 | 6.7 | 15.3 | 6.7 | 1.9  |
| 2/4/2015   |         |        | 3.5 | 6.8 | 13.8 | 6.8 | 1.6  |
| 2/5/2015   |         |        | 3.4 | 6.7 | 13.2 | 6.8 | 1.9  |
| 2/6/2015   |         |        | 3.5 | 6.6 | 15.1 | 6.8 | 1.6  |

|           |          |       |     |     |      |     |     |
|-----------|----------|-------|-----|-----|------|-----|-----|
| 2/7/2015  |          |       | 3.4 | 6.7 | 16.3 | 6.9 | 1.5 |
| 2/8/2015  |          |       | 3.1 | 6.6 | 17.7 | 6.8 | 1.7 |
| 2/9/2015  |          |       | 2.9 | 6.6 | 18.3 | 6.8 | 1.6 |
| 2/10/2015 |          |       | 4   | 6.4 | 19   | 6.8 | 2.1 |
| 2/11/2015 |          |       | 2.8 | 6.6 | 17.7 | 6.8 | 1.8 |
| 2/12/2015 |          |       | 2.8 | 6.4 | 15.8 | 6.1 | 2   |
| 2/13/2015 |          |       | 3.1 | 6.6 | 15.7 | 5   | 2.3 |
| 2/14/2015 |          |       | 3   | 6.6 | 18.1 | 6.8 | 1.9 |
| 2/15/2015 |          |       | 2.8 | 6.4 | 16.4 | 6.8 | 2.4 |
| 2/16/2015 |          |       | 3   | 6.5 | 13.2 | 6.8 | 1.8 |
| 2/17/2015 |          |       | 3.4 | 6.4 | 14.8 | 6.7 | 2.9 |
| 2/18/2015 |          |       | 3.2 | 6.5 | 15   | 6.7 | 2.1 |
| 2/19/2015 |          |       | 3.8 | 6.5 | 15.6 | 6.8 | 2.8 |
| 2/20/2015 |          |       | 2.8 | 6.6 | 17.6 | 6.8 | 2.4 |
| 2/21/2015 |          |       | 2.8 | 6.3 | 16.9 | 6.8 | 2.9 |
| 2/22/2015 |          |       | 3.4 | 6.5 | 14.3 | 6.7 | 2.7 |
| 2/23/2015 |          |       | 3   | 6.5 | 10.7 | 6.7 | 2.8 |
| 2/24/2015 |          |       | 2.8 | 6.5 | 10.1 | 6.7 | 2.8 |
| 2/25/2015 |          |       | 2.9 | 6.6 | 15.1 | 6.8 | 2.8 |
| 2/26/2015 |          |       | 2.6 | 6.6 | 13.5 | 6.7 | 2.4 |
| 2/27/2015 |          |       | 3   | 6.5 | 12.5 | 6.7 | 3.2 |
| 2/28/2015 |          |       | 3   | 6.7 | 12.3 | 6.7 | 3.2 |
| 3/1/2015  |          |       | 3.4 | 6.8 | 12.3 | 6.7 | 3.3 |
| 3/2/2015  | < 1.16   | 62.65 | 3   | 6.6 | 11.8 | 6.7 | 3.3 |
| 3/3/2015  |          |       | 3.2 | 6.5 | 14.6 | 3.1 | 3.1 |
| 3/4/2015  |          |       | 3.1 | 6.7 | 11.2 | 6.8 | 3.1 |
| 3/5/2015  |          |       | 3.9 | 6.8 | 11.5 | 6.8 | 2.4 |
| 3/6/2015  |          |       | 3.6 | 6.7 | 13.8 | 6.7 | 2.5 |
| 3/7/2015  |          |       | 3.4 | 6.8 | 15.7 | 6.8 | 3.6 |
| 3/8/2015  |          |       | 3.2 | 6.8 | 16.4 | 6.7 | 3.7 |
| 3/9/2015  |          |       | 3.7 | 6.7 | 14.8 | 6.7 | 3.4 |
| 3/10/2015 |          |       | 3.2 | 6.7 | 16.6 | 6.7 | 5.2 |
| 3/11/2015 |          |       | 3.1 | 6.8 | 16.6 | 6.7 | 3.8 |
| 3/12/2015 |          |       | 3.4 | 6.8 | 18.5 | 6.7 | 4.3 |
| 3/13/2015 |          |       | 3.2 | 6.9 | 18   | 6.7 | 3.5 |
| 3/14/2015 |          |       | 3.2 | 7.1 | 19.3 | 6.8 | 3.8 |
| 3/15/2015 |          |       | 3.5 | 6.8 | 18.2 | 6.7 | 4.7 |
| 3/16/2015 |          |       | 3.5 | 6.8 | 18.2 | 6.7 | 4.9 |
| 3/17/2015 |          |       | 3.5 | 6.7 | 19.6 | 6.8 | 3.5 |
| 3/18/2015 |          |       | 3.7 | 6.9 | 18.3 | 6.8 | 3.5 |
| 3/19/2015 |          |       | 3.6 | 6.8 | 18.7 | 6.9 | 4.6 |
| 3/20/2015 | off line |       |     |     |      |     |     |
| 3/21/2015 |          |       | 3.6 | 6.5 | 16.7 | 7   | 5.8 |
| 3/22/2015 |          |       | 3.5 | 6.8 | 17.5 | 6.3 | 5.6 |
| 3/23/2015 |          |       | 3.3 | 6.7 | 18.8 | 6.8 | 6.3 |
| 3/24/2015 |          |       | 3.7 | 6.8 | 20   | 6.9 | 4.3 |
| 3/25/2015 |          |       | 3.2 | 6.8 | 21   | 6.9 | 5   |
| 3/26/2015 |          |       | 2.7 | 6.9 | 17.8 | 6.8 | 4   |
| 3/27/2015 |          |       | 4   | 6.9 | 18.8 | 6.9 | 3.8 |
| 3/28/2015 |          |       | 3.2 | 6.8 | 20.5 | 6.9 | 3.8 |
| 3/29/2015 |          |       | 3   | 6.8 | 20.4 | 6.8 | 3.5 |
| 3/30/2015 |          |       | 4   | 6.7 | 19.5 | 7   | 2.8 |
| 3/31/2015 |          |       | 3   | 6.7 | 22.2 | 6.9 | 2.6 |

|           |         |        |     |     |      |     |     |
|-----------|---------|--------|-----|-----|------|-----|-----|
| 4/1/2015  |         |        | 2.6 | 6.7 | 22.6 | 6.9 | 2.8 |
| 4/2/2015  |         |        | 2.8 | 6.8 | 22.8 | 6.9 | 2.3 |
| 4/3/2015  |         |        | 2.9 | 6.8 | 20.8 | 6.9 | 2.1 |
| 4/4/2015  |         |        | 2.5 | 6.8 | 22.2 | 7   | 1.9 |
| 4/5/2015  |         |        | 2.8 | 6.8 | 17.6 | 6.9 | 2.4 |
| 4/6/2015  | < 1.323 | 18.519 | 2.9 | 6.7 | 19.2 | 7   | 2.5 |
| 4/7/2015  |         |        | 3.1 | 6.7 | 21.6 | 7.2 | 2.2 |
| 4/8/2015  |         |        | 3.1 | 6.8 | 21.7 | 7   | 2.2 |
| 4/9/2015  |         |        | 2.9 | 6.8 | 22.9 | 7.1 | 1.7 |
| 4/10/2015 |         |        | 3.1 | 6.8 | 19.3 | 7   | 1.7 |
| 4/11/2015 |         |        | 3   | 6.8 | 20.3 | 6.9 | 2   |
| 4/12/2015 |         |        | 3.2 | 6.8 | 21.5 | 7   | 2.1 |
| 4/13/2015 |         |        | 3.1 | 6.7 | 20.2 | 6.9 | 1.7 |
| 4/14/2015 |         |        | 3.1 | 6.7 | 18.7 | 6.8 | 2.6 |
| 4/15/2015 |         |        | 3.2 | 6.9 | 19.2 | 6.9 | 2   |
| 4/16/2015 |         |        | 3   | 6.9 | 20.5 | 6.8 | 1.8 |
| 4/17/2015 |         |        | 2.5 | 6.9 | 20.6 | 4.7 | 1.7 |
| 4/18/2015 |         |        | 2.8 | 6.7 | 21.9 | 6.9 | 2.2 |
| 4/19/2015 |         |        | 2.9 | 6.8 | 19.8 | 6.7 | 2   |
| 4/20/2015 |         |        | 2.9 | 6.8 | 19.7 | 6.9 | 1.8 |
| 4/21/2015 |         |        | 2.9 | 6.8 | 21.2 | 6.8 | 1.9 |
| 4/22/2015 |         |        | 2.5 | 6.9 | 21.6 | 6.9 | 2   |
| 4/23/2015 |         |        | 2.6 | 6.9 | 20.9 | 6.9 | 2.2 |
| 4/24/2015 |         |        | 2.8 | 6.9 | 21.2 | 6.9 | 1.8 |
| 4/25/2015 |         |        | 2.9 | 6.9 | 22.8 | 6.9 | 2.1 |
| 4/26/2015 |         |        | 3.5 | 6.8 | 22.1 | 6.9 | 2.3 |
| 4/27/2015 |         |        | 2.4 | 6.8 | 19   | 6.8 | 3.8 |
| 4/28/2015 |         |        | 2.5 | 7   | 19.1 | 6.9 | 6.3 |
| 4/29/2015 |         |        | 2.3 | 7   | 18.9 | 6.9 | 3.6 |
| 4/30/2015 |         |        | 2.8 | 7   | 23.7 | 6.8 | 2.7 |
| 5/1/2015  |         |        | 2.7 | 6.9 | 21.8 | 6.8 | 2   |
| 5/2/2015  |         |        | 2.7 | 7   | 23.8 | 6.8 | 1.9 |
| 5/3/2015  |         |        | 2.6 | 7   | 23.2 | 6.8 | 1.7 |
| 5/4/2015  | < 1.333 | 8      | 2.7 | 6.9 | 23   | 6.9 | 2.4 |
| 5/5/2015  |         |        | 2.4 | 6.8 | 20.9 | 6.8 | 1.8 |
| 5/6/2015  |         |        | 2.5 | 6.8 | 22.9 | 6.9 | 3.6 |
| 5/7/2015  |         |        | 3.6 | 7   | 21.4 | 6.9 | 3.3 |
| 5/8/2015  |         |        | 3.5 | 6.9 | 21.6 | 7   | 2.5 |
| 5/9/2015  |         |        | 2.8 | 7.1 | 21.5 | 6.9 | 3.8 |
| 5/10/2015 |         |        | 3.2 | 7   | 22.5 | 6.9 | 3.8 |
| 5/11/2015 |         |        | 3.6 | 7.2 | 20.4 | 7   | 3.3 |
| 5/12/2015 |         |        | 3.7 | 7.1 | 21.6 | 7   | 3.1 |
| 5/13/2015 |         |        | 3.5 | 7.3 | 20.4 | 7   | 2.1 |
| 5/14/2015 |         |        | 3   | 7   | 22.2 | 6.9 | 3.5 |
| 5/15/2015 |         |        | 3.3 | 7.1 | 22.9 | 7.1 | 2   |
| 5/16/2015 |         |        | 3.5 | 7.1 | 22.6 | 7.2 | 2.2 |
| 5/17/2015 |         |        | 2.2 | 7.2 | 23.3 | 6.6 | 2.8 |
| 5/18/2015 |         |        | 3.3 | 7.1 | 22.5 | 6.6 | 2.3 |
| 5/19/2015 |         |        | 3   | 7.2 | 22.7 | 7.1 | 2   |
| 5/20/2015 |         |        | 3.1 | 7   | 21.9 | 7.1 | 2.8 |
| 5/21/2015 |         |        | 2.1 | 7.1 | 20.8 | 6.9 | 3.6 |
| 5/22/2015 |         |        | 2.7 | 7.2 | 20.4 | 6.9 | 2.5 |
| 5/23/2015 |         |        | 2.5 | 7.1 | 20   | 7.1 | 5.3 |

|           |         |        |                      |     |      |     |      |
|-----------|---------|--------|----------------------|-----|------|-----|------|
| 5/24/2015 |         |        | 2.7                  | 7.1 | 20.5 | 7.2 | 8.1  |
| 5/25/2015 |         |        | <div>DPR Plant</div> |     |      |     |      |
| 5/26/2015 |         |        |                      |     |      |     |      |
| 5/27/2015 |         |        |                      |     |      |     |      |
| 5/28/2015 |         |        |                      |     |      |     |      |
| 5/29/2015 |         |        |                      |     |      |     |      |
| 5/30/2015 |         |        |                      |     |      |     |      |
| 5/31/2015 |         |        |                      |     |      |     |      |
| 6/1/2015  |         |        | 2                    | 8   | 24.6 | 7   | 1.72 |
| 6/2/2015  |         |        | 3.5                  | 7.1 | 24.2 | 7   | 3.8  |
| 6/3/2015  |         |        | 3.6                  | 7.2 | 23.6 | 7   | 1.9  |
| 6/4/2015  |         |        | 2.8                  | 7.2 | 24.4 | 7   | 1.7  |
| 6/5/2015  |         |        | 3.3                  | 7.2 | 26.2 | 6.8 | 2    |
| 6/6/2015  |         |        | 3.3                  | 7.1 | 24.5 | 7   | 2.2  |
| 6/7/2015  |         |        | 3.3                  | 7.1 | 25.2 | 7   | 1.2  |
| 6/8/2015  | < 1.333 | 14.667 | 3.2                  | 7.4 | 26.2 | 7   | 1.4  |
| 6/9/2015  |         |        | 2.4                  | 7.1 | 26.7 | 7   | 1.3  |
| 6/10/2015 |         |        | 3.1                  | 7   | 26.9 | 7   | 1.1  |
| 6/11/2015 |         |        | 3.3                  | 7.1 | 26.6 | 7   | 1.1  |
| 6/12/2015 |         |        | 3.1                  | 7   | 25.2 | 7   | 1.5  |
| 6/13/2015 |         |        | 3.2                  | 7   | 23.8 | 7   | 3.4  |
| 6/14/2015 |         |        | 2.8                  | 7   | 24   | 7   | 2.6  |
| 6/15/2015 |         |        | 3.2                  | 7.2 | 23.9 | 7   | 1.5  |
| 6/16/2015 |         |        | 3                    | 7.1 | 24.8 | 7   | 2.6  |
| 6/17/2015 |         |        | 2.8                  | 7.2 | 24   | 7   | 2    |
| 6/18/2015 |         |        | 2.6                  | 7.2 | 25   | 7   | 2.1  |
| 6/19/2015 |         |        | 3                    | 7.2 | 25.2 | 7   | 2.5  |
| 6/20/2015 |         |        | 3                    | 7.3 | 26.2 | 6.9 | 2    |
| 6/21/2015 |         |        | 2.9                  | 7.2 | 26.1 | 7   | 1.9  |
| 6/22/2015 |         |        | 3.4                  | 7.2 | 25.2 | 7   | 1.7  |
| 6/23/2015 |         |        | 3.1                  | 7.1 | 26   | 7.1 | 1.4  |
| 6/24/2015 |         |        | 2.9                  | 7.2 | 27.1 | 7   | 1.3  |
| 6/25/2015 |         |        | 3.2                  | 7.2 | 27.7 | 7   | 1.5  |
| 6/26/2015 |         |        | 3                    | 7.2 | 26.3 | 7   | 1.6  |
| 6/27/2015 |         |        | 2.9                  | 7.1 | 26.7 | 5.5 | 1.6  |
| 6/28/2015 |         |        | 2.5                  | 7.2 | 26.6 | 4.4 | 1.7  |
| 6/29/2015 |         |        | 2.5                  | 7.1 | 26.9 | 5.1 | 1.5  |
| 6/30/2015 |         |        | 2                    | 7   | 28.6 | 5.1 | 2.8  |
| 7/1/2015  |         |        | 2.5                  | 7.1 | 28.5 | 5.1 | 1.5  |
| 7/2/2015  |         |        | 2.6                  | 7   | 28.6 | 5.1 | 1.3  |
| 7/3/2015  |         |        | 2.8                  | 7   | 27.5 | 5.1 | 1.1  |
| 7/4/2015  |         |        | 2.4                  | 6.9 | 28.1 | 5.1 | 2    |
| 7/5/2015  |         |        | 2.8                  | 7   | 27.6 | 5.2 | 1.7  |
| 7/6/2015  | < 1.333 | 2.667  | 2.6                  | 7   | 27.6 | 5.1 | 1.3  |
| 7/7/2015  |         |        | 2.1                  | 7.1 | 26.5 | 5.1 | 2.1  |
| 7/8/2015  |         |        | 2.3                  | 7   | 25.5 | 5.1 | 1.2  |
| 7/9/2015  |         |        | 2.5                  | 7.2 | 26.3 | 5.1 | 1.2  |
| 7/10/2015 |         |        | 2.7                  | 7.6 | 25.4 | 5.1 | 1.7  |
| 7/11/2015 |         |        | 2.2                  | 7.1 | 26.4 | 5.1 | 1.3  |
| 7/12/2015 |         |        | 2.2                  | 7.2 | 26.2 | 5.1 | 2.1  |
| 7/13/2015 |         |        | 2.4                  | 7.1 | 27.6 | 5.1 | 1.4  |
| 7/14/2015 |         |        | 2                    | 7.1 | 26.5 | 5.1 | 1    |
| 7/15/2015 |         |        | 2.3                  | 7   | 28.3 | 5.1 | 1    |

|           |     |     |      |     |     |
|-----------|-----|-----|------|-----|-----|
| 7/16/2015 | 2.3 | 7.1 | 28.8 | 5.1 | 1.2 |
| 7/17/2015 | 2   | 7.1 | 27.8 | 5.1 | 1.4 |
| 7/18/2015 | 2.2 | 7   | 28.9 | 5.2 | 1.2 |
| 7/19/2015 | 2.5 | 6.9 | 28.4 | 5.2 | 1.3 |
| 7/20/2015 | 2.3 | 7.3 | 27.1 | 5.1 | 1.1 |
| 7/21/2015 | 1.7 | 6.9 | 32.1 | 5.3 | 1   |

se include data for the parameters from the provided checklist (including data for raw/source water, data at indiv

| In  |                        |                       |    |      |                                       |               |               |               |               |
|-----|------------------------|-----------------------|----|------|---------------------------------------|---------------|---------------|---------------|---------------|
|     | RO<br>Settled<br>Water | MF Clarifier Effluent |    |      | MF Cell Filtrate (Laser Turbidimeter) |               |               |               |               |
| 3   | 3                      | 3                     | 3  | 3    | 288                                   | 288           | 288           | 288           | 288           |
| Alk | Turbidity<br>(NTU)     | Mono-Cl               | pH | Temp | Cell 1<br>NTU                         | Cell 2<br>NTU | Cell 3<br>NTU | Cell 4<br>NTU | Cell 5<br>NTU |

|     |     |      |     |      |
|-----|-----|------|-----|------|
| 149 | 2.2 | 0.6  | 7   | 14.4 |
| 123 | 1.2 | 0.72 | 7   | 15.6 |
| 114 | 1.5 | 0.34 | 6.9 | 15.3 |
| 132 | 1.2 | 0.38 | 7   | 15.3 |
| 115 | 1   | 0.45 | 7   | 14.9 |
| 141 | 1   | 0.69 | 7   | 13.6 |
| 157 | 1.1 | 0.63 | 7.1 | 11.9 |
| 165 | 1.2 | 0.65 | 7   | 11.7 |
| 145 | 1.6 | 0.76 | 7.1 | 12.4 |
| 137 | 1.5 | 0.74 | 7.1 | 15.2 |
| 122 | 1.6 | 0.56 | 7   | 12.4 |
| 119 | 2.1 | 0.53 | 7   | 11.5 |
| 124 | 1.4 | 0.71 | 7   | 11.6 |
| 117 | 1.7 | 0.8  | 6.9 | 13.4 |
| 124 | 2   | 0.85 | 7   | 13.6 |
| 107 | 1.5 | 0.7  | 7   | 13.1 |
| 110 | 1.8 | 0.73 | 7   | 12.7 |
| 89  | 1.5 | 0.86 | 6.8 | 10.9 |
| 96  | 1.5 | 0.91 | 6.9 | 12.2 |
| 117 | 1.4 | 0.78 | 7   | 10.4 |
| 115 | 1.4 | 0.79 | 7   | 9.7  |
| 124 | 2.3 | 0.89 | 6.9 | 10.1 |
| 125 | 1.9 | 0.97 | 7   | 11.1 |
| 123 | 1.7 | 0.85 | 7   | 12   |
| 111 | 1.4 | 0.75 | 7   | 10.6 |
| 125 | 1.4 | 0.8  | 6.9 | 9.5  |
| 139 | 1.5 | 0.79 | 6.9 | 11.3 |
| 135 | 1.8 | 0.72 | 7   | 13   |
| 136 | 1.8 | 0.65 | 7   | 14.1 |
| 129 | 1.7 | 0.67 | 7   | 15.8 |
| 130 | 1.9 | 0.51 | 7   | 16.2 |
| 128 | 2.5 | 0.45 | 6.9 | 17.3 |
| 118 | 1.8 | 0.21 | 6.9 | 17.3 |
| 117 | 1.4 | 0.34 | 6.9 | 17.7 |
| 122 | 1.7 | 0.28 | 7   | 17.8 |
| 122 | 1.7 | 0.2  | 7   | 17.5 |

|    |   |     |     |      |       |       |       |       |       |
|----|---|-----|-----|------|-------|-------|-------|-------|-------|
| 93 | 1 | 1.8 | 6.7 | 28.3 | 0.028 | 0.017 | 0.024 | 0.028 | 0.020 |
|----|---|-----|-----|------|-------|-------|-------|-------|-------|

|    |     |     |     |      |       |       |       |       |       |
|----|-----|-----|-----|------|-------|-------|-------|-------|-------|
| 88 | 2.9 | 1.5 | 6.7 | 27.2 | 0.039 | 0.017 | 0.023 | 0.028 | 0.019 |
| 99 | 1.7 | 1.5 | 6.9 | 27.3 | 0.028 | 0.018 | 0.021 | 0.028 | 0.019 |
| 92 | 1.2 | 1.3 | 6.8 | 27.7 | 0.028 | 0.017 | 0.022 | 0.027 | 0.019 |
| 77 | 1.2 | 1.3 | 6.8 | 28.7 | 0.028 | 0.016 | 0.022 | 0.028 | 0.020 |
| 68 | 1.4 | 1.2 | 6.6 | 28.6 | 0.028 | 0.015 | 0.021 | 0.027 | 0.019 |
| 70 | 1.7 | 1.4 | 6.7 | 25.3 | 0.029 | 0.016 | 0.022 | 0.027 | 0.019 |
| 73 | 1.3 | 1.3 | 6.7 | 25.5 | 0.030 | 0.017 | 0.021 | 0.027 | 0.020 |
| 68 | 1.1 | 1.4 | 6.5 | 24.9 | 0.029 | 0.017 | 0.022 | 0.027 | 0.019 |
| 69 | 2.6 | 2.1 | 6.7 | 23.7 | 0.029 | 0.015 | 0.023 | 0.027 | 0.019 |
| 73 | 2.8 | 2.1 | 6.6 | 24.4 | 0.029 | 0.015 | 0.021 | 0.027 | 0.019 |
| 73 | 3.8 | 1.9 | 6.5 | 26.2 | 0.029 | 0.015 | 0.022 | 0.027 | 0.019 |
| 77 | 1.1 | 1.6 | 6.6 | 27.1 | 0.028 | 0.015 | 0.021 | 0.027 | 0.019 |
| 86 | 1.1 | 1.9 | 6.6 | 28.7 | 0.028 | 0.015 | 0.020 | 0.026 | 0.018 |
| 81 | 1.3 | 2.1 | 6.6 | 28.5 | 0.028 | 0.015 | 0.020 | 0.026 | 0.018 |
| 68 | 1.2 | 3   | 6.5 | 29   | 0.028 | 0.015 | 0.020 | 0.026 | 0.018 |
| 72 | 1.2 | 1.9 | 6.5 | 28.7 | 0.028 | 0.015 | 0.019 | 0.026 | 0.018 |
| 75 | 1.1 | 1.4 | 6.6 | 29.1 | 0.027 | 0.015 | 0.020 | 0.026 | 0.018 |
| 78 | 1.1 | 1.5 | 6.6 | 28   | 0.028 | 0.015 | 0.020 | 0.026 | 0.018 |
| 68 | 1.2 | 1.2 | 6.6 | 27   | 0.027 | 0.015 | 0.021 | 0.026 | 0.018 |
| 63 | 1.5 | 2.4 | 6.5 | 25.6 | 0.027 | 0.016 | 0.023 | 0.026 | 0.019 |
| 67 | 1.5 | 2.3 | 6.5 | 25.6 | 0.027 | 0.015 | 0.022 | 0.026 | 0.019 |
| 66 | 1.6 | 2.3 | 6.5 | 25.8 | 0.027 | 0.015 | 0.020 | 0.027 | 0.019 |
| 63 | 1.3 | 2.5 | 6.5 | 26.5 | 0.027 | 0.014 | 0.021 | 0.026 | 0.019 |
| 67 | 1.3 | 2.3 | 6.5 | 27.9 | 0.027 | 0.015 | 0.021 | 0.026 | 0.019 |
| 52 | 1   | 2.6 | 6.4 | 27.4 | 0.027 | 0.016 | 0.021 | 0.026 | 0.019 |
| 56 | 1.2 | 2.8 | 6.4 | 27.3 | 0.027 | 0.016 | 0.021 | 0.026 | 0.019 |
| 54 | 1.2 | 1.9 | 6.5 | 27.3 | 0.027 | 0.015 | 0.020 | 0.025 | 0.018 |
| 58 | 1.3 | 1.9 | 6.4 | 28.2 | 0.027 | 0.015 | 0.020 | 0.025 | 0.017 |
| 75 | 1.3 | 1.6 | 6.5 | 29.1 | 0.027 | 0.015 | 0.017 | 0.025 | 0.017 |
| 59 | 1.3 | 1.8 | 6.5 | 29.2 | 0.027 | 0.015 | 0.014 | 0.025 | 0.017 |
| 63 | 1.1 | 1.6 | 6.5 | 28.3 | 0.027 | 0.014 | 0.022 | 0.025 | 0.017 |
| 51 | 1   | 1.6 | 6.5 | 28.4 | 0.027 | 0.015 | 0.022 | 0.026 | 0.018 |
| 43 | 0.9 | 2   | 6.4 | 28.7 | 0.027 | 0.014 | 0.022 | 0.025 | 0.017 |
| 54 | 1.2 | 2   | 6.3 | 28.7 | 0.026 | 0.014 | 0.023 | 0.025 | 0.017 |
| 48 | 1.2 | 1.9 | 6.4 | 27.7 | 0.027 | 0.014 | 0.023 | 0.025 | 0.017 |
| 57 | 0.9 | 1.1 | 6.3 | 27.8 | 0.024 | 0.014 | 0.023 | 0.024 | 0.014 |
| 61 | 1   | 1.5 | 6.5 | 27.8 | 0.030 | 0.014 | 0.022 | 0.025 | 0.015 |
| 55 | 1   | 1.6 | 6.4 | 27.3 | 0.024 | 0.015 | 0.023 | 0.025 | 0.016 |
| 47 | 1   | 1.9 | 6.4 | 28.6 | 0.024 | 0.014 | 0.023 | 0.025 | 0.015 |
| 49 | 1.1 | 1.9 | 6.3 | 28.4 | 0.024 | 0.014 | 0.023 | 0.026 | 0.015 |
| 51 | 1.2 | 2   | 6.4 | 27.8 | 0.024 | 0.014 | 0.023 | 0.025 | 0.015 |
| 65 | 1.4 | 1.6 | 6.5 | 28.5 | 0.025 | 0.015 | 0.024 | 0.026 | 0.015 |
| 62 | 1.2 | 1.8 | 6.5 | 28.1 | 0.024 | 0.014 | 0.024 | 0.025 | 0.014 |
| 64 | 1.2 | 1.6 | 6.5 | 30   | 0.024 | 0.014 | 0.024 | 0.025 | 0.014 |
| 51 | 1.1 | 1.6 | 6.5 | 29.1 | 0.024 | 0.014 | 0.024 | 0.025 | 0.014 |
| 51 | 0.9 | 1.7 | 6.4 | 28.5 | 0.024 | 0.014 | 0.024 | 0.025 | 0.014 |
| 40 | 0.8 | 1.8 | 6.3 | 28.5 | 0.026 | 0.014 | 0.024 | 0.025 | 0.013 |
| 46 | 1.3 | 2   | 6.3 | 29.6 | 0.022 | 0.014 | 0.025 | 0.025 | 0.014 |
| 41 | 1.7 | 1.6 | 6.3 | 30.3 | 0.022 | 0.014 | 0.022 | 0.022 | 0.013 |
| 45 | 1.2 | 1.8 | 6.3 | 27.9 | 0.022 | 0.014 | 0.022 | 0.021 | 0.013 |
| 41 | 0.9 | 1.6 | 6.2 | 27.4 | 0.022 | 0.014 | 0.022 | 0.021 | 0.013 |
| 47 | 0.8 | 1.5 | 6.3 | 28.3 | 0.021 | 0.014 | 0.023 | 0.021 | 0.013 |
| 41 | 1   | 1.7 | 6.3 | 28.7 | 0.022 | 0.014 | 0.023 | 0.021 | 0.013 |

|    |      |     |     |      |       |       |       |       |       |
|----|------|-----|-----|------|-------|-------|-------|-------|-------|
| 40 | 1.1  | 1.5 | 6.2 | 28.8 | 0.021 | 0.014 | 0.022 | 0.022 | 0.013 |
| 37 | 1.1  | 2   | 6.1 | 29.7 | 0.022 | 0.014 | 0.022 | 0.022 | 0.013 |
| 46 | 1.1  | 1.4 | 6.3 | 29   | 0.022 | 0.013 | 0.022 | 0.022 | 0.012 |
| 49 | 1.1  | 1.3 | 6.3 | 28.6 | 0.022 | 0.014 | 0.022 | 0.023 | 0.012 |
| 55 | 0.92 | 1.4 | 6.4 | 29.4 | 0.023 | 0.014 | 0.022 | 0.023 | 0.011 |
| 51 | 1    | 1.6 | 6.7 | 26.2 | 0.022 | 0.014 | 0.022 | 0.023 | 0.012 |
| 48 | 0.97 | 1.6 | 6.4 | 26.2 | 0.023 | 0.015 | 0.022 | 0.023 | 0.012 |
| 53 | 0.92 | 1.9 | 6.3 | 28   | 0.022 | 0.014 | 0.022 | 0.023 | 0.012 |
| 49 | 1.1  | 1.9 | 6.3 | 28   | 0.023 | 0.014 | 0.022 | 0.024 | 0.011 |
| 50 | 1.3  | 1.1 | 6.4 | 27.8 | 0.023 | 0.013 | 0.023 | 0.023 | 0.012 |
| 50 | 1    | 1.8 | 6.5 | 26.4 | 0.023 | 0.014 | 0.022 | 0.024 | 0.012 |
| 32 | 1.2  | 1.5 | 6.2 | 24   | 0.023 | 0.013 | 0.022 | 0.024 | 0.013 |
| 39 | 1.2  | 1.8 | 6.2 | 23.4 | 0.023 | 0.020 | 0.022 | 0.024 | 0.013 |
| 39 | 1.1  | 1.5 | 6.2 | 24.4 | 0.023 | 0.015 | 0.024 | 0.022 | 0.012 |
| 38 | 1.3  | 2.5 | 6.1 | 26.2 | 0.023 | 0.020 | 0.023 | 0.023 | 0.012 |
| 45 | 1.2  | 2.3 | 6.3 | 26.3 | 0.022 | 0.014 | 0.024 | 0.023 | 0.012 |
| 56 | 1.1  | 1.5 | 6.4 | 27.1 | 0.022 | 0.014 | 0.023 | 0.023 | 0.012 |
| 59 | 1.2  | 1.7 | 6.4 | 26.9 | 0.022 | 0.015 | 0.028 | 0.023 | 0.012 |
| 49 | 1    | 1.4 | 6.4 | 26.1 | 0.023 | 0.014 | 0.024 | 0.023 | 0.012 |
| 61 | 1.2  | 1.6 | 6.5 | 26.9 | 0.023 | 0.014 | 0.024 | 0.023 | 0.012 |
| 44 | 0.97 | 1.2 | 6.4 | 27.5 | 0.023 | 0.014 | 0.024 | 0.022 | 0.012 |
| 46 | 1    | 1.7 | 6.3 | 26.9 | 0.023 | 0.014 | 0.024 | 0.023 | 0.013 |
| 50 | 1.6  | 1.6 | 6.4 | 25.5 | 0.022 | 0.014 | 0.024 | 0.023 | 0.012 |
| 44 | 1.2  | 1.6 | 6.3 | 24.9 | 0.022 | 0.014 | 0.023 | 0.023 | 0.012 |
| 50 | 1.3  | 1.4 | 6.4 | 25.4 | 0.022 | 0.014 | 0.024 | 0.023 | 0.012 |
| 47 | 1.1  | 2.4 | 6.3 | 25.5 | 0.023 | 0.014 | 0.024 | 0.022 | 0.012 |
| 50 | 1.3  | 1.7 | 6.2 | 25   | 0.023 | 0.014 | 0.024 | 0.021 | 0.012 |
| 41 | 1.3  | 1.5 | 6.3 | 25.3 | 0.023 | 0.014 | 0.024 | 0.020 | 0.012 |
| 38 | 3.1  | 1.8 | 6.2 | 26   | 0.023 | 0.014 | 0.025 | 0.021 | 0.012 |
| 43 | 1.1  | 2.1 | 6.2 | 25.2 | 0.023 | 0.014 | 0.024 | 0.020 | 0.009 |
| 52 | 1.5  | 2   | 6.3 | 26.3 | 0.023 | 0.014 | 0.024 | 0.020 | 0.008 |
| 52 | 1.2  | 1.5 | 6.4 | 26.1 | 0.023 | 0.015 | 0.024 | 0.020 | 0.013 |
| 25 | 0.97 | 1.8 | 6.4 | 24.5 | 0.023 | 0.014 | 0.024 | 0.019 | 0.013 |
| 54 | 1    | 1.7 | 6.5 | 24.1 | 0.023 | 0.015 | 0.024 | 0.020 | 0.013 |
| 65 | 0.99 | 1.6 | 6.4 | 23.3 | 0.023 | 0.014 | 0.024 | 0.020 | 0.013 |
| 55 | 1.2  | 1.6 | 6.5 | 24.7 | 0.023 | 0.015 | 0.024 | 0.020 | 0.013 |
| 40 | 1.2  | 1.6 | 6.5 | 26.1 | 0.025 | 0.014 | 0.025 | 0.024 | 0.013 |
| 59 | 1.7  | 1.8 | 6.5 | 25.9 | 0.026 | 0.014 | 0.026 | 0.026 | 0.012 |
| 50 | 1    | 1.4 | 6.6 | 25.7 | 0.026 | 0.014 | 0.026 | 0.026 | 0.012 |
| 56 | 1.1  | 1.1 | 6.4 | 24.6 | 0.026 | 0.015 | 0.026 | 0.027 | 0.013 |
| 30 | 1.2  | 1.2 | 6.4 | 22.2 | 0.026 | 0.014 | 0.026 | 0.026 | 0.013 |
| 36 | 1.1  | 1.2 | 6.2 | 22.9 | 0.026 | 0.014 | 0.026 | 0.026 | 0.013 |
| 30 | 1.3  | 1.7 | 6.1 | 21.5 | 0.026 | 0.014 | 0.026 | 0.026 | 0.012 |
| 50 | 1.3  | 1.3 | 6.2 | 22.3 | 0.026 | 0.015 | 0.025 | 0.024 | 0.013 |
| 51 | 1.3  | 1.6 | 6.4 | 22.4 | 0.026 | 0.014 | 0.026 | 0.025 | 0.013 |
| 37 | 1.3  | 2.2 | 6.3 | 23.1 | 0.026 | 0.014 | 0.027 | 0.025 | 0.013 |
| 47 | 1.7  | 1.2 | 6.3 | 23.5 | 0.026 | 0.014 | 0.026 | 0.025 | 0.013 |
| 49 | 2    | 1.1 | 6.3 | 23.3 | 0.026 | 0.014 | 0.026 | 0.025 | 0.013 |
| 59 | 1.9  | 1.3 | 6.4 | 22.8 | 0.026 | 0.014 | 0.026 | 0.025 | 0.013 |
| 55 | 1.7  | 1.5 | 6.4 | 23.3 | 0.026 | 0.014 | 0.026 | 0.024 | 0.013 |
| 57 | 1.4  | 1.9 | 6.4 | 24.7 | 0.027 | 0.015 | 0.025 | 0.022 | 0.013 |
| 56 | 1.5  | 1.2 | 6.3 | 23.4 | 0.026 | 0.015 | 0.024 | 0.022 | 0.013 |
| 48 | 1.6  | 1.7 | 6.3 | 24.2 | 0.026 | 0.014 | 0.024 | 0.022 | 0.013 |

|    |     |     |     |      |       |         |       |       |       |
|----|-----|-----|-----|------|-------|---------|-------|-------|-------|
| 33 | 1.3 | 1.5 | 6.2 | 23.6 | 0.026 | 0.014   | 0.025 | 0.022 | 0.013 |
| 47 | 1.3 | 1.5 | 6   | 23.8 | 0.026 | 0.035   | 0.025 | 0.023 | 0.013 |
| 50 | 1.5 | 1.6 | 6.2 | 24.1 | 0.026 | #DIV/0! | 0.024 | 0.023 | 0.013 |
| 45 | 1.5 | 1.9 | 6.3 | 23.5 | 0.026 | 0.015   | 0.025 | 0.022 | 0.013 |
| 55 | 1.6 | 1.3 | 6.3 | 22.8 | 0.025 | 0.015   | 0.024 | 0.023 | 0.012 |
| 50 | 1.8 | 1.3 | 6.4 | 22.6 | 0.024 | 0.015   | 0.025 | 0.024 | 0.013 |
| 49 | 1.4 | 2   | 6.3 | 21.9 | 0.024 | 0.014   | 0.024 | 0.024 | 0.012 |
| 52 | 1.5 | 1.8 | 6.4 | 21.1 | 0.025 | 0.015   | 0.025 | 0.024 | 0.013 |
| 57 | 1.4 | 1.5 | 6.4 | 19.9 | 0.025 | 0.015   | 0.025 | 0.024 | 0.013 |
| 49 | 1.3 | 1.1 | 6.4 | 20.2 | 0.025 | 0.015   | 0.024 | 0.024 | 0.013 |
| 34 | 1.6 | 1.4 | 6.2 | 21   | 0.025 | 0.015   | 0.024 | 0.023 | 0.013 |
| 42 | 1.6 | 1.3 | 6.2 | 20.2 | 0.025 | 0.014   | 0.024 | 0.021 | 0.013 |
| 46 | 1.7 | 1.9 | 6.3 | 19.9 | 0.026 | 0.014   | 0.023 | 0.021 | 0.013 |
| 55 | 1.6 | 1.9 | 6.3 | 20   | 0.025 | 0.015   | 0.024 | 0.021 | 0.013 |
| 49 | 1.5 | 2   | 6.4 | 19.6 | 0.026 | 0.016   | 0.024 | 0.021 | 0.013 |
| 58 | 1.5 | 2.7 | 6.4 | 19.5 | 0.026 | 0.015   | 0.024 | 0.021 | 0.013 |
| 46 | 1.4 | 2.2 | 6.4 | 20.4 | 0.026 | 0.015   | 0.024 | 0.021 | 0.013 |
| 46 | 1.2 | 3   | 6.4 | 21.1 | 0.025 | 0.015   | 0.024 | 0.021 | 0.013 |
| 47 | 1.2 | 2.7 | 6.4 | 17.9 | 0.026 | 0.015   | 0.024 | 0.021 | 0.013 |
| 49 | 1.3 | 1.9 | 6.5 | 16.3 | 0.025 | 0.015   | 0.024 | 0.021 | 0.013 |
| 50 | 1.5 | 2.2 | 6.3 | 15.4 | 0.026 | 0.015   | 0.024 | 0.021 | 0.013 |
| 60 | 1.5 | 2.3 | 6.4 | 14.8 | 0.027 | 0.015   | 0.025 | 0.025 | 0.013 |
| 54 | 1.1 | 2.2 | 6.4 | 16.9 | 0.027 | 0.015   | 0.024 | 0.025 | 0.013 |
| 67 | 1.2 | 2.1 | 6.6 | 15.4 | 0.027 | 0.015   | 0.025 | 0.025 | 0.013 |
| 58 | 1.4 | 2.8 | 6.5 | 15.7 | 0.028 | 0.015   | 0.025 | 0.025 | 0.013 |
| 70 | 1.4 | 2.5 | 6.6 | 16.3 | 0.028 | 0.014   | 0.025 | 0.025 | 0.013 |
| 62 | 1.4 | 1.7 | 6.6 | 17.8 | 0.028 | 0.015   | 0.025 | 0.025 | 0.013 |
| 72 | 1.3 | 1.7 | 6.5 | 18.2 | 0.028 | 0.015   | 0.024 | 0.025 | 0.013 |
| 61 | 1.3 | 2   | 6.5 | 20.3 | 0.028 | 0.014   | 0.025 | 0.025 | 0.013 |
| 73 | 1.1 | 2.3 | 6.6 | 19.5 | 0.028 | 0.016   | 0.026 | 0.024 | 0.013 |
| 66 | 1.7 | 2.9 | 6.6 | 18.9 | 0.028 | 0.014   | 0.026 | 0.024 | 0.013 |
| 57 | 1.8 | 4.1 | 6.6 | 17.9 | 0.027 | 0.016   | 0.026 | 0.024 | 0.013 |
| 68 | 1.4 | 2.4 | 6.5 | 17.4 | 0.027 | 0.015   | 0.025 | 0.024 | 0.013 |
| 83 | 1.5 | 2.4 | 6.6 | 17.8 | 0.027 | 0.015   | 0.026 | 0.024 | 0.013 |
| 81 | 1.4 | 2.3 | 6.7 | 17.4 | 0.027 | 0.015   | 0.026 | 0.024 | 0.014 |
| 76 | 1.9 | 2.7 | 6.6 | 18.2 | 0.027 | 0.015   | 0.026 | 0.024 | 0.014 |
| 72 | 1.7 | 2.4 | 6.6 | 19.5 | 0.027 | 0.014   | 0.026 | 0.024 | 0.014 |
| 62 | 1.7 | 2.4 | 6.5 | 19.3 | 0.026 | 0.013   | 0.026 | 0.024 | 0.013 |
| 52 | 1.6 | 2.2 | 6.5 | 16.1 | 0.026 | 0.015   | 0.026 | 0.024 | 0.013 |
| 47 | 1.6 | 2.1 | 6.3 | 15.9 | 0.027 | 0.013   | 0.026 | 0.024 | 0.013 |
| 58 | 1   | 2.4 | 6.4 | 17.2 | 0.026 | 0.014   | 0.025 | 0.024 | 0.014 |
| 55 | 1.7 | 2.7 | 6.4 | 18.4 | 0.026 | 0.014   | 0.026 | 0.025 | 0.014 |
| 65 | 1.6 | 2.8 | 6.5 | 19.3 | 0.026 | 0.013   | 0.025 | 0.025 | 0.014 |
| 51 | 1.4 | 2.2 | 6.4 | 19   | 0.026 | 0.014   | 0.026 | 0.024 | 0.014 |
| 61 | 1.3 | 3   | 6.4 | 18.7 | 0.026 | 0.013   | 0.025 | 0.025 | 0.014 |
| 49 | 1.7 | 3.3 | 6.4 | 18.7 | 0.026 | 0.013   | 0.025 | 0.024 | 0.013 |
| 73 | 1.4 | 2.7 | 6.4 | 18.3 | 0.026 | 0.013   | 0.025 | 0.024 | 0.014 |
| 79 | 1.7 | 2.9 | 6.6 | 18.7 | 0.027 | 0.016   | 0.024 | 0.025 | 0.013 |
| 83 | 1.6 | 2.3 | 6.7 | 19.4 | 0.027 | 0.014   | 0.023 | 0.025 | 0.014 |
| 71 | 1.7 | 2.2 | 6.6 | 19.5 | 0.026 | 0.016   | 0.024 | 0.025 | 0.013 |
| 73 | 1.6 | 2.3 | 6.7 | 18.9 | 0.025 | 0.016   | 0.024 | 0.024 | 0.013 |
| 63 | 1.6 | 2.3 | 6.5 | 19.8 | 0.025 | 0.015   | 0.017 | 0.023 | 0.014 |
| 66 | 1.5 | 3.1 | 6.5 | 18.2 | 0.025 | 0.014   | 0.024 | 0.024 | 0.014 |

|    |     |     |     |      |       |       |         |       |       |
|----|-----|-----|-----|------|-------|-------|---------|-------|-------|
| 68 | 1.2 | 2.5 | 6.5 | 17.8 | 0.025 | 0.016 | 0.024   | 0.024 | 0.013 |
| 82 | 1.4 | 2   | 6.5 | 17.6 | 0.026 | 0.016 | 0.024   | 0.025 | 0.014 |
| 80 | 1.7 | 2.2 | 6.7 | 16.7 | 0.025 | 0.015 | #DIV/0! | 0.024 | 0.014 |
| 90 | 1.3 | 2.6 | 6.6 | 17.2 | 0.025 | 0.016 | 0.018   | 0.023 | 0.014 |
| 82 | 1.5 | 2.7 | 6.6 | 16.7 | 0.025 | 0.016 | 0.015   | 0.023 | 0.014 |
| 84 | 1.4 | 2.7 | 6.7 | 15.5 | 0.024 | 0.015 | 0.015   | 0.023 | 0.014 |
| 68 | 2.3 | 2.4 | 6.6 | 17.4 | 0.025 | 0.016 | 0.015   | 0.023 | 0.014 |
| 68 | 1.5 | 2.6 | 6.5 | 16.9 | 0.025 | 0.015 | 0.015   | 0.023 | 0.014 |
| 74 | 1.5 | 2.7 | 6.6 | 16.6 | 0.026 | 0.015 | 0.015   | 0.023 | 0.014 |
| 71 | 1.8 | 2.6 | 6.5 | 15.7 | 0.026 | 0.014 | 0.015   | 0.023 | 0.014 |
| 80 | 1.6 | 2.2 | 6.5 | 17.2 | 0.025 | 0.015 | 0.015   | 0.023 | 0.014 |
| 60 | 1.5 | 2.1 | 6.6 | 15.8 | 0.025 | 0.014 | 0.014   | 0.023 | 0.014 |
| 55 | 1.4 | 1.9 | 6.6 | 15.5 | 0.025 | 0.016 | 0.014   | 0.023 | 0.014 |
| 51 | 1.1 | 1.9 | 6.3 | 14.6 | 0.025 | 0.015 | 0.015   | 0.023 | 0.014 |
| 59 | 1.5 | 1.8 | 6.4 | 15.7 | 0.026 | 0.015 | 0.015   | 0.023 | 0.014 |
| 56 | 2.1 | 2.1 | 6.6 | 14.6 | 0.026 | 0.016 | 0.015   | 0.023 | 0.014 |
| 55 | 1.9 | 2.3 | 6.4 | 12.5 | 0.026 | 0.014 | 0.015   | 0.023 | 0.014 |
| 58 | 2   | 1.9 | 6.4 | 13.1 | 0.026 | 0.015 | 0.015   | 0.023 | 0.014 |
| 66 | 2   | 1.9 | 6.4 | 13.6 | 0.026 | 0.015 | 0.015   | 0.022 | 0.014 |
| 60 | 2   | 3.3 | 6.4 | 12.6 | 0.026 | 0.016 | 0.015   | 0.022 | 0.014 |
| 59 | 1.9 | 3.1 | 6.5 | 14.1 | 0.025 | 0.015 | 0.015   | 0.022 | 0.014 |
| 64 | 1.7 | 2.9 | 6.7 | 14.4 | 0.026 | 0.014 | 0.015   | 0.021 | 0.012 |
| 75 | 2.2 | 2.7 | 6.5 | 12.5 | 0.026 | 0.014 | 0.015   | 0.021 | 0.013 |
| 74 | 1.9 | 2.2 | 6.6 | 11.6 | 0.026 | 0.015 | 0.016   | 0.021 | 0.013 |
| 82 | 1.8 | 1.9 | 6.7 | 12.5 | 0.026 | 0.015 | 0.016   | 0.021 | 0.012 |
| 73 | 1.4 | 3.2 | 6.7 | 12.5 | 0.026 | 0.015 | 0.015   | 0.021 | 0.013 |
| 71 | 1.7 | 2.2 | 6.6 | 13.2 | 0.025 | 0.014 | 0.015   | 0.021 | 0.013 |
| 66 | 1.7 | 2.8 | 6.6 | 13.2 | 0.018 | 0.013 | 0.016   | 0.021 | 0.013 |
| 68 | 1.6 | 2.2 | 6.5 | 12.1 | 0.016 | 0.014 | 0.015   | 0.021 | 0.013 |
| 79 | 1.5 | 2.6 | 6.6 | 13.3 | 0.017 | 0.013 | 0.015   | 0.020 | 0.012 |
| 79 | 1.8 | 3.6 | 6.5 | 13.3 | X     | 0.016 | 0.015   | 0.022 | 0.013 |
| 82 | 1.5 | 5.4 | 6.5 | 13.8 | 0.024 | 0.015 | 0.017   | 0.022 | 0.013 |
| 90 | 1.7 | 2.8 | 6.6 | 14.2 | 0.018 | 0.013 | 0.015   | 0.021 | 0.012 |
| 75 | 1.5 | 2   | 6.6 | 15.3 | 0.017 | 0.013 | 0.015   | 0.021 | 0.012 |
| 75 | 1.6 | 3.6 | 6.6 | 16.7 | 0.017 | 0.013 | 0.015   | 0.021 | 0.012 |
| 81 | 1.8 | 3.2 | 6.6 | 16.4 | 0.017 | 0.014 | 0.015   | 0.020 | 0.012 |
| 92 | 1.5 | 2.6 | 6.7 | 16.6 | 0.017 | 0.014 | 0.015   | 0.019 | 0.012 |
| 98 | 2.1 | 2.4 | 6.8 | 12.8 | 0.017 | 0.013 | 0.015   | 0.019 | 0.012 |
| 91 | 3.7 | 3   | 6.7 | 14.7 | 0.017 | 0.013 | 0.015   | 0.019 | 0.012 |
| 87 | 2   | 3.3 | 6.7 | 15   | 0.017 | 0.013 | 0.014   | 0.019 | 0.012 |
| 95 | 2.2 | 2.7 | 6.7 | 14.9 | 0.017 | 0.013 | 0.014   | 0.019 | 0.012 |
| 81 | 2   | 2.2 | 6.7 | 16.3 | 0.017 | 0.013 | 0.014   | 0.019 | 0.012 |
| 74 | 1.7 | 2.7 | 6.6 | 17.3 | 0.017 | 0.013 | 0.015   | 0.019 | 0.012 |
| 88 | 1.7 | 2.7 | 6.6 | 17.9 | 0.017 | 0.013 | 0.015   | 0.020 | 0.012 |
| 78 | 1.6 | 2.8 | 6.7 | 16.9 | 0.017 | 0.013 | 0.015   | 0.020 | 0.012 |
| 81 | 1.4 | 2.4 | 6.6 | 17.2 | 0.017 | 0.013 | 0.015   | 0.020 | 0.012 |
| 80 | 1.3 | 2.5 | 6.7 | 15.9 | 0.017 | 0.013 | 0.015   | 0.020 | 0.012 |
| 75 | 1.4 | 2.6 | 6.6 | 15.8 | 0.017 | 0.014 | 0.014   | 0.021 | 0.012 |
| 76 | 1.2 | 2.4 | 6.6 | 16.7 | 0.017 | 0.013 | 0.014   | 0.020 | 0.012 |
| 71 | 1.5 | 3.1 | 6.6 | 14.8 | 0.017 | 0.014 | 0.015   | 0.021 | 0.012 |
| 86 | 1.4 | 3.1 | 6.6 | 14.7 | 0.017 | 0.013 | 0.015   | 0.020 | 0.012 |
| 74 | 1.3 | 2.6 | 6.6 | 13.5 | 0.017 | 0.014 | 0.015   | 0.021 | 0.017 |
| 74 | 1.1 | 2.6 | 6.6 | 15   | 0.017 | 0.015 | 0.015   | 0.021 | 0.013 |

|     |     |     |     |      |       |       |       |       |       |
|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|
| 65  | 1.3 | 3.4 | 6.5 | 15.8 | 0.018 | 0.014 | 0.015 | 0.021 | 0.013 |
| 59  | 1.4 | 2.8 | 6.5 | 18.1 | 0.018 | 0.014 | 0.015 | 0.020 | 0.013 |
| 45  | 1.4 | 2.6 | 6.4 | 18   | 0.017 | 0.013 | 0.015 | 0.020 | 0.013 |
| 42  | 1.2 | 2.8 | 6.3 | 18.3 | 0.017 | 0.013 | 0.015 | 0.021 | 0.013 |
| 55  | 1.4 | 2.1 | 6.3 | 17.4 | 0.017 | 0.016 | 0.014 | 0.020 | 0.013 |
| 42  | 1.2 | 2.1 | 6.5 | 16.1 | 0.015 | 0.013 | 0.014 | 0.020 | 0.013 |
| 45  | 1.4 | 1.3 | 6.3 | 16.7 | 0.015 | 0.013 | 0.014 | 0.019 | 0.012 |
| 56  | 1.5 | 2   | 6.4 | 18.1 | 0.017 | 0.014 | 0.015 | 0.020 | 0.012 |
| 42  | 1.4 | 2.4 | 6.4 | 17   | 0.016 | 0.013 | 0.014 | 0.019 | 0.012 |
| 51  | 1.6 | 2.7 | 6.4 | 13.8 | 0.016 | 0.013 | 0.014 | 0.019 | 0.013 |
| 41  | 1.3 | 2.7 | 6.6 | 15.1 | 0.015 | 0.013 | 0.014 | 0.019 | 0.012 |
| 54  | 1.8 | 2.4 | 6.4 | 15.1 | 0.016 | 0.013 | 0.014 | 0.020 | 0.013 |
| 49  | 2.1 | 3.5 | 6.5 | 15.8 | 0.016 | 0.014 | 0.014 | 0.020 | 0.013 |
| 49  | 2   | 2.3 | 6.4 | 17   | 0.017 | 0.014 | 0.015 | 0.020 | 0.013 |
| 41  | 2.1 | 2.2 | 6.3 | 16.6 | 0.017 | 0.013 | 0.015 | 0.020 | 0.012 |
| 48  | 2.7 | 2.6 | 6.3 | 14.7 | 0.016 | 0.014 | 0.015 | 0.020 | 0.012 |
| 49  | 2.1 | 2.5 | 6.4 | 11.2 | 0.017 | 0.014 | 0.015 | 0.020 | 0.012 |
| 55  | 2.2 | 2.7 | 6.4 | 11   | 0.017 | 0.013 | 0.014 | 0.019 | 0.012 |
| 61  | 2.5 | 2.2 | 6.5 | 14.7 | 0.017 | 0.015 | 0.014 | 0.019 | 0.012 |
| 64  | 2.1 | 1.8 | 6.4 | 13.2 | 0.017 | 0.015 | 0.015 | 0.019 | 0.012 |
| 55  | 2   | 2.3 | 6.5 | 12.4 | 0.019 | 0.015 | 0.017 | 0.019 | 0.012 |
| 63  | 2.1 | 2.5 | 6.5 | 12.9 | 0.017 | 0.015 | 0.014 | 0.020 | 0.012 |
| 60  | 2.1 | 3.6 | 6.5 | 13   | 0.017 | 0.014 | 0.015 | 0.019 | 0.012 |
| 61  | 2.9 | 2.8 | 6.4 | 12.7 | 0.017 | 0.013 | 0.015 | 0.020 | 0.012 |
| 69  | 2.1 | 3.4 | 6.5 | 14.6 | 0.017 | 0.014 | 0.015 | 0.019 | 0.013 |
| 85  | 2.5 | 2.7 | 6.7 | 12.9 | 0.018 | 0.014 | 0.015 | 0.020 | 0.015 |
| 102 | 1.8 | 1.9 | 6.7 | 12.2 | 0.018 | 0.013 | 0.016 | 0.020 | 0.014 |
| 95  | 1.9 | 3.6 | 6.7 | 14.5 | 0.017 | 0.014 | 0.015 | 0.020 | 0.014 |
| 98  | 2   | 2.6 | 6.7 | 15   | 0.017 | 0.014 | 0.016 | 0.020 | 0.014 |
| 94  | 2.3 | 2.7 | 6.7 | 15.5 | 0.017 | 0.014 | 0.016 | 0.020 | 0.014 |
| 87  | 2.1 | 2.5 | 6.7 | 15.8 | 0.017 | 0.014 | 0.016 | 0.020 | 0.014 |
| 86  | 3.3 | 3.2 | 6.6 | 16.2 | 0.017 | 0.014 | 0.015 | 0.020 | 0.014 |
| 105 | 2.5 | 2.1 | 6.7 | 17.2 | 0.018 | 0.015 | 0.016 | 0.021 | 0.014 |
| 102 | 3.1 | 2.2 | 6.7 | 18.1 | 0.017 | 0.015 | 0.014 | 0.020 | 0.014 |
| 111 | 2.5 | 2.3 | 6.7 | 18   | 0.017 | 0.015 | 0.015 | 0.021 | 0.015 |
| 110 | 2.5 | 2.6 | 6.8 | 18.3 | 0.017 | 0.014 | 0.014 | 0.020 | 0.014 |
| 96  | 2.5 | 2.6 | 6.8 | 18.5 | 0.017 | 0.015 | 0.014 | 0.021 | 0.013 |
| 92  | 2.2 | 3.4 | 6.9 | 19.2 | 0.017 | 0.015 | 0.014 | 0.020 | 0.014 |
| 84  | 2.4 | 2.9 | 6.8 | 19.8 | 0.017 | 0.015 | 0.014 | 0.021 | 0.014 |
| 108 | 2.4 | 2.5 | 6.6 | 18.4 | 0.017 | 0.015 | 0.014 | 0.020 | 0.015 |
| 100 | 3.2 | 2.9 | 6.8 | 18.6 | 0.018 | 0.016 | 0.014 | 0.021 | 0.014 |
|     |     |     |     |      | 0.017 | 0.015 | 0.014 | 0.020 | 0.015 |
| 86  | 2.9 | 3.3 | 6.7 | 17.4 | 0.018 | 0.015 | 0.014 | 0.020 | 0.015 |
| 97  | 2.3 | 2.5 | 6.8 | 18.4 | 0.018 | 0.015 | 0.014 | 0.021 | 0.016 |
| 85  | 2.5 | 2.5 | 6.7 | 19.3 | 0.017 | 0.015 | 0.013 | 0.020 | 0.014 |
| 102 | 2.5 | 2.7 | 6.8 | 19.4 | 0.017 | 0.014 | 0.009 | 0.021 | 0.015 |
| 86  | 2.2 | 2.4 | 6.8 | 20.8 | 0.017 | 0.014 | 0.013 | 0.020 | 0.015 |
| 107 | 2.3 | 1.7 | 6.7 | 17.7 | 0.017 | 0.013 | 0.015 | 0.020 | 0.014 |
| 103 | 1.7 | 2.5 | 6.8 | 18.2 | 0.017 | 0.014 | 0.015 | 0.020 | 0.015 |
| 102 | 2   | 2.5 | 6.8 | 19.9 | 0.017 | 0.013 | 0.015 | 0.020 | 0.015 |
| 90  | 2.1 | 1.9 | 6.8 | 20.2 | 0.017 | 0.014 | 0.015 | 0.020 | 0.014 |
| 79  | 1.9 | 2.5 | 6.6 | 20.6 | 0.016 | 0.013 | 0.014 | 0.020 | 0.014 |
| 72  | 1.3 | 2   | 6.6 | 21.7 | 0.016 | 0.014 | 0.012 | 0.020 | 0.014 |

|     |     |     |     |      |       |       |       |       |       |
|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|
| 82  | 1.3 | 1.4 | 6.7 | 21.3 | 0.018 | 0.013 | 0.012 | 0.020 | 0.014 |
| 82  | 1.5 | 1.6 | 6.8 | 22   | 0.017 | 0.013 | 0.012 | 0.020 | 0.014 |
| 82  | 1.4 | 1.7 | 6.7 | 21.3 | 0.016 | 0.013 | 0.012 | 0.019 | 0.013 |
| 78  | 1.6 | 1.6 | 6.7 | 20   | 0.016 | 0.013 | 0.012 | 0.019 | 0.013 |
| 76  | 1.3 | 1.7 | 6.7 | 18.9 | 0.016 | 0.013 | 0.012 | 0.019 | 0.013 |
| 67  | 1.4 | 2.1 | 6.7 | 19.6 | 0.016 | 0.013 | 0.012 | 0.018 | 0.013 |
| 75  | 1.2 | 2.2 | 6.6 | 21   | 0.018 | 0.013 | 0.016 | 0.021 | 0.013 |
| 86  | 1.3 | 1.9 | 6.8 | 21.9 | 0.022 | 0.013 | 0.017 | 0.025 | 0.014 |
| 82  | 1.4 | 1.8 | 6.8 | 22   | 0.024 | 0.013 | 0.018 | 0.025 | 0.015 |
| 75  | 1   | 1.9 | 6.8 | 20.1 | 0.023 | 0.013 | 0.017 | 0.025 | 0.015 |
| 89  | 1.1 | 2.2 | 6.7 | 20.6 | 0.025 | 0.014 | 0.018 | 0.027 | 0.015 |
| 82  | 1.2 | 2   | 6.7 | 21.6 | 0.026 | 0.013 | 0.017 | 0.027 | 0.015 |
| 68  | 1.2 | 2.1 | 6.7 | 20.7 | 0.026 | 0.014 | 0.017 | 0.026 | 0.014 |
| 74  | 1.3 | 1.8 | 6.7 | 18.9 | 0.023 | 0.015 | 0.020 | 0.025 | 0.014 |
| 103 | 1.6 | 2.2 | 6.7 | 19.7 | 0.023 | 0.014 | 0.016 | 0.026 | 0.013 |
| 96  | 1.3 | 1.9 | 6.8 | 22.9 | 0.022 | 0.014 | 0.016 | 0.025 | 0.013 |
| 85  | 1.1 | 1.5 | 6.8 | 22.8 | 0.023 | 0.014 | 0.016 | 0.024 | 0.013 |
| 79  | 1.4 | 1.9 | 6.7 | 20.9 | 0.024 | 0.013 | 0.016 | 0.025 | 0.013 |
| 74  | 1.1 | 1.9 | 6.7 | 20.8 | 0.024 | 0.014 | 0.016 | 0.025 | 0.013 |
| 70  | 1.4 | 1.8 | 6.8 | 20   | 0.025 | 0.014 | 0.018 | 0.026 | 0.014 |
| 77  | 1.5 | 1.8 | 6.8 | 20.8 | 0.023 | 0.014 | 0.019 | 0.025 | 0.014 |
| 90  | 1.3 | 1.6 | 6.7 | 20.5 | 0.022 | 0.015 | 0.024 | 0.026 | 0.013 |
| 91  | 1.5 | 1.7 | 6.8 | 20.7 | 0.022 | 0.014 | 0.023 | 0.025 | 0.013 |
| 98  | 2.2 | 2.3 | 6.9 | 21.2 | 0.022 | 0.014 | 0.023 | 0.025 | 0.013 |
| 103 | 1.5 | 1.9 | 6.9 | 21.4 | 0.021 | 0.014 | 0.023 | 0.026 | 0.013 |
| 97  | 1.5 | 1.9 | 6.9 | 22   | 0.023 | 0.014 | 0.023 | 0.027 | 0.013 |
| 89  | 2.3 | 2   | 6.8 | 20.1 | 0.021 | 0.014 | 0.022 | 0.025 | 0.013 |
| 104 | 4.8 | 1.9 | 6.9 | 19.1 | 0.026 | 0.015 | 0.024 | 0.026 | 0.015 |
| 126 | 3   | 2   | 6.9 | 18.8 | 0.026 | 0.016 | 0.023 | 0.024 | 0.015 |
| 122 | 1.7 | 1.7 | 7   | 21.6 | 0.023 | 0.018 | 0.023 | 0.024 | 0.014 |
| 116 | 1.6 | 1.8 | 7   | 21   | 0.024 | 0.016 | 0.023 | 0.024 | 0.015 |
| 116 | 1.8 | 1.9 | 6.8 | 22.6 | 0.029 | 0.016 | 0.023 | 0.025 | 0.015 |
| 104 | 1.4 | 1.9 | 6.9 | 23.2 | 0.026 | 0.015 | 0.023 | 0.023 | 0.017 |
| 93  | 1.7 | 2   | 6.9 | 22.3 | 0.027 | 0.015 | 0.023 | 0.023 | 0.014 |
| 89  | 1.2 | 1.2 | 6.7 | 21.5 | 0.026 | 0.015 | 0.024 | 0.024 | 0.014 |
| 107 | 2.9 | 2.2 | 6.7 | 22.3 | 0.029 | 0.017 | 0.023 | 0.027 | 0.015 |
| 156 | 2.3 | 2.5 | 6.9 | 21.3 | 0.028 | 0.016 | 0.021 | 0.025 | 0.016 |
| 155 | 1.6 | 2.4 | 7   | 21.8 | 0.027 | 0.022 | 0.023 | 0.028 | 0.015 |
| 154 | 2   | 2.1 | 7.1 | 21.7 | 0.029 | 0.016 | 0.023 | 0.023 | 0.016 |
| 161 | 2.1 | 1.9 | 7.1 | 22.1 | 0.028 | 0.017 | 0.022 | 0.024 | 0.015 |
| 182 | 1.9 | 2   | 7.1 | 20.7 | 0.026 | 0.016 | 0.023 | 0.026 | 0.014 |
| 206 | 1.8 | 2.7 | 7.1 | 20.8 | 0.027 | 0.016 | 0.022 | 0.025 | 0.014 |
| 203 | 1.6 | 2.3 | 7.1 | 20.6 | 0.026 | 0.015 | 0.021 | 0.024 | 0.014 |
| 181 | 2.4 | 2.7 | 7.1 | 21.7 | 0.023 | 0.014 | 0.018 | 0.021 | 0.013 |
| 192 | 1.8 | 2.3 | 7.1 | 21.8 | 0.022 | 0.014 | 0.018 | 0.021 | 0.012 |
| 184 | 1.7 | 2.2 | 7.1 | 22.3 | 0.021 | 0.013 | 0.017 | 0.021 | 0.012 |
| 197 | 1.4 | 2.7 | 7.2 | 22.9 | 0.020 | 0.014 | 0.017 | 0.022 | 0.012 |
| 185 | 1.8 | 2.2 | 7.2 | 22.4 | 0.020 | 0.013 | 0.017 | 0.020 | 0.012 |
| 179 | 1.9 | 2.4 | 7.2 | 22.8 | 0.022 | 0.015 | 0.017 | 0.020 | 0.013 |
| 149 | 2.3 | 2.1 | 7   | 21.6 | 0.024 | 0.014 | 0.018 | 0.022 | 0.013 |
| 177 | 2   | 1.5 | 7   | 21   | 0.027 | 0.015 | 0.019 | 0.023 | 0.014 |
| 169 | 2.6 | 1.5 | 7.1 | 20.6 | 0.026 | 0.015 | 0.019 | 0.022 | 0.016 |
| 161 | 2.6 | 1.7 | 7   | 21.1 | 0.024 | 0.016 | 0.017 | 0.022 | 0.014 |

|     |     |     |     |      |       |       |       |       |       |
|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|
| 168 | 3.2 | 1.5 | 7.1 | 20.3 | 0.026 | 0.015 | 0.018 | 0.022 | 0.014 |
|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|

**Off-line due to extensive rain and flooding of the Wichita River at the RRWWTP**

|     |      |     |     |      |       |       |       |       |       |
|-----|------|-----|-----|------|-------|-------|-------|-------|-------|
| 16  | 1.02 | 2.2 | 8   | 24   | 0.031 | 0.035 | 0.018 | 0.038 | 0.035 |
| 200 | 3.7  | 2.2 | 7.1 | 23.3 | 0.024 | 0.016 | 0.015 | 0.024 | 0.017 |
| 203 | 2.3  | 2.3 | 7.1 | 23.7 | 0.024 | 0.015 | 0.017 | 0.023 | 0.014 |
| 202 | 1.7  | 2.5 | 7.1 | 24.4 | 0.024 | 0.014 | 0.016 | 0.022 | 0.013 |
| 194 | 1.7  | 2.7 | 7.3 | 24.2 | 0.024 | 0.014 | 0.017 | 0.022 | 0.013 |
| 183 | 1.9  | 2.5 | 7.1 | 25.2 | 0.023 | 0.014 | 0.017 | 0.022 | 0.013 |
| 177 | 1.6  | 2.8 | 7   | 25.1 | 0.023 | 0.015 | 0.017 | 0.022 | 0.013 |
| 168 | 1.5  | 2.8 | 7.1 | 22.8 | 0.021 | 0.014 | 0.016 | 0.022 | 0.013 |
| 167 | 1.1  | 2.1 | 7.1 | 25.9 | 0.020 | 0.015 | 0.014 | 0.022 | 0.013 |
| 169 | 1.1  | 2.5 | 7.1 | 26.8 | 0.020 | 0.013 | 0.010 | 0.022 | 0.013 |
| 158 | 1.3  | 2.5 | 7.1 | 26.1 | 0.019 | 0.013 | 0.010 | 0.022 | 0.012 |
| 146 | 1.6  | 2.8 | 7   | 25.4 | 0.021 | 0.013 | 0.010 | 0.022 | 0.012 |
| 146 | 1.4  | 2.2 | 7.1 | 24.5 | 0.019 | 0.013 | 0.010 | 0.021 | 0.012 |
| 154 | 2.2  | 2.3 | 6.9 | 23.7 | 0.019 | 0.013 | 0.017 | 0.021 | 0.012 |
| 195 | 1.5  | 2.2 | 7.1 | 23.7 | 0.019 | 0.013 | 0.010 | 0.021 | 0.013 |
| 198 | 1.8  | 2.7 | 7.1 | 24   | 0.019 | 0.013 | 0.012 | 0.021 | 0.013 |
| 215 | 1.8  | 2.1 | 7   | 24.2 | 0.019 | 0.014 | 0.018 | 0.021 | 0.012 |
| 235 | 1.4  | 2.3 | 7.2 | 24.8 | 0.019 | 0.014 | 0.018 | 0.022 | 0.012 |
| 248 | 1.9  | 2.1 | 7.1 | 24.8 | 0.019 | 0.014 | 0.018 | 0.021 | 0.012 |
| 254 | 1.7  | 2.5 | 7.4 | 25.8 | 0.018 | 0.013 | 0.017 | 0.022 | 0.012 |
| 230 | 1.6  | 2.7 | 7.2 | 25.7 | 0.019 | 0.014 | 0.018 | 0.021 | 0.011 |
| 210 | 1.4  | 2.9 | 7.1 | 24.7 | 0.019 | 0.013 | 0.018 | 0.022 | 0.012 |
| 204 | 1.5  | 2.5 | 7   | 26.2 | 0.019 | 0.013 | 0.017 | 0.021 | 0.011 |
| 193 | 1.7  | 2.3 | 7.2 | 26.7 | 0.018 | 0.013 | 0.018 | 0.021 | 0.012 |
| 181 | 1.6  | 2.4 | 7.1 | 27.3 | 0.019 | 0.012 | 0.017 | 0.020 | 0.011 |
| 174 | 1.7  | 2.6 | 7.2 | 26   | 0.018 | 0.012 | 0.017 | 0.020 | 0.011 |
| 158 | 1.8  | 2.2 | 7.1 | 26.3 | 0.018 | 0.012 | 0.017 | 0.020 | 0.011 |
| 160 | 1.6  | 2.2 | 7.1 | 26.7 | 0.018 | 0.012 | 0.018 | 0.019 | 0.011 |
| 147 | 1.6  | 2   | 7.1 | 26.4 | 0.019 | 0.012 | 0.018 | 0.020 | 0.011 |
| 144 | 1.7  | 1.9 | 7.1 | 27.5 | 0.019 | 0.012 | 0.017 | 0.020 | 0.011 |
| 144 | 1.7  | 1.7 | 7.1 | 28.2 | 0.018 | 0.011 | 0.017 | 0.020 | 0.011 |
| 126 | 1.7  | 2   | 7   | 28.1 | 0.018 | 0.012 | 0.018 | 0.020 | 0.011 |
| 132 | 1.4  | 2.4 | 6.9 | 27.5 | 0.019 | 0.011 | 0.016 | 0.021 | 0.011 |
| 125 | 1.5  | 2.2 | 7   | 27.1 | 0.017 | 0.011 | 0.016 | 0.020 | 0.011 |
| 127 | 1.5  | 2.5 | 6.9 | 27.3 | 0.017 | 0.012 | 0.017 | 0.020 | 0.011 |
| 124 | 1.4  | 2.3 | 7.2 | 27.3 | 0.018 | 0.012 | 0.016 | 0.020 | 0.011 |
| 126 | 1.4  | 1.7 | 7.1 | 26.4 | 0.018 | 0.010 | 0.016 | 0.018 | 0.012 |
| 164 | 1.5  | 1.7 | 7   | 24.8 | 0.018 | 0.010 | 0.015 | 0.015 | 0.013 |
| 218 | 1.4  | 1.6 | 7.1 | 26.3 |       |       |       |       |       |
| 224 | 1.6  | 1.6 | 7.1 | 24.8 |       |       |       |       |       |
| 226 | 1.4  | 2.3 | 7   | 26.4 |       |       |       |       |       |
| 214 | 1.7  | 1.8 | 7.1 | 26.1 |       |       |       |       |       |
| 204 | 1.5  | 1.4 | 7   | 26.3 |       |       |       |       |       |
| 198 | 1.3  | 1.7 | 7.1 | 27.3 |       |       |       |       |       |
| 198 | 1.3  | 1.7 | 7   | 27.8 |       |       |       |       |       |

|     |     |     |     |      |
|-----|-----|-----|-----|------|
| 202 | 1.4 | 1.5 | 7.1 | 28.2 |
| 197 | 1.4 | 1.5 | 6.9 | 27.6 |
| 197 | 1.4 | 1.3 | 7   | 28.3 |
| 182 | 1.6 | 1.8 | 6.9 | 28.2 |
| 161 | 1.5 | 1.3 | 7.1 | 26.5 |
| 146 | 1.4 | 1.7 | 6.8 | 30.7 |

individual unit process points, and

| Intermediate Sampling Locations |    |      |                   |         |         |         |         |         |                 |
|---------------------------------|----|------|-------------------|---------|---------|---------|---------|---------|-----------------|
| MF Combined Filtrate            |    |      | RO Salt Rejection |         |         |         |         |         | Splitter        |
| 3                               | 3  | 3    | 3                 | 3       | 3       | 3       | 3       | 3       | 3               |
| Mono-Cl                         | pH | Temp | Train 1           | Train 2 | Train 3 | Train 4 | Train 5 | Train 6 | Turbidity (NTU) |

1.73759  
1.73409

6.6 15  
6.7 15.6  
6.7 16  
6.3 15.3  
6 15.7  
6.7 15.1  
6.2 13.6  
6.5 12  
6.6 12.2  
6.8 15  
6.7 14  
6.8 12.4  
6.7 11.9  
6.5 13  
6.9 13.7  
6.8 13.5  
6.8 14.2  
6.8 12.9  
6.5 13.5  
6.4 12  
6.5 11.1  
6.4 11.3  
6.7 12  
6.8 13  
6.5 12.7  
6.4 11.5  
6.8 11.8  
6.7 13.1  
6.6 14.2  
6.2 15.8  
6.9 17.1  
6.6 17.3  
6.6 18.3  
6.6 18.2  
6.5 17.5  
6.5 17.4

|     |     |      |   |      |      |   |   |   |      |
|-----|-----|------|---|------|------|---|---|---|------|
| 1.3 | 6.8 | 28.7 | X | 80.6 | 64.3 | X | X | X | 35.7 |
|-----|-----|------|---|------|------|---|---|---|------|

|     |     |      |      |      |      |      |      |      |      |
|-----|-----|------|------|------|------|------|------|------|------|
| 1.2 | 7   | 27.1 | X    | X    | X    | 96.3 | 85.8 | X    | 22   |
| 1.3 | 7   | 27.8 | 70.6 | X    | X    | X    | X    | 81.4 | 22.4 |
| 1.6 | 7.1 | 27.1 | X    | 85.2 | 87.3 | X    | X    | X    | 20.1 |
| 1.3 | 6.9 | 27.9 | X    | X    | X    | 96.5 | 86   | X    | 19.1 |
| 1.2 | 7   | 19.1 | 70.6 | 85.5 | X    | X    | X    | 82.6 | 23.5 |
| 0.8 | 6.9 | 27   | X    | 85.4 | 87   | X    | X    | X    | 25.6 |
| 1   | 7   | 25.6 | X    | X    | X    | 96.3 | 85.4 | X    | 25.1 |
| 1.2 | 6.8 | 25   | 74   | 87.6 | X    | X    | X    | 84.7 | 23.6 |
| 1.4 | 6.8 | 23   | X    | X    | 88.1 | 96.4 | 86.9 | X    | 26.9 |
| 1.9 | 6.9 | 24.1 | 77.1 | 87.4 | X    | X    | X    | 85   | 24.4 |
| 1.6 | 7   | 25.9 | X    | X    | 88.1 | 96.8 | 87.6 | X    | 27.6 |
| 1.9 | 6.8 | 26.5 | X    | 87.9 | X    | 96.8 | X    | 83.1 | 26.9 |
| 1.8 | 6.9 | 29   | X    | X    | X    | 96.7 | 86.8 | 83.4 | 30.1 |
| 2.2 | 6.9 | 28.4 | X    | 85   | X    | X    | X    | 83.4 | 28.1 |
| 2.5 | 6.9 | 28.6 | 75.3 | 85.1 | X    | 96.7 | X    | X    | 23.8 |
| 1.7 | 6.9 | 28.6 | X    | X    | X    | 96.3 | 86   | 82.5 | 22.1 |
| 1.3 | 6.8 | 28.4 | X    | 86   | X    | 96.7 | X    | 83.9 | 26.2 |
| 1.3 | 6.8 | 2.2  | X    | 83   | X    | 96.5 | 86.1 | X    | 23.6 |
| 1.4 | 7.2 | 27.1 | X    | 84.2 | X    | 95.8 | X    | 82.1 | 21.9 |
| 1.4 | 6.9 | 25.6 | X    | 85.2 | 88.9 | X    | 86.8 | 82.8 | 20.4 |
| 1.6 | 7.6 | 25.8 | X    | X    | 89.2 | 96.6 | X    | 84.1 | 20   |
| 2.2 | 6.8 | 25.3 | X    | 86.9 | X    | 96.8 | 88.1 | X    | 21.5 |
| 1.9 | 6.7 | 26.1 | X    | X    | 89.4 | X    | 86.4 | 84.4 | 22   |
| 2.3 | 6.8 | 27.6 | X    | 86.5 | 89   | 96.6 | X    | X    | 25.3 |
| 2.1 | 6.8 | 26.8 | X    | X    | X    | 92.5 | 85   | 82.2 | 27   |
| 2.2 | 6.8 | 26.9 | X    | 83.7 | 87.8 | X    | 84.5 | X    | 27.7 |
| 1.6 | 6.6 | 26.6 | X    | 86   | X    | 96.5 | X    | 84   | 29.8 |
| 2.1 | 6.7 | 28.2 | X    | X    | 89.1 | 95.9 | 87.1 | X    | 28.1 |
| 1.4 | 6.8 | 29   | X    | 86.7 | X    | X    | 87.6 | 83.6 | 20.5 |
| 1.6 | 6.3 | 29   | X    | 85.1 | 89.6 | X    | X    | 84   | 23.3 |
| 1.7 | 6.8 | 27.2 | X    | 86.7 | 88.4 | X    | 83.6 | X    | 26.5 |
| 1.6 | 6.7 | 27.5 | X    | X    | 88.7 | X    | 86.4 | 83   | 23.9 |
| 2   | 6.6 | 28.1 | X    | 84.5 | X    | X    | 85   | 82   | 21.8 |
| 2   | 6.6 | 28.2 | X    | 85.3 | 88.8 | 97.1 | X    | X    | 20   |
| 1.6 | 6.7 | 27.6 | X    | X    | 89.3 | X    | 86.6 | 83.9 | 22.7 |
| 1.6 | 6.7 | 26.7 | X    | 85.6 | 89.1 | 97.2 | X    | X    | 26.1 |
| 0.9 | 6.8 | 28.5 | X    | 86.6 | X    | 97.4 | 87.2 | CIP  | 23.3 |
| 1.3 | 6.7 | 27.2 | X    | 85.3 | 89.2 | 97.8 | CIP  | CIP  | 21.8 |
| 2   | 6.7 | 27.7 | X    | X    | 88.4 | 97.2 | CIP  | 77.3 | 22.2 |
| 1.7 | 6.6 | 28.1 | X    | 84.7 | X    | 97.1 | 77.9 | X    | 26.4 |
| 1.8 | 6.7 | 27.5 | X    | X    | 88.4 | X    | 78   | 77   | 26.3 |
| 1.5 | 6.8 | 28.2 | X    | 85.2 | X    | 97.4 | X    | 77.4 | 25.7 |
| 1.9 | 6.8 | 28.3 | X    | 85.8 | 89.4 | X    | 79.4 | X    | 23.7 |
| 1.1 | 6.8 | 30.3 | X    | X    | X    | 97.3 | 79   | 76.5 | 26.5 |
| 1.4 | 6.8 | 29.1 | X    | 83.7 | 86.3 | X    | X    | 75   | 31.2 |
| 2.2 | 6.7 | 27.8 | X    | X    | 87.4 | 96.7 | X    | 74.5 | 28.7 |
| 1.6 | 6.7 | 29   | X    | X    | 84.9 | X    | 76.4 | 74.2 | 28   |
| 1.8 | 6.6 | 29.7 | X    | CIP  | 87.3 | 96   | 80.6 | X    | 33.1 |
| 1.5 | 6.6 | 29.4 | X    | CIP  | 87.8 | 96.9 | 82   | 81.1 | 38   |
| 1.5 | 6.6 | 27.8 | X    | 75.3 | 88.2 | 97.1 | 80   | CIP  | 32.2 |
| 1   | 6.4 | 27.1 | X    | 79.6 | CIP  | 97.1 | 80.8 | 78.6 | 30.9 |
| 1.3 | 6.6 | 27.4 | X    | 76   | X    | 97.2 | 81.5 | 76.9 | 33   |
| 1.4 | 6.5 | 27.9 | X    | 76.1 | 85.2 | X    | X    | 75.9 | 36.1 |

|     |     |      |      |      |      |      |      |      |      |
|-----|-----|------|------|------|------|------|------|------|------|
| 1.5 | 6.5 | 28.8 | X    | X    | 84.8 | X    | 75.2 | 80.7 | 31   |
| 2.4 | 6.4 | 29.5 | X    | 75   | 84.9 | X    | 80.1 | X    | 32.9 |
| 1.2 | 6.6 | 28.7 | X    | 76.2 | 84.9 | X    | X    | 78.4 | 34.2 |
| 1.2 | 6.6 | 28.9 | X    | X    | X    | 97.3 | 80.9 | 77.8 | 30.1 |
| 0.9 | 6.7 | 29   | X    | 77.2 | 86.5 | 97.4 | X    | X    | 31.3 |
| 1.5 | 6.8 | 26.3 | X    | 77.8 | X    | X    | 82.5 | 78.7 | 34   |
| 1.5 | 6.7 | 26.2 | X    | X    | 87   | 97.4 | 81.9 | X    | 31.2 |
| 1.2 | 6.6 | 28   | X    | 75.3 | X    | 96.5 | X    | 75.6 | 35.7 |
| 2.1 | 6.6 | 28   | X    | X    | 85.3 | X    | 80   | 76.8 | 37   |
| 1   | 6.7 | 28.4 | X    | 76.3 | 85.5 | 96.3 | X    | X    | 31.8 |
| 1.5 | 6.7 | 26.3 | X    | 77.2 | X    | X    | 80.8 | 77.5 | 35   |
| 1.4 | 6.6 | 24.6 | X    | 77   | 86.2 | X    | X    | 77.9 | 33.6 |
| 1.1 | 6.4 | 22.5 | X    | 79.6 | 87.4 | X    | 82   | CIP  | 33.9 |
| 1.4 | 6.5 | 23.5 | X    | 78.7 | 88.1 | 96.5 | X    | CIP  | 31.7 |
| 2.2 | 6.4 | 26.1 | X    | X    | 85.5 | 95.6 | 78.2 | 75.8 | 34.2 |
| 2.6 | 6.4 | 26.6 | X    | 77.5 | X    | 96   | CIP  | 76.4 | 30.7 |
| 1.1 | 6.7 | 26.4 | X    | 77.9 | 86.7 | CIP  | 74.7 | 75.1 | 32.1 |
| 1.5 | 6.7 | 26.5 | X    | 77.5 | X    | 92.8 | 76   | 76.6 | 24.8 |
| 1.4 | 6.8 | 26   | X    | CIP  | CIP  | 96.1 | 77.4 | 77   | 24.1 |
| 1.5 | 6.8 | 26.5 | X    | CIP  | CIP  | 95.5 | 74.9 | 74.4 | 26.4 |
| 1.3 | 6.7 | 27   | X    | 75.4 | 84.8 | X    | 75   | X    | 28.7 |
| 1.5 | 6.6 | 23.6 | X    | 75.1 | 83.9 | 95.9 | X    | X    | 20.5 |
| 1.1 | 6.7 | 25.4 | X    | X    | X    | 96.3 | 76.5 | 74.6 | 20.3 |
| 1.5 | 6.7 | 25   | X    | 75.7 | 85.7 | X    | 76.6 | X    | 20.1 |
| 1   | 6.5 | 25.3 | X    | 76.4 | X    | 96.6 | X    | 75.4 | 20.3 |
| 2   | 6.7 | 24.3 | X    | X    | 85.3 | 96.4 | 77.7 | X    | 21.4 |
| 1.7 | 6.6 | 25.2 | X    | 75.6 | X    | X    | 75.4 | 73.1 | 21.8 |
| 1.5 | 6.7 | 24.9 | X    | 77.1 | 85.4 | 96.3 | X    | X    | 18.1 |
| 1.2 | 6.5 | 25.6 | X    | 73.9 | X    | X    | 74.4 | 72.9 | 21.5 |
| 1.4 | 6.6 | 25   | X    | X    | 85.4 | 96.1 | X    | 74.1 | 17.1 |
| 1.7 | 6.7 | 26.2 | 89.5 | X    | 85.2 | X    | X    | 74.5 | 20.7 |
| 1.4 | 6.7 | 25.8 | 93.4 | X    | X    | 94.8 | 75.2 | X    | 19.9 |
| 1.4 | 6.6 | 24.3 | 97.5 | 97.6 | 84.8 | 95.9 | X    | 73.2 | 18.3 |
| 1.2 | 6.7 | 22.2 | 97.7 | 97.8 | X    | X    | X    | 75.3 | 18.3 |
| 2.4 | 6.4 | 23.5 | X    | 97.8 | 85.7 | X    | 75.8 | X    | 18.5 |
| 1.1 | 6.8 | 24.6 | 97.2 | X    | X    | 95.8 | X    | 76.6 | 18.5 |
| 1.4 | 6.9 | 25.9 | X    | 97.4 | 83.3 | 95.2 | X    | X    | 22.6 |
| 1.6 | 6.3 | 26.1 | 97.5 | 97.5 | 84.8 | X    | 96.7 | X    | 21.6 |
| 1.4 | 6.7 | 25.6 | 97   | X    | X    | 95.2 | 96.7 | X    | 15.9 |
| 1.3 | 6.3 | 24.8 | X    | 97.4 | 82.9 | X    | X    | 71.6 | 18.4 |
| 1.1 | 6.7 | 22.5 | 97.6 | X    | X    | 95.2 | 97.5 | X    | 16.5 |
| 0.9 | 6.6 | 22.6 | X    | 97   | 82.3 | X    | 97.4 | X    | 15.5 |
| 0.9 | 6.1 | 21.8 | 97.3 | 97.3 | X    | 95.5 | X    | X    | 14.6 |
| 1.5 | 6.6 | 22.6 | 98   | 98   | X    | X    | 97.8 | X    | 14.7 |
| 1.4 | 6.6 | 22.4 | 97.8 | 97.9 | X    | X    | 97.9 | X    | 14.7 |
| 1.9 | 6.5 | 23.2 | 97.8 | 98.1 | 96.3 | X    | 97.8 | 96.8 | 15.5 |
| 1   | 6.7 | 23.1 | X    | X    | 97.8 | X    | 97.5 | 97.4 | 14   |
| 1   | 6.5 | 23.4 | X    | X    | 98   | X    | 98   | 97.7 | 14.2 |
| 1.2 | 6.8 | 22.9 | 98   | 97.9 | 98   | 96.9 | X    | X    | 13.6 |
| 1.2 | 6.7 | 23.2 | 97.3 | 97.8 | 98   | X    | X    | X    | 14   |
| 1.9 | 9.8 | 24   | 97.6 | X    | 97.9 | X    | 97.8 | 97.4 | 14.7 |
| 1.2 | 6.8 | 22.8 | X    | 97.7 | 97.9 | X    | X    | 97.4 | 15.1 |
| 1.7 | 6.7 | 23.7 | 97.7 | 97.7 | 97.9 | X    | X    | X    | 15.5 |

|     |     |      |      |      |      |      |      |      |      |
|-----|-----|------|------|------|------|------|------|------|------|
| 1.6 | 6.5 | 23.9 | 97.7 | 97.6 | X    | X    | 97.6 | 97.4 | 14.4 |
| 1.1 | 6.6 | 23.7 | 97.4 | X    | X    | X    | 97.6 | 95.9 | 16.1 |
| 1.2 | 6.6 | 23.7 | X    | 97.7 | 97.9 | X    | 97.9 | X    | 15.7 |
| 0.8 | 6.6 | 23.9 | 97.6 | 97.8 | 98   | X    | X    | 97.5 | 11.3 |
| 1.1 | 6.7 | 23.1 | 97.9 | X    | 97.1 | X    | 98   | X    | 13   |
| 1.2 | 6.8 | 22.4 | X    | 97.6 | 97.9 | X    | X    | 97.7 | 13.1 |
| 1.4 | 6.7 | 22   | 97.7 | X    | X    | X    | 98   | 97.8 | 12.6 |
| 1   | 6.6 | 21.2 | 98   | 98   | 98.2 | X    | X    | X    | 14.4 |
| 1.6 | 6.5 | 19.6 | X    | 98   | X    | X    | 98.1 | 97.8 | 13.7 |
| 1   | 6.7 | 19.6 | 98.2 | X    | 98.3 | X    | 98.2 | X    | 13.9 |
| 1.2 | 6.6 | 20.9 | 98   | 98   | X    | X    | X    | 97.8 | 14.3 |
| 1.3 | 6.6 | 20.6 | X    | 97.9 | 98.2 | X    | 97.9 | X    | 16.7 |
| 1.5 | 6.6 | 19.3 | X    | X    | 98.3 | X    | 98.1 | 97.9 | 15.9 |
| 1.4 | 6.7 | 20.4 | 98.1 | 98   | 98.3 | X    | X    | X    | 14.9 |
| 1.8 | 6.6 | 19.7 | 98   | X    | X    | CIP  | 98.2 | 97.9 | 16.5 |
| 2.9 | 6.7 | 19.7 | X    | 98   | 98.3 | CIP  | 98.3 | X    | 18.3 |
| 2.1 | 6.7 | 19.8 | 98.1 | X    | 98.3 | CIP  | X    | 98   | 18.4 |
| 2   | 6.7 | 21.1 | X    | 98   | X    | CIP  | 98.1 | 97.9 | 19.5 |
| 2.7 | 6.6 | 18.7 | 98.1 | X    | 98.3 | CIP  | 98.2 | X    | 20.8 |
| 1.7 | 6.6 | 16.2 | 98.3 | 98.3 | X    | CIP  | X    | 98.2 | 20.9 |
| 2.6 | 6.7 | 16.9 | 98.3 | X    | 98.5 | X    | 98.4 | 98.3 | 20.6 |
| 2   | 6.8 | 16.7 | 98.5 | 98.4 | 98.6 | 97.5 | X    | X    | 21.3 |
| 2.5 | 6.6 | 17.9 | 98.4 | X    | X    | X    | 98.4 | 98.4 | 23.6 |
| 2.3 | 6.8 | 16.7 | X    | 98.3 | 98.6 | 97.5 | X    | X    | 21.9 |
| 2.3 | 6.7 | 16.5 | 98.4 | X    | X    | X    | 98.5 | 98.4 | 23   |
| 2.2 | 6.6 | 16.3 | X    | 98.5 | 98.6 | 97.5 | X    | X    | 21.1 |
| 2   | 6.9 | 18.6 | 98.4 | X    | X    | X    | 98.4 | 98.3 | 23.9 |
| 1.7 | 6.9 | 18.8 | X    | 98.4 | 98.5 | 97.4 | X    | X    | 23.1 |
| 1.9 | 6.9 | 19.8 | 98.3 | X    | X    | X    | 98.4 | 98.3 | 20.2 |
| 2   | 6.9 | 19.4 | X    | 98.2 | 98.5 | 97.4 | X    | X    | 18.3 |
| 2.5 | 6.7 | 19.2 | 98.2 | X    | X    | X    | 98.4 | 98.3 | 17.7 |
| 3.7 | 6.8 | 17.8 | X    | 98.2 | 98.3 | 97.3 | X    | X    | 18.9 |
| 2.1 | 6.8 | 17.9 | 98.2 | X    | X    | X    | 98.4 | 98.1 | 16   |
| 2.4 | 6.9 | 18.5 | X    | 98.4 | 98.5 | 97.6 | X    | X    | 14.3 |
| 1.8 | 6.9 | 18.4 | 98.4 | X    | X    | X    | 98.5 | 98.3 | 14.3 |
| 2.3 | 6.8 | 18.7 | X    | 98.4 | 98.6 | 97.5 | X    | X    | 14.7 |
| 2.9 | 7   | 19.6 | 98.4 | X    | X    | X    | 98.5 | 98.4 | 15.2 |
| 1.8 | 6.9 | 19.7 | X    | 98.2 | 98.6 | 97.3 | X    | X    | 15.9 |
| 2.1 | 6.8 | 16.7 | 98.3 | X    | X    | X    | 98.3 | 98.2 | 16.1 |
| 2   | 6.6 | 16.7 | X    | 98.4 | 98.5 | 97.5 | X    | X    | 16.6 |
| 2.2 | 6.7 | 17.8 | 98.5 | X    | X    | X    | 98.5 | 98.4 | 16.9 |
| 2.2 | 6.7 | 18.7 | X    | 98.4 | 98.7 | 97.3 | X    | X    | 16.6 |
| 2.6 | 6.8 | 19.8 | 98.5 | X    | X    | X    | 98.6 | 98.4 | 15.6 |
| 2.3 | 6.7 | 19.6 | X    | 98.6 | 98.6 | 97.6 | X    | X    | 15.1 |
| 2.3 | 6.6 | 19.1 | 98.4 | X    | X    | X    | 98.6 | 98.4 | 15.3 |
| 2.9 | 6.6 | 19.1 | X    | 98.5 | 98.6 | X    | X    | 98.4 | 16.5 |
| 2.7 | 6.7 | 18.7 | 98.4 | X    | X    | 97.6 | 98.5 | X    | 15.1 |
| 2.2 | 6.9 | 19.4 | X    | 98.6 | 98.7 | X    | X    | 98.5 | 14   |
| 2.5 | 6.8 | 20   | 98.4 | X    | X    | 97.3 | 98.5 | X    | 14.1 |
| 2.3 | 6.9 | 19.7 | X    | 98.6 | 98.6 | X    | X    | 98.4 | 14.4 |
| 2   | 6.8 | 20.2 | 98.5 | X    | X    | 97.6 | 98.6 | X    | 16.1 |
| 2   | 6.8 | 20.1 | X    | 98.5 | 98.7 | X    | X    | 98.3 | 16.8 |
| 2.5 | 6.8 | 18.7 | 98.2 | 98.5 | X    | 97.5 | X    | X    | 16.8 |

|     |     |      |      |      |      |      |      |      |      |
|-----|-----|------|------|------|------|------|------|------|------|
| 2.1 | 6.9 | 18.9 | 98.4 | 98.7 | 98.6 | X    | X    | 98.4 | 17.2 |
| 2.1 | 6.9 | 18.2 | 98.5 | X    | 98.8 | 97.9 | X    | X    | 16   |
| 2.2 | 6.9 | 17.4 | X    | 98.7 | X    | X    | 98.4 | 98.5 | 17.2 |
| 2.3 | 7   | 18.1 | 98.6 | X    | 98.6 | 97.7 | X    | X    | 15.4 |
| 2   | 6.9 | 18.1 | X    | 98.7 | X    | CIP  | 98.7 | 98.4 | 15.4 |
| 2.3 | 7   | 16   | 98.6 | 98.8 | 98.7 | CIP  | X    | X    | 15.7 |
| 2.2 | 6.9 | 18.3 | 98   | X    | 98.7 | CIP  | 98.6 | 98.5 | 22.7 |
| 1.9 | 6.8 | 17   | 98.5 | 98.7 | X    | X    | X    | 98.5 | 17.6 |
| 2.5 | 6.9 | 17.7 | 98.6 | X    | X    | X    | 98.7 | 98.6 | 18.2 |
| 2.3 | 6.8 | 17.1 | 98.6 | 98.8 | 98.8 | X    | X    | X    | 18.3 |
| 2   | 6.9 | 18.1 | 98.5 | X    | X    | X    | 98.7 | 98.5 | 17.4 |
| 2.2 | 6.8 | 17   | X    | X    | 98.8 | X    | 98.8 | 98.6 | 17.7 |
| 3.3 | 6.6 | 16.4 | 98.5 | X    | X    | X    | 98.7 | 98.6 | 19   |
| 1.7 | 6.6 | 17.8 | X    | 98.7 | 98.7 | X    | X    | X    | 26.5 |
| 2   | 6.7 | 15.9 | 98.6 | 98.6 | 98.7 | X    | 98.6 | 98.6 | 26.1 |
| 2.1 | 6.7 | 12.6 | 98.7 | X    | 98.8 | X    | 98.9 | 98.7 | 29   |
| 2   | 6.6 | 14.1 | 98.7 | 98.8 | 98.8 | X    | 98.8 | X    | 30.8 |
| 2.3 | 6.7 | 13.7 | 98.8 | X    | X    | 98.1 | CIP  | 98.1 | 32.7 |
| 4   | 6.6 | 14.7 | 98.7 | X    | X    | 98   | CIP  | CIP  | 40.1 |
| 3.1 | 6.7 | 13.9 | X    | X    | X    | 98.1 | 98.5 | CIP  | 43.2 |
| 2.9 | 6.7 | 14.3 | 98.7 | X    | X    | X    | X    | 98.3 | 45.9 |
| 2.5 | 6.8 | 14.5 | X    | X    | X    | 97.9 | 98.4 | X    | 49.6 |
| 2.1 | 6.7 | 12.4 | 98.7 | X    | X    | X    | X    | 98.3 | 55.6 |
| 1.3 | 6.7 | 15.6 | X    | X    | X    | 98.2 | 98.6 | X    | 58.3 |
| 2   | 6.9 | 13.3 | 98.9 | X    | X    | X    | X    | 98.4 | 60.6 |
| 3.1 | 6.9 | 13.6 | X    | X    | X    | 98.1 | 98.6 | X    | 61.4 |
| 1.9 | 6.8 | 13.8 | 98.8 | X    | X    | X    | X    | 98.5 | 63   |
| 2.5 | 6.8 | 13.9 | X    | X    | X    | 98.2 | 98.4 | X    | 42.7 |
| 2.1 | 6.9 | 12.9 | 98.7 | X    | X    | X    | X    | 98.4 | 57.4 |
| 1.9 | 6.8 | 13.4 | X    | X    | CIP  | 98.3 | 98.5 | X    | 58   |
| 3.9 | 6.7 | 14.2 | 98.7 | X    | CIP  | X    | X    | 98.3 | 68.8 |
| 1.6 | 6.7 | 14.9 | X    | X    | X    | 98   | 98.6 | X    | 85.4 |
| 2.2 | 6.8 | 15.2 | X    | X    | 98.8 | X    | X    | 98.3 | 58.6 |
| 1.8 | 6.9 | 15.6 | X    | X    | X    | 98   | 98.4 | X    | 56.9 |
| 2.9 | 6.7 | 17.6 | X    | 98.5 | 98.4 | X    | X    | X    | 55.3 |
| 2.4 | 6.8 | 16.9 | 98.5 | CIP  | X    | 97.9 | X    | X    | 52.2 |
| 2.7 | 6.9 | 16.9 | 98.9 | CIP  | 98.2 | X    | X    | X    | 46.8 |
| 2.4 | 7   | 15.4 | CIP  | 98.6 | X    | 98.1 | X    | 98.1 | 45.1 |
| 2.5 | 6.9 | 15.8 | CIP  | 98.8 | 98.7 | X    | 98.6 | X    | 34.2 |
| 2.9 | 6.9 | 16.7 | 97.8 | X    | X    | 97.8 | X    | 98.1 | 31.8 |
| 3.2 | 7.1 | 15.5 | X    | X    | 98.6 | X    | X    | 97.9 | 31.4 |
| 1.6 | 7   | 17.1 | X    | 98.7 | 98.7 | X    | X    | 98.2 | 30.6 |
| 2.4 | 7   | 18.3 | 97.8 | X    | X    | 98   | 98.3 | X    | 28.1 |
| 2.6 | 6.9 | 18.7 | X    | 98.6 | 98.7 | X    | X    | 98.1 | 26.1 |
| 2.4 | 7   | 18.4 | 97.8 | X    | X    | 97.7 | 98.1 | X    | 27.6 |
| 3.4 | 6.7 | 17.2 | X    | 98.6 | 98.6 | X    | X    | 98.1 | 27.3 |
| 2.1 | 7   | 16.9 | 97.9 | X    | X    | 97.9 | 98.4 | X    | 27.8 |
| 2.4 | 6.9 | 16.6 | X    | 98.6 | 98.6 | X    | X    | 98   | 27.8 |
| 2.3 | 6.9 | 14.9 | 98   | X    | X    | 98.1 | 98.4 | X    | 31   |
| 2.6 | 6.9 | 15.9 | X    | 98.4 | 98.7 | X    | X    | 98.1 | 29   |
| 2.8 | 6.9 | 15.4 | 98.1 | X    | X    | 98.1 | 98.5 | X    | 30.2 |
| 2.7 | 6.8 | 14.8 | X    | 98.7 | 98.7 | CIP  | X    | 98.2 | 31.1 |
| 2.6 | 6.8 | 15.6 | 98.2 | X    | 98.7 | CIP  | 98.6 | X    | 34.6 |

|     |     |      |      |      |      |      |      |      |      |
|-----|-----|------|------|------|------|------|------|------|------|
| 3.4 | 6.9 | 16.5 | X    | 98.6 | X    | 97.5 | X    | 98.1 | 34.2 |
| 2.5 | 6.8 | 18.2 | 98   | X    | 98.7 | X    | 98.4 | X    | 34.7 |
| 2   | 6.7 | 18.7 | X    | 98.4 | X    | 97.7 | X    | 97.9 | 35.5 |
| 2.4 | 6.6 | 18.8 | X    | X    | X    | 97.6 | 98.1 | 97.8 | 33.5 |
| 2.2 | 6.6 | 18.1 | X    | 98.5 | 98.6 | X    | 98.3 | X    | 32.4 |
| 1.9 | 6.7 | 17.8 | 97.9 | X    | X    | 97.6 | X    | 98.1 | 32.8 |
| 1.7 | 6.6 | 17.5 | X    | 98.4 | 98.6 | X    | 98.5 | X    | 31.2 |
| 1.8 | 6.7 | 19.4 | 97.9 | X    | X    | 97.9 | X    | 98.1 | 27.8 |
| 1.6 | 6.7 | 17.9 | 98   | 98.5 | 98.6 | X    | X    | X    | 25.8 |
| 2.4 | 6.7 | 16   | X    | X    | X    | 97.7 | 98.5 | 98.1 | 25.8 |
| 3   | 6.5 | 15.9 | 98.1 | 98.7 | 98.6 | X    | X    | X    | 24.2 |
| 2   | 6.7 | 16.2 | X    | X    | X    | 97.9 | 98.5 | 98.1 | 21.3 |
| 2.7 | 6.7 | 16.4 | 98.2 | 98.7 | 98.7 | X    | X    | X    | 20.7 |
| 1.9 | 6.7 | 17.7 | X    | X    | X    | 97.9 | 98.5 | 98.1 | 19.9 |
| 1.9 | 6.6 | 17.5 | 98   | 98.6 | 98.7 | X    | X    | X    | 21.3 |
| 2.5 | 6.7 | 16.7 | X    | X    | X    | 97.7 | 98.3 | 98.1 | 20.3 |
| 2.6 | 6.7 | 13.1 | 98.2 | 98.7 | 98.8 | X    | X    | X    | 20.9 |
| 2.7 | 6.6 | 11.7 | X    | X    | X    | 98.3 | 98.5 | 98.2 | 17.7 |
| 1.9 | 6.6 | 15.6 | 98.2 | 98.8 | 98.7 | X    | X    | X    | 15.4 |
| 1.9 | 6.8 | 15.2 | X    | X    | X    | 98   | 98.5 | 97.9 | 14.5 |
| 1.4 | 6.6 | 15   | 98.2 | 98.8 | 98.8 | X    | X    | X    | 14.2 |
| 2.2 | 6.7 | 12.5 | X    | X    | X    | 98.3 | 98.7 | 98.5 | 10.7 |
| 2.9 | 6.9 | 15.6 | 98.4 | 98.8 | 98.7 | X    | X    | X    | 11.5 |
| 2.8 | 6.8 | 15.1 | X    | X    | X    | 98.2 | 98.5 | 98.3 | 9.7  |
| 3.4 | 6.7 | 15.4 | 98.4 | 98.7 | 98.8 | X    | X    | X    | 10.1 |
| 2.6 | 6.8 | 15.2 | X    | X    | X    | 97.9 | 98.6 | 98.4 | 8.8  |
| 2.5 | 6.9 | 13   | 98.4 | 98.9 | 98.8 | X    | X    | X    | 9    |
| 3.4 | 7   | 15.4 | X    | X    | X    | 98.1 | 98.3 | 98   | 11   |
| 2.3 | 7   | 16   | 98.3 | 98.8 | 98.8 | X    | X    | X    | 17.8 |
| 6.7 | 6.9 | 16.7 | X    | X    | X    | 98   | 98.7 | 98.3 | 19.2 |
| 2.5 | 6.9 | 16.9 | 98.2 | 98.8 | 98.9 | X    | X    | X    | 19.7 |
| 2.5 | 6.9 | 17.8 | 98.1 | X    | X    | 97.9 | 98.6 | 98.3 | 20.4 |
| 1.9 | 6.9 | 17.9 | 98.3 | 98.7 | 98.7 | CIP  | X    | X    | 22.1 |
| 1.9 | 7   | 19   | 98.1 | X    | X    | 97   | 98.4 | 98.1 | 21.8 |
| 2.2 | 7.1 | 18.4 | 97.9 | 98.6 | 98.6 | X    | X    | X    | 22.4 |
| 2.2 | 7.1 | 19.3 | X    | X    | X    | 97.5 | 98.3 | 98   | 26.6 |
| 2.6 | 7.1 | 18.8 | 97.9 | 98.5 | 98.5 | X    | X    | X    | 27.6 |
| 2.6 | 7   | 19.8 | X    | X    | 98.3 | 97.3 | 98.2 | 97.7 | 29.4 |
| 2.9 | 7   | 19.7 | 97.6 | 98.5 | 98.4 | X    | X    | CIP  | 30.6 |
| 2.4 | 7   | 19.3 | 97.7 | X    | X    | 97.3 | 98.2 | CIP  | 31.8 |
| 2.5 | 7.1 | 19.3 | X    | X    | 98.4 | 97.3 | X    | 97.7 | 35   |

|     |     |      |      |      |      |      |      |      |      |
|-----|-----|------|------|------|------|------|------|------|------|
| 2.8 | 7   | 17.5 | X    | 98.5 | X    | 97.5 | 98.3 | 97.9 | 33.2 |
| 2.4 | 7.2 | 18.5 | 98.1 | 98.5 | 98.4 | X    | X    | X    | 32.5 |
| 2.2 | 7   | 19.4 | 97.8 | X    | X    | 97.4 | 98.2 | 97.8 | 33.1 |
| 2.2 | 7.2 | 19.9 | 97.9 | 98.5 | 98.5 | X    | CIP  | X    | 31.3 |
| 2.4 | 7.1 | 20.6 | 97.9 | X    | 98.4 | 97.3 | CIP  | X    | 34.8 |
| 1.9 | 7   | 17.3 | X    | X    | X    | 97.4 | 98.2 | 97.9 | 37.9 |
| 1.8 | 7.1 | 18.3 | 97.9 | 98.5 | 98.6 | X    | X    | X    | 35.6 |
| 2.4 | 7.1 | 19.5 | X    | X    | X    | 97.3 | 98.1 | 97.7 | 35.7 |
| 2   | 7.1 | 20.5 | 97.8 | 98.4 | 98.4 | X    | X    | X    | 38.5 |
| 2.1 | 6.6 | 19.9 | X    | X    | 98.3 | X    | 97.9 | 97.3 | 41.7 |
| 1.9 | 6.9 | 21.3 | 97.1 | 98.2 | 98.4 | X    | X    | X    | 41.6 |

|     |     |      |      |      |      |      |      |      |      |
|-----|-----|------|------|------|------|------|------|------|------|
| 1.5 | 7   | 21.2 | 97.8 | X    | 98.4 | CIP  | 98   | X    | 38.2 |
| 1.4 | 7.1 | 22.3 | 97.7 | 98.4 | X    | CIP  | 97.9 | 97.6 | 44.5 |
| 1.7 | 7   | 21   | X    | X    | X    | 97.1 | 98   | 97.6 | 42.2 |
| 1.7 | 7.1 | 19.7 | 97.6 | 98.3 | X    | 97.1 | X    | X    | 37.6 |
| 1.4 | 7   | 18.5 | 97.6 | 98.3 | 98.1 | X    | X    | X    | 35.1 |
| 1.7 | 7   | 19.1 | X    | X    | X    | 97.1 | 97.7 | 97.4 | 37.6 |
| 2.1 | 6.8 | 22.1 | 97.3 | 98   | 98   | X    | X    | X    | 41.7 |
| 1.8 | 7.1 | 22.4 | X    | X    | X    | 96.9 | 97.7 | 97.3 | 37.6 |
| 2   | 7   | 22.3 | 97.6 | 98.2 | 98.1 | X    | X    | X    | 38.5 |
| 1.3 | 7   | 19.4 | X    | X    | X    | 97.5 | 97.7 | 97.1 | 38.5 |
| 1.8 | 7   | 20.3 | 97.5 | 98.1 | 98   | X    | X    | X    | 35.7 |
| 2.2 | 7.2 | 21.9 | X    | X    | X    | 96.9 | 97.8 | 97.3 | 36.5 |
| 1.5 | 7   | 20.5 | 97.2 | X    | 98   | X    | 97.7 | X    | 37.7 |
| 1.9 | 7   | 18.8 | X    | 98.1 | X    | 97.1 | 97.7 | 97.4 | 36.5 |
| 1.8 | 7   | 19.6 | X    | CIP  | X    | 97.4 | 98.1 | 97.6 | 39.5 |
| 1.7 | 7   | 21.2 | X    | CIP  | 98   | 97.1 | 97.9 | X    | 40.6 |
| 1.5 | 7.1 | 21.3 | X    | 97.8 | X    | X    | X    | 97.2 | 41.1 |
| 2   | 7.1 | 20.9 | X    | X    | X    | 97   | 97.8 | 97.3 | 33.8 |
| 1.3 | 7.2 | 19.3 | X    | 97.7 | 98   | X    | X    | X    | 36.9 |
| 1.7 | 7.1 | 19.3 | X    | 97.9 | 98.1 | 97   | 97.6 | X    | 36.2 |
| 1.6 | 7   | 20.4 | X    | 97.8 | X    | X    | 97.7 | 97.4 | 37.9 |
| 1.4 | 7   | 20.8 | 97.6 | 98   | 97.8 | X    | X    | X    | 32   |
| 1.6 | 7   | 20.8 | X    | X    | X    | 97.3 | 97.9 | 97.4 | 33.8 |
| 1.6 | 7.1 | 20.8 | 97.5 | 98.1 | 98.1 | X    | X    | X    | 30.2 |
| 1.9 | 7.1 | 21.4 | X    | X    | X    | 97.2 | 97.8 | 97.5 | 29.4 |
| 1.5 | 7.2 | 21.8 | 97.5 | 98   | 98   | X    | X    | X    | 31.6 |
| 2   | 7.1 | 19.7 | X    | X    | X    | 97   | 97.9 | 97.2 | 31   |
| 1.2 | 7   | 19.4 | 97.7 | 98.1 | 98.2 | X    | X    | X    | 28.8 |
| 2.4 | 7.2 | 18.1 | 97.5 | X    | X    | 97.6 | 98   | 97.6 | 29.8 |
| 1.3 | 7.2 | 21.3 | 97.7 | 98.2 | 97.9 | CIP  | X    | X    | 33.3 |
| 1.8 | 7.1 | 22.2 | X    | X    | 98.2 | X    | 97.9 | 97.5 | 32.3 |
| 1.7 | 7.3 | 23   | 97.5 | 98.1 | 98.1 | X    | X    | X    | 29.8 |
| 1.6 | 7.2 | 22.9 | X    | X    | X    | 96.8 | 97.8 | 97.2 | 28.9 |
| 1.3 | 7.1 | 22.8 | 97.2 | 97.9 | 97.7 | X    | X    | X    | 28   |
| 1.3 | 7   | 21.8 | X    | X    | X    | 96.4 | 97.5 | 96.8 | 26.6 |
| 1.9 | 7   | 23.1 | 97.5 | 98   | 97.9 | X    | X    | CIP  | 27.9 |
| 2.7 | 7.2 | 21.6 | X    | 98.2 | 98.2 | 97   | X    | CIP  | 30.8 |
| 2.1 | 7.3 | 21.8 | 97.9 | X    | X    | 97.3 | X    | 96.1 | 29.8 |
| 1.7 | 7.3 | 21.9 | X    | 98.4 | 98   | 97.2 | X    | X    | 26.5 |
| 2.1 | 7.5 | 22.3 | 98   | 98.4 | 98.4 | X    | X    | X    | 35.4 |
| 1.9 | 7.4 | 19.9 | 98   | 98.5 | X    | 97.4 | X    | X    | 37.4 |
| 1.9 | 7.4 | 20.8 | X    | 98.7 | X    | 97.1 | X    | 96.5 | 31   |
| 2.5 | 7.4 | 21   | 98   | X    | X    | 97.5 | CIP  | 96.6 | 23.9 |
| 2.1 | 7.4 | 22.6 | 98   | X    | CIP  | 96.9 | CIP  | 96.8 | 37.4 |
| 1.9 | 7.5 | 23.2 | 97.2 | CIP  | CIP  | X    | 96.6 | 95.8 | 43.5 |
| 2   | 7.3 | 23.1 | 97.5 | CIP  | 97.8 | 96.5 | 96.8 | X    | 36.1 |
| 2.6 | 7.4 | 22.9 | 97.5 | 97.8 | X    | CIP  | X    | 96.5 | 40.3 |
| 2   | 7.3 | 22.5 | X    | 97.9 | 97.7 | CIP  | 97   | X    | 46.3 |
| 2.5 | 7.4 | 22.8 | 97.8 | X    | 97.7 | X    | X    | 96.2 | 42.1 |
| 1.6 | 7.3 | 21.4 | 97.5 | 97.7 | 97.8 | X    | X    | X    | 33.9 |
| 1.4 | 7.5 | 20.9 | X    | X    | X    | 97   | 96.8 | 96.6 | 31.3 |
| 1.4 | 7.3 | 20.3 | 97.9 | 98.1 | 98   | X    | X    | X    | 41.8 |
| 1.3 | 7.4 | 21   | X    | X    | X    | 97.1 | 97.3 | 96.5 | 39.9 |

|      |     |      |      |      |      |      |      |      |       |
|------|-----|------|------|------|------|------|------|------|-------|
| 1.4  | 7.6 | 21   | 97.9 | 98.1 | 98.3 | X    | X    | X    | 43    |
|      |     |      |      |      |      |      |      |      | 95    |
|      |     |      |      |      |      |      |      |      | 106   |
|      |     |      |      |      |      |      |      |      | 110   |
|      |     |      |      |      |      |      |      |      | 119   |
|      |     |      |      |      |      |      |      |      | 125   |
|      |     |      |      |      |      |      |      |      | 136   |
|      |     |      |      |      |      |      |      |      | 144   |
| 1.62 | 8.6 | 24.2 | 97.8 | 98   | 97.9 | X    | X    | X    | 143.5 |
| 1.7  | 7.5 | 23.8 | X    | X    | X    | 96.6 | 97.3 | 93.9 | 95.9  |
| 2.3  | 7.5 | 23.7 | 97.7 | 97.9 | 97.8 | X    | X    | X    | 99    |
| 2.5  | 7.5 | 24   | X    | X    | X    | 96.7 | 97   | 96.3 | 98.7  |
| 2.5  | 7.5 | 24.4 | 97.3 | 97.7 | 97.6 | X    | X    | X    | 89.7  |
| 2.5  | 7.5 | 24.8 | X    | X    | X    | 96.1 | 96.8 | 96   | 99    |
| 2.4  | 7.5 | 24.6 | 97.1 | X    | 97   | X    | X    | 95.8 | 97    |
| 2    | 7.5 | 23.9 | X    | X    | 97.6 | 95.9 | 96.6 | X    | 99    |
| 1.8  | 7.4 | 26.3 | 97.2 | 97.5 | X    | X    | X    | 95.8 | 65.6  |
| 2.4  | 7.4 | 26.5 | X    | X    | X    | 96.3 | 96.7 | 95.8 | 97.9  |
| 2.4  | 7.5 | 26.2 | 97.5 | 97.9 | 97.7 | X    | X    | X    | 98.6  |
| 2.4  | 7.4 | 25.4 | X    | X    | X    | 95.5 | 96.2 | 95.4 | 101   |
| 2    | 7.4 | 24.2 | 96.7 | 97.2 | 97.1 | 95.7 | X    | X    | 94.6  |
| 1.8  | 7.3 | 23.9 | X    | X    | 97.2 | X    | 96.7 | 96.2 | 95.3  |
| 2.2  | 7.3 | 23.7 | X    | 97.4 | X    | CIP  | 96.9 | 96.2 | 102   |
| 2.4  | 7.4 | 24.9 | CIP  | 97.9 | 97.8 | CIP  | 97.2 | X    | 98    |
| 1.8  | 7.3 | 24.1 | CIP  | X    | X    | 96.2 | 97.2 | 96.5 | 95    |
| 1.7  | 7.5 | 25   | 97.5 | 98   | 98.2 | 95.7 | X    | X    | 93    |
| 1.6  | 7.5 | 24.9 | 97.3 | 97.9 | CIP  | X    | X    | 95.2 | 98    |
| 2.2  | 7.6 | 26.1 | X    | X    | CIP  | 95.2 | 97.2 | 96.5 | 94    |
| 2.6  | 7.6 | 25.9 | 97.3 | 97.9 | 97.8 | X    | X    | X    | 96    |
| 2.7  | 7.5 | 25.3 | X    | X    | X    | 95.9 | 96.5 | 96.6 | 97    |
| 2.6  | 7.5 | 26.5 | 97.1 | 97.8 | 97.3 | X    | X    | X    | 95    |
| 1.8  | 7.5 | 26.8 | 96.7 | X    | X    | 95.4 | 96.7 | 95.6 | 92    |
| 2.4  | 7.4 | 27.2 | 96.9 | 97.5 | 97.3 | X    | CIP  | X    | 95    |
| 2.5  | 7.6 | 26   | 96.7 | 97.4 | X    | 94.5 | 96   | X    | 99    |
| 1.9  | 7.5 | 26.8 | X    | 97.4 | 97.4 | CIP  | 96.6 | X    | 88    |
| 2.1  | 7.6 | 26   | X    | X    | X    | CIP  | 96.4 | 96.1 | 105   |
| 1.7  | 7.4 | 26.5 | 96.8 | X    | X    | 95.8 | X    | X    | 109   |
| 2    | 7.3 | 27.9 | X    | X    | X    | X    | 96.2 | 95.3 | 107   |
| 1.6  | 7.4 | 28.4 | 96.3 | 96.9 | X    | X    | X    | X    | 114   |
| 1.8  | 7.3 | 28.3 | X    | X    | X    | X    | 96.9 | 95.5 | 115   |
| 2.3  | 7.3 | 27.2 | 97.2 | X    | 97.4 | X    | X    | X    | 107   |
| 2.1  | 7.2 | 27.2 | X    | X    | X    | 95.8 | 97   | 96.1 | 107   |
| 2.5  | 7.4 | 25.9 | X    | 96.9 | 97.1 | X    | X    | X    | 101   |
| 1.9  | 7.4 | 27.3 | 97   | X    | X    | X    | 96.7 | X    | 96    |
| 1.7  | 7.4 | 26.1 | X    | X    | 97.3 | X    | X    | 96.1 | 94    |
| 1.3  | 7.3 | 24.8 | X    | 97.5 | X    | X    | 97   | X    | 93    |
| 1.9  | 7.4 | 26.2 | 97.4 | X    | 97.6 | X    | X    | X    | 95    |
| 1.6  | 7.6 | 25.2 | X    | X    | X    | X    | 97.1 | 96.3 | 90    |
| 1.8  | 7.4 | 25.9 | 97.4 | 97.6 | X    | X    | X    | X    | 89    |
| 1.6  | 7.4 | 26.2 | X    | X    | X    | X    | 96.9 | 95.5 | 57    |
| 1.7  | 7.5 | 27.6 | 96.9 | X    | 97.4 | X    | X    | X    | 92    |
| 1.8  | 7.5 | 27.6 | X    | 97.3 | X    | X    | 96.8 | X    | 84    |
| 1.5  | 7.3 | 27.3 | X    | X    | 96.9 | X    | X    | 96.3 | 83    |

|     |     |      |      |      |      |      |      |      |    |
|-----|-----|------|------|------|------|------|------|------|----|
| 1.5 | 7.4 | 28.3 | 96.9 | 97.3 | X    | X    | X    | X    | 82 |
| 1.4 | 7.4 | 27.4 | X    | X    | X    | 94.3 | 96.5 | X    | 81 |
| 1.4 | 7.5 | 29   | X    | X    | 97.1 | X    | X    | 95.6 | 78 |
| 1.4 | 7.3 | 28   | X    | X    | X    | 93.8 | 96.7 | X    | 74 |
| 1.4 | 7.5 | 26.1 | 96.7 | X    | 97.1 | X    | X    | X    | 77 |
| 0.8 | 7.2 | 30.7 | X    | 98.6 | X    | 97.2 | X    | X    | 75 |

| Dr Box  | 2010 Settled Water |    | 2010 Filtrate |              |              |              |              | 2010 Combined Filtrate |    |      |
|---------|--------------------|----|---------------|--------------|--------------|--------------|--------------|------------------------|----|------|
| 3       | 6                  | 6  | 96            | 96           | 96           | 96           | 96           | 3                      | 3  | 3    |
| Alk     | Turbidity (NTU)    | pH | Filter 1 NTU  | Filter 2 NTU | Filter 3 NTU | Filter 4 NTU | Filter 5 NTU | Total Cl2              | pH | Temp |
| 1.73759 |                    |    |               |              |              |              |              |                        |    |      |
| 1.73409 |                    |    |               |              |              |              |              |                        |    |      |

|     |     |     |       |       |       |   |   |     |     |      |
|-----|-----|-----|-------|-------|-------|---|---|-----|-----|------|
| 105 | 6.9 | 8.8 | 0.052 | 0.055 | 0.080 | X | X | 2.7 | 8.7 | 26.7 |
|-----|-----|-----|-------|-------|-------|---|---|-----|-----|------|

|     |     |     |       |       |       |       |       |     |     |      |
|-----|-----|-----|-------|-------|-------|-------|-------|-----|-----|------|
| 110 | 4.9 | 9.3 | 0.047 | 0.050 | 0.056 | 0.063 | X     | 3.2 | 9.2 | 27.1 |
| 109 | 3.4 | 9.2 | 0.040 | 0.043 | 0.046 | 0.048 | X     | 3.4 | 9.2 | 27.1 |
| 108 | 3.3 | 9.1 | 0.038 | 0.040 | 0.043 | 0.044 | 0.103 | 3.7 | 9   | 27.6 |
| 107 | 3.2 | 9.3 | 0.050 | 0.052 | 0.041 | 0.042 | 0.047 | 3.6 | 9.3 | 28.2 |
| 110 | 3.7 | 9.2 | 0.044 | 0.048 | 0.067 | 0.041 | 0.042 | 35  | 9.1 | 27.9 |
| 111 | 3.8 | 9.1 | 0.042 | 0.045 | 0.055 | X     | 0.037 | 3.5 | 9.1 | 25   |
| 108 | 3.8 | 9.2 | 0.037 | 0.039 | 0.044 | 0.069 | 0.033 | 3.4 | 9.1 | 25.1 |
| 104 | 3.6 | 9.3 | 0.050 | 0.039 | 0.043 | 0.051 | 0.054 | 3   | 9.2 | 25.2 |
| 101 | 3.7 | 9.2 | 0.043 | 0.051 | 0.042 | 0.046 | 0.038 | 3.2 | 98  | 25   |
| 103 | 2.8 | 9.3 | 0.035 | 0.040 | X     | 0.040 | 0.032 | 3.3 | 9.2 | 24.1 |
| 95  | 3.8 | 9.2 | 0.034 | 0.037 | 0.085 | 0.040 | 0.031 | 3.1 | 9.2 | 25.1 |
| 102 | 3.3 | 9.1 | 0.035 | 0.035 | 0.046 | 0.057 | 0.039 | 2.6 | 9.1 | 26.8 |
| 104 | 2.5 | 8.9 | 0.072 | 0.037 | 0.043 | 0.050 | 0.043 | 2.4 | 9   | 27.4 |
| 106 | 1.6 | 8.9 | 0.048 | X     | 0.043 | 0.049 | 0.039 | 2.6 | 8.8 | 27.1 |
| 141 | 2.4 | 9   | 0.045 | 0.071 | 0.043 | 0.048 | 0.038 | 3.3 | 8.9 | 28.5 |
| 103 | 1.7 | 8.9 | 0.045 | 0.062 | 0.069 | 0.054 | 0.039 | 3.5 | 8.9 | 28.3 |
| 99  | 2.1 | 9.1 | 0.041 | 0.047 | 0.054 | 0.063 | 0.055 | 3.2 | 9   | 28.2 |
| 99  | 1.2 | 9.2 | X     | 0.043 | 0.049 | 0.054 | 0.045 | 3.9 | 9.1 | 29.1 |
| 98  | 1   | 9.1 | 0.063 | 0.059 | 0.062 | 0.065 | 0.040 | 3.6 | 9   | 28.2 |
| 96  | 1   | 9.2 | 0.044 | 0.046 | 0.050 | 0.054 | 0.035 | 4   | 9.1 | 26.8 |
| 93  | 1.3 | 9.2 | 0.040 | 0.041 | 0.045 | 0.049 | 0.042 | 3.4 | 9.1 | 26   |
| 101 | 1.3 | 9.2 | 0.039 | 0.040 | 0.044 | 0.048 | 0.043 | 2.7 | 9.2 | 25.7 |
| 94  | 1.2 | 9.2 | 0.051 | 0.050 | 0.053 | 0.056 | 0.038 | 3.3 | 9.1 | 26.6 |
| 96  | 1.9 | 9.1 | 0.051 | 0.051 | 0.056 | 0.061 | 0.039 | 3.5 | 9.1 | 26.3 |
| 89  | 0.8 | 9.1 | 0.051 | 0.050 | 0.055 | 0.059 | 0.045 | 3.9 | 9.2 | 26.7 |
| 97  | 1.5 | 9.1 | 0.053 | 0.052 | 0.058 | 0.062 | 0.061 | 4   | 9.1 | 26.7 |
| 94  | 1.6 | 9.2 | 0.068 | 0.067 | 0.063 | 0.074 | 0.052 | 3.3 | 9.2 | 26.5 |
| 96  | 1.5 | 9.2 | 0.062 | 0.058 | 0.068 | 0.077 | 0.053 | 2.8 | 9.1 | 28.4 |
| 98  | 1.3 | 9.3 | 0.059 | 0.056 | 0.065 | 0.071 | 0.053 | 3.1 | 9.3 | 28.3 |
| 96  | 2.8 | 9.3 | 0.078 | 0.072 | 0.065 | 0.070 | 0.073 | 3.5 | 8.7 | 28.9 |
| 89  | 2.3 | 9.2 | 0.065 | 0.065 | 0.082 | 0.069 | 0.057 | 3.7 | 9.3 | 27.1 |
| 97  | 1.4 | 9.2 | 0.056 | 0.055 | 0.068 | 0.077 | 0.050 | 3.9 | 9.3 | 28.3 |
| 96  | 2.5 | 9.3 | 0.072 | 0.073 | 0.063 | 0.068 | 0.056 | 3.9 | 9.3 | 28.1 |
| 93  | 2.4 | 9.2 | 0.074 | 0.067 | 0.087 | 0.095 | 0.083 | 3.7 | 9.2 | 27.9 |
| 90  | 2.3 | 9.3 | 0.058 | 0.075 | 0.067 | 0.070 | 0.059 | 3.7 | 9.3 | 28   |
| 96  | 2.4 | 9.3 | 0.078 | 0.065 | 0.070 | 0.079 | 0.064 | 3.5 | 9.1 | 27   |
| 93  | 3.3 | 9.3 | 0.071 | 0.083 | 0.081 | 0.084 | 0.080 | 3.4 | 9.1 | 28.8 |
| 85  | 2.6 | 9.4 | 0.086 | 0.088 | 0.090 | 0.092 | 0.068 | 3.4 | 9.2 | 27   |
| 89  | 3.3 | 9.4 | 0.050 | 0.053 | 0.057 | 0.060 | 0.061 | 3.9 | 9.1 | 27.7 |
| 93  | 3.7 | 9.4 | 0.058 | 0.047 | 0.052 | 0.065 | 0.043 | 3.8 | 9.2 | 28   |
| 88  | 3.9 | 9.4 | 0.049 | 0.042 | 0.066 | 0.064 | 0.052 | 3.6 | 9.2 | 27.8 |
| 85  | 4.4 | 9.5 | 0.053 | 0.044 | 0.052 | 0.056 | 0.055 | 3.3 | 9.2 | 27.5 |
| 95  | 3.7 | 9.4 | 0.053 | 0.043 | 0.060 | 0.066 | 0.045 | 3.4 | 9.2 | 28.3 |
| 94  | 2.2 | 9.3 | 0.050 | 0.040 | 0.066 | 0.067 | 0.059 | 3.6 | 9.2 | 27.9 |
| 98  | 1.9 | 9.2 | 0.079 | 0.065 | 0.066 | 0.069 | 0.075 | 3.6 | 9.2 | 27.8 |
| 98  | 1.5 | 9.2 | 0.069 | 0.058 | 0.081 | 0.093 | 0.064 | 3.9 | 9.1 | 27.4 |
| 99  | 1.6 | 9.1 | 0.074 | 0.063 | 0.088 | 0.081 | 0.077 | 3.8 | 9.1 | 28.3 |
| 95  | 1.3 | 9.2 | 0.086 | 0.077 | 0.072 | 0.087 | 0.078 | 3.8 | 9.1 | 28.7 |
| 94  | 0.9 | 9.2 | 0.082 | 0.077 | 0.092 | 0.083 | 0.085 | 3.7 | 9.2 | 28.5 |
| 96  | 1.2 | 9.2 | 0.088 | 0.070 | 0.093 | 0.099 | 0.080 | 3.9 | 9.2 | 27.4 |
| 97  | 0.9 | 9.1 | 0.079 | 0.061 | 0.077 | 0.095 | 0.074 | 4   | 9   | 26.6 |
| 97  | 0.8 | 9.1 | 0.077 | 0.071 | 0.084 | 0.088 | 0.079 | 4.1 | 9   | 26   |
| 92  | 1.3 | 9.1 | 0.087 | 0.065 | 0.081 | 0.076 | 0.083 | 4.2 | 9   | 28.2 |

|     |      |     |       |       |       |       |       |     |     |      |
|-----|------|-----|-------|-------|-------|-------|-------|-----|-----|------|
| 95  | 1.1  | 9.2 | 0.069 | 0.058 | 0.069 | 0.088 | 0.067 | 3.8 | 9   | 28.7 |
| 90  | 0.94 | 9.1 | 0.081 | 0.075 | 0.090 | 0.081 | 0.076 | 3.8 | 9.1 | 28   |
| 87  | 0.85 | 9.3 | 0.072 | 0.061 | 0.075 | 0.073 | 0.075 | 3.8 | 9.1 | 27.4 |
| 97  | 0.88 | 9.3 | 0.071 | 0.072 | 0.077 | 0.082 | 0.072 | 3.5 | 9.2 | 27.8 |
| 99  | 0.97 | 9.1 | 0.096 | 0.105 | 0.107 | 0.108 | 0.097 | 2.9 | 9.1 | 27   |
| 95  | 1    | 9.3 | 0.073 | 0.075 | 0.079 | 0.083 | 0.072 | 4.4 | 9.1 | 24.8 |
| 95  | 1    | 9.2 | 0.098 | 0.094 | 0.099 | 0.095 | 0.096 | 4.6 | 9   | 25.2 |
| 99  | 1.1  | 9.1 | 0.102 | 0.106 | 0.109 | 0.111 | 0.102 | 3.9 | 9   | 26.1 |
| 95  | 1.5  | 9.2 | 0.087 | 0.092 | 0.097 | 0.102 | 0.091 | 3.5 | 9   | 27.5 |
| 99  | 1.2  | 9.2 | 0.099 | 0.106 | 0.114 | 0.116 | 0.100 | 3.7 | 9   | 26.7 |
| 102 | 1.3  | 9.2 | 0.122 | 0.127 | 0.131 | 0.125 | 0.095 | 4.6 | 9   | 25.5 |
| 102 | 1.3  | 9.2 | 0.113 | 0.122 | 0.118 | 0.123 | 0.097 | 4.5 | 9   | 24.3 |
| 103 | 1.2  | 9.3 | 0.119 | 0.109 | 0.132 | 0.147 | 0.115 | 3.9 | 8.9 | 21.2 |
| 102 | 1.7  | 9.2 | 0.120 | 0.128 | 0.130 | 0.107 | 0.095 | 3.4 | 9   | 22.6 |
| 103 | 1.5  | 9.1 | 0.095 | 0.099 | 0.115 | 0.138 | 0.105 | 3.7 | 9   | 24.2 |
| 101 | 1.2  | 9.2 | 0.082 | 0.089 | 0.090 | 0.095 | 0.073 | 3.5 | 9.1 | 24.3 |
| 98  | 1.1  | 9.2 | 0.081 | 0.086 | 0.112 | 0.108 | 0.088 | 3.9 | 9.1 | 24.9 |
| 102 | 0.88 | 9.1 | 0.088 | 0.093 | 0.104 | 0.093 | 0.080 | 4.5 | 9.1 | 25.6 |
| 101 | 0.84 | 9.1 | 0.074 | 0.079 | 0.088 | 0.097 | 0.077 | 4.1 | 9.1 | 24.8 |
| 102 | 1    | 9.1 | 0.065 | 0.068 | 0.076 | 0.087 | 0.062 | 4.1 | 9.2 | 25.5 |
| 106 | 1.2  | 9   | 0.062 | 0.065 | 0.071 | 0.077 | 0.057 | 3.6 | 9   | 26.4 |
| 102 | 1.2  | 9.2 | 0.091 | 0.080 | 0.094 | 0.077 | 0.071 | 3.8 | 9.2 | 25.6 |
| 96  | 1.3  | 9.2 | 0.072 | 0.076 | 0.081 | 0.083 | 0.072 | 2.5 | 9.2 | 23.5 |
| 99  | 1.5  | 9.1 | 0.064 | 0.069 | 0.076 | 0.088 | 0.062 | 3.9 | 9.2 | 30   |
| 102 | 1.3  | 9.1 | 0.059 | 0.063 | 0.069 | 0.076 | 0.055 | 3.6 | 9.1 | 24   |
| 107 | 1.3  | 9.1 | 0.082 | 0.077 | 0.073 | 0.072 | 0.052 | 3.9 | 9.2 | 24.3 |
| 105 | 1.2  | 9.1 | 0.073 | 0.082 | 0.097 | 0.093 | 0.080 | 4.5 | 9.1 | 24.1 |
| 106 | 1.2  | 9.1 | 0.061 | 0.066 | 0.073 | 0.084 | 0.060 | 3.8 | 9.1 | 24.5 |
| 103 | 1.1  | 9   | 0.058 | 0.061 | 0.068 | 0.075 | 0.054 | 3.8 | 9.1 | 24.8 |
| 100 | 1.1  | 9   | 0.071 | 0.069 | 0.064 | 0.069 | 0.051 | 3.4 | 9.1 | 24.4 |
| 103 | 1.1  | 9.2 | 0.070 | 0.078 | 0.086 | 0.079 | 0.070 | 4   | 9.2 | 25   |
| 102 | 1.1  | 9.2 | 0.062 | 0.066 | 0.073 | 0.085 | 0.061 | 3.7 | 9.2 | 24.4 |
| 103 | 0.99 | 9.2 | 0.057 | 0.060 | 0.066 | 0.072 | 0.053 | 3.2 | 9.2 | 23.1 |
| 100 | 0.79 | 9.2 | 0.079 | 0.063 | 0.069 | 0.075 | 0.058 | 3.5 | 9.1 | 22.8 |
| 102 | 1.2  | 9.2 | 0.076 | 0.102 | 0.103 | 0.079 | 0.084 | 3.6 | 9   | 18.1 |
| 102 | 1    | 9.2 | 0.073 | 0.080 | 0.086 | 0.109 | 0.077 | 4.4 | 9.1 | 23.3 |
| 104 | 0.98 | 9.1 | 0.075 | 0.083 | 0.087 | 0.096 | 0.076 | 3.8 | 9.1 | 23.5 |
| 102 | 1.1  | 9   | 0.077 | 0.079 | 0.083 | 0.089 | 0.071 | 3.6 | 9   | 27.3 |
| 102 | 1.1  | 9   | 0.098 | 0.102 | 0.101 | 0.078 | 0.086 | 3.6 | 9   | 24.2 |
| 104 | 1.29 | 9.1 | 0.072 | 0.081 | 0.086 | 0.098 | 0.075 | 3.9 | 9.1 | 23.2 |
| 99  | 0.98 | 9.2 | 0.065 | 0.071 | 0.075 | 0.083 | 0.063 | 4.3 | 9.1 | 21.3 |
| 104 | 1.01 | 9.1 | 0.065 | 0.063 | 0.066 | 0.071 | 0.054 | 4.1 | 8.9 | 21.7 |
| 105 | 0.83 | 9.2 | 0.085 | 0.088 | 0.081 | 0.068 | 0.071 | 3.9 | 8.9 | 20.6 |
| 102 | 0.76 | 9.1 | 0.066 | 0.074 | 0.078 | 0.099 | 0.068 | 3.9 | 8.9 | 19.9 |
| 104 | 1.01 | 9.2 | 0.058 | 0.063 | 0.064 | 0.074 | 0.055 | 3.8 | 8.8 | 21.3 |
| 101 | 1.7  | 9.1 | 0.056 | 0.059 | 0.080 | 0.069 | 0.051 | 3.6 | 8.9 | 20.6 |
| 104 | 0.99 | 9.1 | 0.089 | 0.084 | 0.082 | 0.071 | 0.061 | 3.7 | 8.9 | 20.9 |
| 102 | 0.62 | 9.2 | 0.075 | 0.084 | 0.073 | 0.098 | 0.079 | 3.5 | 8.9 | 21.4 |
| 102 | 1.07 | 9.2 | 0.069 | 0.075 | 0.069 | 0.089 | 0.066 | 9.8 | 8.9 | 21.3 |
| 103 | 0.94 | 9.2 | 0.070 | 0.068 | 0.083 | 0.079 | 0.060 | 3.6 | 8.9 | 21.3 |
| 105 | 0.75 | 9.2 | 0.094 | 0.081 | 0.085 | 0.075 | 0.055 | 3.6 | 9   | 20.9 |
| 106 | 0.66 | 9.2 | 0.076 | 0.087 | 0.076 | 0.089 | 0.087 | 3.5 | 9   | 21.6 |
| 106 | 0.8  | 9.1 | 0.064 | 0.069 | 0.065 | 0.087 | 0.059 | 3.9 | 9   | 22.2 |

|     |      |     |       |       |       |       |       |     |     |      |
|-----|------|-----|-------|-------|-------|-------|-------|-----|-----|------|
| 96  | 0.77 | 9.1 | 0.059 | 0.061 | 0.070 | 0.074 | 0.051 | 3.5 | 9.1 | 22.2 |
| 101 | 0.94 | 9.1 | 0.082 | 0.067 | 0.080 | 0.072 | 0.051 | 3.3 | 9.1 | 22.4 |
| 104 | 0.7  | 9.1 | 0.069 | 0.084 | 0.069 | 0.079 | 0.072 | 3.4 | 9.1 | 22   |
| 104 | 0.8  | 9.1 | 0.066 | 0.072 | 0.066 | 0.091 | 0.065 | 3.4 | 9   | 23.1 |
| 106 | 0.72 | 9.2 | 0.067 | 0.068 | 0.073 | 0.084 | 0.061 | 3.4 | 9.1 | 22.1 |
| 107 | 0.87 | 9.2 | 0.095 | 0.070 | 0.105 | 0.084 | 0.061 | 3.5 | 9   | 20.9 |
| 104 | 0.72 | 9.2 | 0.080 | 0.093 | 0.078 | 0.076 | 0.077 | 3.4 | 9   | 21   |
| 107 | 0.84 | 9.2 | 0.076 | 0.082 | 0.076 | 0.104 | 0.075 | 3.5 | 9   | 19.6 |
| 106 | 0.69 | 9.1 | 0.075 | 0.078 | 0.074 | 0.092 | 0.068 | 3.8 | 8.9 | 18   |
| 104 | 0.71 | 9.2 | 0.097 | 0.080 | 0.109 | 0.085 | 0.059 | 3.6 | 8.8 | 18.4 |
| 103 | 0.83 | 9.2 | 0.086 | 0.096 | 0.084 | 0.086 | 0.073 | 3.8 | 8.8 | 18.5 |
| 92  | 0.79 | 9.1 | 0.078 | 0.079 | 0.077 | 0.106 | 0.074 | 3.7 | 8.9 | 16.6 |
| 93  | 0.82 | 9   | 0.071 | 0.071 | 0.074 | 0.088 | 0.066 | 3.7 | 8.8 | 17.5 |
| 107 | 0.9  | 8.9 | 0.092 | 0.072 | 0.102 | 0.080 | 0.059 | 4.1 | 8.9 | 17.7 |
| 118 | 1.03 | 9.1 | 0.083 | 0.096 | 0.079 | 0.077 | 0.063 | 3.7 | 9   | 17   |
| 101 | 1.04 | 9.1 | 0.075 | 0.076 | 0.073 | 0.106 | 0.069 | 3.9 | 8.9 | 17.9 |
| 106 | 1.18 | 9.1 | 0.080 | 0.081 | 0.087 | 0.098 | 0.074 | 3.9 | 8.9 | 18.6 |
| 104 | 1.06 | 9.1 | 0.105 | 0.082 | 0.128 | 0.098 | 0.074 | 3.9 | 8.9 | 18.6 |
| 106 | 1.16 | 9.2 | 0.120 | 0.129 | 0.107 | 0.100 | 0.077 | 3.7 | 8.9 | 15.6 |
| 104 | 1.32 | 9.1 | 0.092 | 0.100 | 0.092 | 0.124 | 0.101 | 3.9 | 8.9 | 12.7 |
| 103 | 1.3  | 9.2 | 0.083 | 0.086 | 0.088 | 0.105 | 0.085 | 3.6 | 8.8 | 11.3 |
| 102 | 1.5  | 9.1 | 0.081 | 0.073 | 0.104 | 0.087 | 0.071 | 3.6 | 9.1 | 10.8 |
| 106 | 1.3  | 9.1 | 0.093 | 0.097 | 0.085 | 0.082 | 0.066 | 3.4 | 9.1 | 12.1 |
| 100 | 1.26 | 9.2 | 0.081 | 0.087 | 0.077 | 0.101 | 0.094 | 3.9 | 9.3 | 11.1 |
| 102 | 1.07 | 9.3 | 0.065 | 0.068 | 0.067 | 0.083 | 0.065 | 4.1 | 9.3 | 10.4 |
| 99  | 1.15 | 9.2 | 0.061 | 0.064 | 0.092 | 0.076 | 0.060 | 4   | 9.1 | 11.6 |
| 106 | 1.08 | 9.2 | 0.087 | 0.082 | 0.076 | 0.075 | 0.060 | 3.9 | 9.1 | 12.7 |
| 108 | 1.1  | 9.1 | 0.079 | 0.084 | 0.079 | 0.096 | 0.085 | 3.8 | 9   | 16.9 |
| 113 | 0.97 | 9   | 0.081 | 0.082 | 0.083 | 0.108 | 0.078 | 3.9 | 8.9 | 15.9 |
| 114 | 1.14 | 9   | 0.079 | 0.079 | 0.112 | 0.101 | 0.074 | 4   | 9   | 15.8 |
| 116 | 1.09 | 9.1 | 0.097 | 0.091 | 0.091 | 0.089 | 0.065 | 3.9 | 9   | 15.7 |
| 117 | 1    | 9   | 0.097 | 0.098 | 0.094 | 0.101 | 0.092 | 4.2 | 9   | 14.5 |
| 121 | 0.95 | 9   | 0.089 | 0.084 | 0.075 | 0.119 | 0.087 | 3.8 | 9   | 14.2 |
| 122 | 0.96 | 9   | 0.083 | 0.071 | 0.081 | 0.100 | 0.076 | 4   | 9   | 13.4 |
| 118 | 0.98 | 9   | 0.096 | 0.077 | 0.075 | 0.092 | 0.070 | 3.8 | 9   | 13.8 |
| 119 | 0.98 | 9.1 | 0.091 | 0.087 | 0.067 | 0.092 | 0.091 | 4   | 9.1 | 13.8 |
| 123 | 0.98 | 9.1 | 0.086 | 0.078 | 0.064 | 0.115 | 0.084 | 3.7 | 9.1 | 17   |
| 123 | 1.3  | 9.2 | 0.097 | 0.085 | 0.075 | 0.098 | 0.077 | 4   | 9.1 | 17.1 |
| 120 | 1.4  | 9.2 | 0.109 | 0.098 | 0.084 | 0.109 | 0.095 | 3.9 | 9.2 | 10.8 |
| 121 | 0.93 | 9   | 0.097 | 0.088 | 0.093 | 0.127 | 0.100 | 3.9 | 8.9 | 11.6 |
| 124 | 0.99 | 9.1 | 0.095 | 0.105 | 0.114 | 0.110 | 0.089 | 3.9 | 9.1 | 13   |
| 130 | 3.2  | 9.2 | 0.105 | 0.090 | 0.091 | 0.094 | 0.093 | 3.7 | 9.3 | 14.1 |
| 128 | 2.4  | 9.1 | 0.111 | 0.117 | 0.133 | 0.126 | 0.096 | 4   | 9.1 | 15   |
| 126 | 1.13 | 8.9 | 0.115 | 0.102 | 0.109 | 0.114 | 0.104 | 4.1 | 8.9 | 15.2 |
| 124 | 2.8  | 8.9 | 0.136 | 0.121 | 0.159 | 0.181 | 0.145 | 4.3 | 8.9 | 13.9 |
| 132 | 0.74 | 8.9 | 0.134 | 0.124 | 0.112 | 0.120 | 0.107 | 4.1 | 8.8 | 14.8 |
| 128 | 0.85 | 8.8 | 0.107 | 0.098 | 0.103 | 0.108 | 0.089 | 3.9 | 8.8 | 15.1 |
| 126 | 0.91 | 9   | 0.092 | 0.085 | 0.119 | 0.112 | 0.079 | 3.7 | 9   | 15.4 |
| 126 | 0.71 | 9.1 | 0.090 | 0.092 | 0.108 | 0.124 | 0.102 | 3.8 | 9.1 | 15.6 |
| 126 | 0.9  | 9.1 | 0.111 | 0.089 | 0.091 | 0.100 | 0.084 | 4   | 9.2 | 16   |
| 124 | 1    | 9.1 | 0.087 | 0.074 | 0.092 | 0.091 | 0.074 | 3.7 | 9.1 | 16.6 |
| 126 | 1.2  | 9.1 | 0.085 | 0.091 | 0.108 | 0.112 | 0.082 | 3.6 | 9.1 | 16.6 |
| 130 | 1.2  | 9   | 0.119 | 0.091 | 0.097 | 0.109 | 0.094 | 3.6 | 9   | 15.3 |

|     |      |     |       |       |       |       |       |     |     |      |
|-----|------|-----|-------|-------|-------|-------|-------|-----|-----|------|
| 126 | 1    | 8.9 | 0.096 | 0.082 | 0.092 | 0.100 | 0.081 | 3.8 | 8.9 | 14.5 |
| 124 | 0.97 | 8.7 | 0.082 | 0.081 | 0.110 | 0.103 | 0.069 | 3.6 | 8.9 | 14   |
| 126 | 1.05 | 8.9 | 0.066 | 0.093 | 0.080 | 0.089 | 0.066 | 3.7 | 8.9 | 13.7 |
| 123 | 0.67 | 9   | 0.084 | 0.072 | 0.070 | 0.077 | 0.084 | 4   | 9   | 13.8 |
| 118 | 0.5  | 9.1 | 0.066 | 0.062 | 0.062 | 0.068 | 0.066 | 3.9 | 9   | 14   |
| 122 | 0.65 | 9.1 | 0.059 | 0.059 | 0.075 | 0.075 | 0.060 | 4.1 | 9   | 12.7 |
| 149 | 0.88 | 9   | 0.067 | 0.094 | 0.081 | 0.092 | 0.068 | 3.8 | 9.1 | 13.5 |
| 122 | 0.83 | 9.1 | 0.073 | 0.066 | 0.064 | 0.070 | 0.080 | 4   | 9.1 | 13.7 |
| 127 | 0.86 | 9.1 | 0.068 | 0.064 | 0.063 | 0.069 | 0.065 | 3.8 | 9.1 | 12.5 |
| 126 | 0.86 | 9   | 0.064 | 0.073 | 0.087 | 0.082 | 0.062 | 3.7 | 9   | 12.9 |
| 124 | 0.78 | 9.1 | 0.060 | 0.070 | 0.066 | 0.073 | 0.056 | 3.8 | 9.1 | 12.8 |
| 127 | 0.98 | 9.1 | 0.075 | 0.067 | 0.064 | 0.072 | 0.080 | 3.7 | 9.1 | 11.6 |
| 130 | 0.75 | 9.1 | 0.065 | 0.063 | 0.063 | 0.069 | 0.066 | 3.2 | 9   | 10.9 |
| 127 | 0.8  | 9.3 | 0.060 | 0.059 | 0.086 | 0.081 | 0.061 | 3.2 | 9.1 | 10.9 |
| 125 | 1.1  | 9.1 | 0.060 | 0.088 | 0.074 | 0.080 | 0.059 | 4   | 9.2 | 11.1 |
| 133 | 1.1  | 9.2 | 0.092 | 0.073 | 0.074 | 0.079 | 0.088 | 4.2 | 9.2 | 9.1  |
| 151 | 1.15 | 9.1 | 0.088 | 0.080 | 0.083 | 0.087 | 0.087 | 3.9 | 9.1 | 9.1  |
| 149 | 1.2  | 9.1 | 0.085 | 0.080 | 0.111 | 0.103 | 0.083 | 4   | 9.1 | 9.8  |
| 142 | 1.7  | 9.1 | 0.080 | 0.114 | 0.102 | 0.111 | 0.080 | 4   | 9.1 | 8.9  |
| 142 | 1.9  | 9.2 | 0.114 | 0.092 | 0.087 | 0.093 | 0.097 | 4   | 9.1 | 7.2  |
| 140 | 1.6  | 9.2 | 0.086 | 0.077 | 0.082 | 0.084 | 0.089 | 4.4 | 9.2 | 9.9  |
| 140 | 2.2  | 8.9 | 0.081 | 0.075 | 0.085 | 0.087 | 0.082 | 4.3 | 8.9 | 7.9  |
| 118 | 6.2  | 9.1 | 0.113 | 0.116 | 0.129 | 0.125 | 0.116 | 4   | 9.1 | 6.9  |
| 136 | 3.7  | 9.1 | 0.091 | 0.083 | 0.124 | 0.101 | 0.091 | 4   | 9.1 | 7.9  |
| 137 | 1.9  | 9.2 | 0.075 | 0.095 | 0.097 | 0.095 | 0.074 | 3.8 | 9.3 | 7.9  |
| 140 | 2.3  | 9.3 | 0.078 | 0.090 | 0.093 | 0.121 | 0.093 | 4.3 | 9.3 | 8.5  |
| 132 | 2.5  | 9.2 | 0.098 | 0.069 | 0.077 | 0.092 | 0.081 | 3.6 | 9.2 | 8.5  |
| 125 | 1.9  | 9.3 | 0.059 | 0.051 | 0.074 | 0.068 | 0.066 | 3.9 | 9.3 | 8.6  |
| 117 | 1.9  | 9.3 | 0.053 | 0.061 | 0.072 | 0.064 | 0.054 | 3.5 | 9.2 | 8.2  |
| 121 | 1.4  | 9.2 | 0.051 | 0.059 | 0.063 | 0.076 | 0.051 | 3.2 | 9.2 | 8.2  |
| 138 | 1.9  | 9.2 | 0.093 | 0.064 | 0.073 | 0.088 | 0.065 | 3.5 | 9.2 | 9.2  |
| 172 | 4    | 7.4 | 0.127 | 0.099 | 0.131 | 0.122 | 0.147 | 4.2 | 9   | 8.3  |
| 122 | 2.3  | 9.1 | 0.062 | 0.049 | 0.084 | 0.070 | 0.061 | 3.6 | 9.1 | 8.6  |
| 122 | 1.4  | 9   | 0.052 | 0.067 | 0.064 | 0.069 | 0.051 | 3.7 | 9.1 | 11.4 |
| 128 | 1.4  | 9.1 | 0.066 | 0.058 | 0.064 | 0.079 | 0.051 | 3.5 | 9.1 | 11   |
| 129 | 1.3  | 9.1 | 0.066 | 0.057 | 0.063 | 0.071 | 0.075 | 3.6 | 9.1 | 10.7 |
| 130 | 1    | 9.1 | 0.063 | 0.058 | 0.090 | 0.071 | 0.063 | 3.7 | 9   | 11   |
| 125 | 1.4  | 9.1 | 0.063 | 0.081 | 0.076 | 0.074 | 0.063 | 4.2 | 9   | 11.5 |
| 117 | 1    | 9.1 | 0.063 | 0.059 | 0.064 | 0.081 | 0.053 | 4.1 | 9.1 | 11.3 |
| 120 | 1.07 | 9.1 | 0.063 | 0.055 | 0.071 | 0.069 | 0.066 | 4   | 9   | 11.7 |
| 124 | 0.8  | 9.2 | 0.063 | 0.055 | 0.071 | 0.069 | 0.066 | 4.2 | 9.1 | 10.3 |
| 126 | 0.86 | 9.2 | 0.071 | 0.068 | 0.074 | 0.086 | 0.061 | 3.9 | 9.1 | 10.7 |
| 124 | 1.3  | 9.2 | 0.075 | 0.077 | 0.090 | 0.085 | 0.079 | 3.8 | 9.1 | 13.4 |
| 118 | 1.3  | 9.1 | 0.072 | 0.063 | 0.074 | 0.081 | 0.060 | 3.9 | 9.2 | 13.3 |
| 116 | 1.5  | 9.2 | 0.061 | 0.069 | 0.080 | 0.075 | 0.062 | 3.7 | 9.2 | 14.6 |
| 122 | 0.84 | 9.2 | 0.079 | 0.063 | 0.078 | 0.084 | 0.054 | 3.8 | 9.1 | 13.5 |
| 123 | 0.86 | 9.1 | 0.065 | 0.062 | 0.073 | 0.074 | 0.060 | 4.1 | 9.1 | 13   |
| 116 | 0.83 | 9.1 | 0.063 | 0.073 | 0.085 | 0.083 | 0.060 | 3.7 | 9.1 | 13.6 |
| 118 | 1.11 | 9.1 | 0.075 | 0.056 | 0.075 | 0.081 | 0.054 | 3.8 | 9.1 | 10.1 |
| 114 | 0.96 | 9.1 | 0.060 | 0.067 | 0.073 | 0.069 | 0.072 | 3.8 | 9.1 | 10.3 |
| 118 | 1    | 9.2 | 0.071 | 0.054 | 0.075 | 0.081 | 0.061 | 3.7 | 9.2 | 11.7 |
| 113 | 0.81 | 9.3 | 0.058 | 0.056 | 0.064 | 0.068 | 0.067 | 3.5 | 9.2 | 10.3 |
| 113 | 1.05 | 9.2 | 0.066 | 0.054 | 0.074 | 0.075 | 0.061 | 3.6 | 9.2 | 11.5 |

|     |      |      |       |       |       |       |       |     |     |      |
|-----|------|------|-------|-------|-------|-------|-------|-----|-----|------|
| 112 | 0.98 | 9.2  | 0.061 | 0.049 | 0.067 | 0.070 | 0.058 | 3.7 | 9.2 | 12.5 |
| 110 | 0.89 | 9.2  | 0.066 | 0.060 | 0.072 | 0.071 | 0.071 | 3.4 | 9.1 | 14.6 |
| 113 | 0.91 | 9.1  | 0.062 | 0.055 | 0.072 | 0.076 | 0.060 | 3.5 | 9.1 | 14   |
| 108 | 0.87 | 9.1  | 0.063 | 0.064 | 0.063 | 0.065 | 0.073 | 3.5 | 9.1 | 16.1 |
| 112 | 1.3  | 9.3  | 0.059 | 0.056 | 0.078 | 0.074 | 0.056 | 3.6 | 9.3 | 14.4 |
| 111 | 2.8  | 9.6  | 0.058 | 0.052 | 0.061 | 0.061 | 0.049 | 3.6 | 9.6 | 14.4 |
| 116 | 1.6  | 9.1  | 0.065 | 0.075 | 0.078 | 0.066 | 0.069 | 3.2 | 9   | 14.2 |
| 115 | 0.73 | 9.1  | 0.063 | 0.065 | 0.077 | 0.086 | 0.065 | 3.8 | 9   | 14.9 |
| 114 | 0.78 | 9.1  | 0.078 | 0.084 | 0.071 | 0.073 | 0.075 | 3.7 | 9.1 | 15.2 |
| 117 | 0.82 | 9.2  | 0.072 | 0.070 | 0.089 | 0.086 | 0.069 | 3.7 | 9   | 10.8 |
| 112 | 0.75 | 9    | 0.072 | 0.079 | 0.088 | 0.087 | 0.076 | 3.5 | 9   | 12.3 |
| 113 | 0.67 | 9.3  | 0.072 | 0.070 | 0.081 | 0.077 | 0.072 | 5.2 | 9.1 | 11.4 |
| 121 | 0.87 | 9.2  | 0.071 | 0.061 | 0.077 | 0.080 | 0.065 | 4.3 | 9.3 | 12   |
| 115 | 0.69 | 9.3  | 0.057 | 0.055 | 0.076 | 0.074 | 0.063 | 4.3 | 9.3 | 13.6 |
| 113 | 1.3  | 9.3  | 0.066 | 0.065 | 0.068 | 0.071 | 0.059 | 3.8 | 9.3 | 14   |
| 118 | 0.8  | 9.1  | 0.061 | 0.062 | 0.092 | 0.077 | 0.075 | 4   | 9.1 | 12.4 |
| 120 | 0.69 | 9.2  | 0.080 | 0.081 | 0.085 | 0.085 | 0.074 | 4.5 | 9   | 9.7  |
| 122 | 0.9  | 9.1  | 0.076 | 0.081 | 0.084 | 0.089 | 0.066 | 4.4 | 9.1 | 10.7 |
| 126 | 0.87 | 9.1  | 0.067 | 0.075 | 0.092 | 0.082 | 0.077 | 4.2 | 9   | 10.8 |
| 129 | 0.78 | 9.2  | 0.073 | 0.079 | 0.089 | 0.088 | 0.072 | 4   | 9.2 | 10.7 |
| 121 | 0.63 | 9.2  | 0.073 | 0.079 | 0.087 | 0.088 | 0.073 | 4.2 | 9.1 | 6.8  |
| 113 | 0.52 | 9.1  | 0.070 | 0.075 | 0.082 | 0.083 | 0.069 | 3.9 | 9.1 | 8.8  |
| 123 | 0.57 | 9.1  | 0.077 | 0.083 | 0.084 | 0.092 | 0.070 | 4.3 | 9.1 | 8.3  |
| 120 | 0.62 | 9.1  | 0.079 | 0.085 | 0.099 | 0.096 | 0.083 | 3.8 | 9.1 | 9.6  |
| 127 | 0.58 | 9.1  | 0.092 | 0.100 | 0.112 | 0.106 | 0.095 | 3.8 | 9   | 8.1  |
| 118 | 0.7  | 9.2  | 0.096 | 0.097 | 0.110 | 0.098 | 0.093 | 3.6 | 9.1 | 9.8  |
| 113 | 0.69 | 9.2  | 0.082 | 0.084 | 0.095 | 0.084 | 0.079 | 3.5 | 9.2 | 9.5  |
| 114 | 0.7  | 9.3  | 0.080 | 0.081 | 0.095 | 0.086 | 0.079 | 3.8 | 9.3 | 11.9 |
| 115 | 0.75 | 9.2  | 0.085 | 0.086 | 0.100 | 0.090 | 0.083 | 3.9 | 9.3 | 12.8 |
| 118 | 1.1  | 9.3  | 0.088 | 0.089 | 0.101 | 0.091 | 0.087 | 3.8 | 9.3 | 12.5 |
| 118 | 1.4  | 9.35 | 0.073 | 0.077 | 0.088 | 0.081 | 0.072 | 3.6 | 9.3 | 12.7 |
| 113 | 1.6  | 9.3  | 0.089 | 0.083 | 0.082 | 0.076 | 0.070 | 3.6 | 9.3 | 13.5 |
| 115 | 1    | 9.1  | 0.112 | 0.115 | 0.133 | 0.125 | 0.122 | 3.9 | 9.1 | 14.3 |
| 120 | 1.2  | 9    | 0.117 | 0.114 | 0.118 | 0.110 | 0.099 | 3.9 | 9   | 14.7 |
| 112 | 0.97 | 9    | 0.109 | 0.108 | 0.117 | 0.107 | 0.104 | 3.9 | 9   | 14.6 |
| 108 | 0.82 | 9.1  | 0.093 | 0.094 | 0.116 | 0.112 | 0.104 | 3.7 | 9.1 | 15.5 |
| 1.8 | 0.7  | 9    | 0.101 | 0.100 | 0.103 | 0.106 | 0.100 | 3.9 | 9   | 17.4 |
| 107 | 0.76 | 9    | 0.104 | 0.113 | 0.126 | 0.105 | 0.099 | 4.4 | 9.2 | 17.4 |
| 107 | 0.81 | 9.1  | 0.123 | 0.112 | 0.137 | 0.130 | 0.124 | 4.6 | 9.1 | 16.8 |
| 113 | 0.86 | 9.2  | 0.132 | 0.134 | 0.125 | 0.130 | 0.119 | 4.4 | 9.2 | 16.5 |
| 111 | 1.03 | 9.1  | 0.109 | 0.104 | 0.153 | 0.119 | 0.120 | 4.4 | 9.1 | 16.8 |
|     |      |      | 0.122 | 0.160 | 0.131 | 0.112 | 0.105 |     |     |      |
| 100 | 0.76 | 9.2  | 0.121 | 0.105 | 0.111 | 0.127 | 0.115 | 4.5 | 9   | 16.4 |
| 101 | 0.77 | 9.1  | 0.107 | 0.132 | 0.130 | 0.101 | 0.097 | 4.4 | 8.8 | 16.7 |
| 100 | 0.89 | 9.2  | 0.102 | 0.107 | 0.130 | 0.116 | 0.110 | 3.7 | 9.2 | 17.3 |
| 99  | 0.83 | 9.4  | 0.128 | 0.118 | 0.145 | 0.125 | 0.116 | 3.6 | 9.3 | 18.3 |
| 102 | 1.07 | 9.8  | 0.117 | 0.138 | 0.146 | 0.125 | 0.109 | 3.5 | 9.1 | 19.3 |
| 102 | 1.2  | 9.9  | 0.159 | 0.139 | 0.158 | 0.158 | 0.141 | 3.3 | 9.1 | 17.5 |
| 104 | 0.66 | 9.8  | 0.156 | 0.142 | 0.179 | 0.153 | 0.126 | 3.4 | 9.1 | 16.8 |
| 100 | 0.73 | 9.7  | 0.121 | 0.111 | 0.124 | 0.122 | 0.104 | 3.4 | 9.1 | 17.1 |
| 103 | 0.72 | 9.6  | 0.146 | 0.135 | 0.157 | 0.145 | 0.124 | 3   | 9.2 | 19.3 |
| 104 | 1.1  | 9.7  | 0.129 | 0.135 | 0.141 | 0.140 | 0.126 | 3.4 | 9.2 | 20.4 |
| 103 | 0.83 | 9.8  | 0.125 | 0.110 | 0.141 | 0.126 | 0.095 | 3.6 | 9.3 | 19.5 |

|     |      |      |       |       |       |       |       |     |     |      |
|-----|------|------|-------|-------|-------|-------|-------|-----|-----|------|
| 105 | 0.83 | 9.9  | 0.161 | 0.129 | 0.169 | 0.172 | 0.127 | 3.3 | 9.2 | 21.3 |
| 103 | 0.81 | 10   | 0.141 | 0.174 | 0.143 | 0.154 | 0.149 | 3.1 | 9.1 | 20.9 |
| 99  | 0.71 | 9.9  | 0.174 | 0.138 | 0.188 | 0.166 | 0.116 | 3.4 | 9.2 | 20.4 |
| 98  | 0.76 | 10   | 0.134 | 0.138 | 0.130 | 0.145 | 0.120 | 3.7 | 9.2 | 18.7 |
| 99  | 0.65 | 9.9  | 0.123 | 0.138 | 0.136 | 0.122 | 0.077 | 3.7 | 9.1 | 18.9 |
| 97  | 0.7  | 9.9  | 0.145 | 0.113 | 0.131 | 0.151 | 0.106 | 3.7 | 9   | 19.9 |
| 96  | 0.66 | 9.8  | 0.136 | 0.128 | 0.145 | 0.121 | 0.114 | 3.7 | 9.2 | 20.9 |
| 96  | 0.91 | 9.9  | 0.098 | 0.082 | 0.120 | 0.104 | 0.075 | 3.4 | 9.4 | 21.1 |
| 94  | 0.85 | 10   | 0.089 | 0.082 | 0.080 | 0.084 | 0.085 | 3.4 | 9.3 | 20.7 |
| 93  | 0.75 | 10   | 0.100 | 0.070 | 0.084 | 0.121 | 0.069 | 3.6 | 9.3 | 19.7 |
| 77  | 0.66 | 9.8  | 0.109 | 0.084 | 0.099 | 0.102 | 0.078 | 3.4 | 9.2 | 19.3 |
| 94  | 0.56 | 9.9  | 0.087 | 0.072 | 0.085 | 0.112 | 0.067 | 3.3 | 9.3 | 20.8 |
| 94  | 0.47 | 10   | 0.109 | 0.090 | 0.111 | 0.108 | 0.080 | 3.5 | 9.3 | 20.2 |
| 93  | 0.42 | 10.1 | 0.087 | 0.073 | 0.089 | 0.110 | 0.069 | 3.5 | 9.2 | 19.3 |
| 103 | 0.58 | 9.9  | 0.084 | 0.096 | 0.126 | 0.094 | 0.074 | 3.4 | 9.1 | 18.9 |
| 102 | 0.9  | 9.8  | 0.103 | 0.094 | 0.096 | 0.123 | 0.086 | 3.2 | 9.3 | 20.3 |
| 105 | 0.51 | 9.9  | 0.080 | 0.084 | 0.082 | 0.085 | 0.079 | 3.6 | 9.4 | 20.3 |
| 97  | 0.91 | 10.1 | 0.067 | 0.046 | 0.070 | 0.079 | 0.042 | 3.5 | 9.3 | 19.9 |
| 92  | 1.2  | 10   | 0.049 | 0.059 | 0.058 | 0.064 | 0.042 | 3.4 | 9.4 | 19.9 |
| 98  | 0.85 | 10.1 | 0.082 | 0.062 | 0.084 | 0.069 | 0.073 | 3.3 | 9.3 | 18.7 |
| 94  | 0.56 | 10   | 0.095 | 0.086 | 0.095 | 0.107 | 0.080 | 3.4 | 9.3 | 19.6 |
| 98  | 0.76 | 10   | 0.094 | 0.066 | 0.111 | 0.082 | 0.064 | 3.3 | 9.3 | 20.3 |
| 101 | 0.62 | 10   | 0.097 | 0.098 | 0.088 | 0.097 | 0.095 | 3.3 | 9.2 | 20.4 |
| 93  | 0.44 | 10   | 0.086 | 0.061 | 0.106 | 0.079 | 0.058 | 3.4 | 9.2 | 20.5 |
| 94  | 0.67 | 10.1 | 0.062 | 0.073 | 0.074 | 0.091 | 0.069 | 3.5 | 9.2 | 21.2 |
| 101 | 0.69 | 10   | 0.096 | 0.072 | 0.099 | 0.092 | 0.069 | 3.6 | 9.2 | 21.6 |
| 99  | 0.62 | 10   | 0.105 | 0.077 | 0.101 | 0.097 | 0.077 | 3.5 | 9.2 | 20   |
| 102 | 1.8  | 10.2 | 0.062 | 0.065 | 0.072 | 0.077 | 0.065 | 4.2 | 9.1 | 19.1 |
| 98  | 0.8  | 9.9  | 0.094 | 0.061 | 0.068 | 0.070 | 0.053 | 3.3 | 9   | 19.2 |
| 97  | 0.72 | 9.7  | 0.113 | 0.104 | 0.110 | 0.110 | 0.089 | 3.2 | 9.1 | 20   |
| 95  | 0.5  | 9.8  | 0.085 | 0.081 | 0.082 | 0.083 | 0.066 | 3.6 | 9.3 | 20.2 |
| 97  | 0.57 | 9.9  | 0.108 | 0.083 | 0.107 | 0.103 | 0.089 | 4.2 | 9.3 | 20.5 |
| 101 | 0.49 | 9.9  | 0.099 | 0.092 | 0.100 | 0.088 | 0.085 | 3.7 | 9.4 | 22.1 |
| 93  | 0.63 | 9.9  | 0.089 | 0.071 | 0.085 | 0.083 | 0.066 | 3.9 | 9.4 | 22.1 |
| 95  | 0.65 | 9.9  | 0.097 | 0.090 | 0.100 | 0.095 | 0.078 | 4.1 | 9.3 | 21.4 |
| 96  | 1.1  | 9.5  | 0.084 | 0.068 | 0.094 | 0.092 | 0.064 | 4.8 | 9.2 | 22.4 |
| 101 | 1.1  | 9.9  | 0.092 | 0.083 | 0.082 | 0.086 | 0.072 | 4.3 | 9.3 | 21.4 |
| 97  | 0.69 | 9.8  | 0.095 | 0.094 | 0.115 | 0.107 | 0.075 | 4.1 | 9.2 | 21.4 |
| 93  | 0.58 | 9.8  | 0.094 | 0.076 | 0.093 | 0.097 | 0.075 | 3.9 | 9.3 | 21.3 |
| 90  | 0.71 | 9.5  | 0.103 | 0.095 | 0.107 | 0.093 | 0.069 | 3.8 | 9.5 | 21.8 |
| 94  | 0.79 | 9.8  | 0.088 | 0.074 | 0.104 | 0.101 | 0.082 | 3.5 | 9.3 | 21.1 |
| 94  | 0.79 | 9.8  | 0.094 | 0.084 | 0.089 | 0.079 | 0.072 | 3.6 | 9.2 | 21   |
| 92  | 0.65 | 9.8  | 0.071 | 0.064 | 0.079 | 0.073 | 0.060 | 3.9 | 9.3 | 21   |
| 87  | 0.87 | 9.7  | 0.067 | 0.059 | 0.111 | 0.094 | 0.050 | 3.7 | 9.1 | 21.2 |
| 91  | 0.66 | 9.7  | 0.107 | 0.098 | 0.097 | 0.084 | 0.052 | 3.7 | 9.2 | 21.7 |
| 90  | 0.76 | 9.8  | 0.080 | 0.067 | 0.076 | 0.069 | 0.073 | 3.4 | 9.2 | 22.2 |
| 86  | 0.85 | 9.7  | 0.062 | 0.055 | 0.093 | 0.091 | 0.047 | 3.4 | 9.3 | 22.7 |
| 83  | 0.07 | 9.8  | 0.063 | 0.058 | 0.095 | 0.082 | 0.047 | 3.3 | 9.1 | 22.9 |
| 85  | 0.48 | 9.9  | 0.066 | 0.102 | 0.090 | 0.080 | 0.049 | 3.6 | 9.2 | 25.8 |
| 79  | 0.54 | 10.2 | 0.069 | 0.075 | 0.076 | 0.069 | 0.069 | 3.6 | 9.2 | 22.4 |
| 82  | 0.69 | 9.9  | 0.082 | 0.054 | 0.080 | 0.087 | 0.051 | 3.8 | 9   | 21.7 |
| 78  | 0.88 | 9.4  | 0.070 | 0.056 | 0.096 | 0.081 | 0.048 | 3.7 | 9   | 20.1 |
| 74  | 0.81 | 9.4  | 0.065 | 0.085 | 0.081 | 0.074 | 0.045 | 3.6 | 9   | 21.5 |

|      |      |      |       |       |       |       |       |      |     |       |
|------|------|------|-------|-------|-------|-------|-------|------|-----|-------|
| 77   | 0.84 | 9.4  | 0.076 | 0.095 | 0.091 | 0.084 | 0.091 | 3.7  | 9.1 | 21.2  |
| 130  | 1.9  | 9.8  | 0.202 | 0.138 | 0.140 | 0.171 | 0.146 | 3.7  | 9.1 | 21.7  |
| 123  | 1.9  | 10.1 | 0.176 | 0.114 | 0.270 | 0.179 | 0.117 | 3.7  | 9.2 | 21.2  |
| 122  | 1.6  | 10.3 | 0.139 | 0.135 | 0.172 | 0.140 | 0.120 | 3.5  | 9.2 | 21.7  |
| 116  | 1.9  | 10.5 | 0.097 | 0.119 | 0.105 | 0.100 | 0.079 | 3.7  | 9.4 | 22.3  |
| 108  | 2    | 10.4 | 0.139 | 0.102 | 0.097 | 0.093 | 0.126 | 3.4  | 9.3 | 22    |
| 108  | 3.1  | 10.4 | 0.131 | 0.106 | 0.106 | 0.129 | 0.114 | 3.7  | 9.2 | 21.9  |
| 101  | 2.7  | 10.3 | 0.119 | 0.102 | 0.140 | 0.141 | 0.098 | 3.7  | 9.3 | 22.6  |
| 89.6 | 9.8  | 10.3 | 0.118 | 0.146 | 0.128 | 0.126 | 0.098 | 3.47 | 9.3 | 22.96 |
| 61   | 1    | 10.5 | 0.096 | 0.050 | 0.053 | 0.058 | 0.073 | 4    | 9.1 | 23.2  |
| 59   | 1.1  | 10.5 | 0.063 | 0.039 | 0.045 | 0.061 | 0.047 | 3.7  | 9.2 | 23.5  |
| 60   | 1.1  | 10.5 | 0.052 | 0.040 | 0.071 | 0.071 | 0.040 | 3.4  | 9.1 | 23.1  |
| 59   | 1.8  | 10.2 | 0.046 | 0.059 | 0.052 | 0.057 | 0.035 | 3.8  | 9.5 | 24.5  |
| 58   | 1    | 10.5 | 0.053 | 0.045 | 0.046 | 0.052 | 0.059 | 3.6  | 9.4 | 25.4  |
| 57   | 1.3  | 10.5 | 0.055 | 0.038 | 0.042 | 0.050 | 0.038 | 3.5  | 9.4 | 24.9  |
| 58   | 1.3  | 10.3 | 0.054 | 0.041 | 0.083 | 0.087 | 0.039 | 3.5  | 9.2 | 26.2  |
| 58   | 0.98 | 10.4 | 0.050 | 0.065 | 0.059 | 0.063 | 0.033 | 3.4  | 9.2 | 25    |
| 58   | 1.1  | 10.4 | 0.046 | 0.044 | 0.047 | 0.054 | 0.044 | 3.7  | 9   | 25.9  |
| 56   | 1.2  | 10.5 | 0.072 | 0.042 | 0.037 | 0.053 | 0.043 | 3.5  | 9   | 25.9  |
| 69   | 1.3  | 10.2 | 0.057 | 0.041 | 0.066 | 0.084 | 0.041 | 3.7  | 9.2 | 26    |
| 54   | 1.1  | 10.5 | 0.048 | 0.064 | 0.055 | 0.062 | 0.035 | 3.8  | 9.1 | 24.8  |
| 56   | 1.1  | 10.3 | 0.052 | 0.060 | 0.055 | 0.063 | 0.052 | 3.9  | 9   | 25.1  |
| 55   | 1.1  | 10.3 | 0.075 | 0.045 | 0.046 | 0.056 | 0.049 | 3.8  | 9.1 | 24.4  |
| 57   | 1.4  | 10.3 | 0.060 | 0.044 | 0.057 | 0.071 | 0.037 | 3.9  | 9.1 | 25    |
| 47   | 1.3  | 10.2 | 0.051 | 0.065 | 0.053 | 0.050 | 0.029 | 3.8  | 9   | 24.5  |
| 54   | 1.2  | 10.5 | 0.043 | 0.047 | 0.041 | 0.040 | 0.032 | 3.9  | 9.2 | 24.1  |
| 53   | 1.9  | 10.3 | 0.074 | 0.041 | 0.041 | 0.041 | 0.044 | 3.6  | 9.3 | 25.1  |
| 54   | 1.3  | 10.3 | 0.053 | 0.037 | 0.045 | 0.055 | 0.031 | 3.2  | 9.3 | 26.6  |
| 55   | 1.3  | 10.5 | 0.046 | 0.045 | 0.047 | 0.045 | 0.029 | 3.6  | 9.4 | 25.8  |
| 57   | 1.9  | 10.4 | 0.046 | 0.048 | 0.043 | 0.044 | 0.029 | 3.8  | 9.4 | 26    |
| 55   | 1.6  | 10.2 | 0.065 | 0.043 | 0.042 | 0.043 | 0.046 | 3.8  | 9.3 | 26    |
| 58   | 1.8  | 10.3 | 0.074 | 0.046 | 0.052 | 0.070 | 0.046 | 3.5  | 9   | 27    |
| 57   | 1.6  | 10.4 | 0.052 | 0.045 | 0.063 | 0.064 | 0.032 | 3.7  | 9.3 | 27.9  |
| 56   | 1.7  | 10.5 | 0.056 | 0.066 | 0.055 | 0.063 | 0.035 | 3.8  | 9.2 | 27.6  |
| 56   | 1.1  | 10.4 | 0.056 | 0.036 | 0.043 | 0.053 | 0.044 | 3.9  | 9.1 | 26.4  |
| 58   | 2    | 10.7 | 0.059 | 0.027 | 0.040 | 0.057 | 0.034 | 3.6  | 9.7 | 26.4  |
| 67   | 1.9  | 10.7 | 0.056 | 0.035 | 0.069 | 0.074 | 0.038 | 3.9  | 9.2 | 27.5  |
| 63   | 1.7  | 10.6 | 0.065 | 0.090 | 0.064 | 0.074 | 0.049 | 3.7  | 9   | 25.7  |
| 70   | 1.9  | 10.4 | 0.062 | 0.062 | 0.055 | 0.066 | 0.067 | 3.8  | 9.2 | 28    |
| 71   | 1.5  | 1.7  | 0.066 | 0.039 | 0.041 | 0.051 | 0.042 | 3.6  | 9.3 | 27.4  |
| 64   | 1.8  | 10.6 | 0.051 | 0.040 | 0.053 | 0.067 | 0.037 | 4.1  | 9.4 | 26.4  |
| 69   | 1.4  | 10.6 | 0.048 | 0.058 | 0.045 | 0.054 | 0.035 | 4    | 9.4 | 26.5  |
| 67   | 1.8  | 10.6 | 0.047 | 0.047 | 0.042 | 0.052 | 0.041 | 4.1  | 9.2 | 28    |
| 66   | 2.6  | 10.6 | 0.064 | 0.044 | 0.041 | 0.052 | 0.043 | 3.9  | 9.3 | 27    |
| 68   | 1.5  | 10.6 | 0.053 | 0.043 | 0.061 | 0.074 | 0.039 | 4.3  | 9.5 | 28    |
| 103  | 1.5  | 10.6 | 0.051 | 0.067 | 0.060 | 0.065 | 0.038 | 4.2  | 8.6 | 26.5  |
| 117  | 3.7  | 10.6 |       |       |       |       |       | 4.2  | 9.1 | 25.3  |
| 115  | 1.9  | 10.7 |       |       |       |       |       | 3.9  | 9.4 | 26.9  |
| 113  | 1.9  | 10.6 |       |       |       |       |       | 3.7  | 9.4 | 26    |
| 106  | 1.9  | 10.6 |       |       |       |       |       | 3.7  | 9.3 | 28.2  |
| 109  | 1.6  | 10.6 |       |       |       |       |       | 3.6  | 9.4 | 28.8  |
| 108  | 1.8  | 10.5 |       |       |       |       |       | 3.7  | 9.3 | 28.9  |
| 114  | 2.2  | 10.5 |       |       |       |       |       | 3.9  | 9.3 | 28.6  |

|     |     |      |     |     |      |
|-----|-----|------|-----|-----|------|
| 105 | 1.7 | 10.5 | 3.7 | 9   | 28.6 |
| 113 | 1.5 | 10.4 | 3.5 | 8.6 | 28.1 |
| 107 | 1.5 | 10.7 | 3.6 | 9.5 | 28   |
| 106 | 1.8 | 10.5 | 3.6 | 9.4 | 29.1 |
| 103 | 1.8 | 10.5 | 3.5 | 9.4 | 28.2 |
| 100 | 2.1 | 10.4 | 3.4 | 8.9 | 25.6 |



0.25      2.9      2      0.32      8.4      136.30      0.47      0.34      40.16      0.54      0.09

|      |     |     |      |     |        |      |      |       |      |      |
|------|-----|-----|------|-----|--------|------|------|-------|------|------|
| 0.06 | 3.2 | 3   | 0.23 | 8.9 | 105.05 | 0.32 | 0.27 | 35.65 | 1.97 | 0.06 |
| 0.05 | 3.3 | 3.1 | 0.17 | 9.1 | 74.02  | 0.27 | 0.18 | 31.19 | 2.18 | 0.03 |
| 0.06 | 3.5 | 3.4 | 0.23 | 9   | 70.43  | 0.23 | 0.14 | 31.74 | 2.95 | 0.02 |
| 0.09 | 3.4 | 3   | 0.1  | 9.1 | 68.01  | 0.24 | 0.13 | 34.50 | 2.93 | 0.02 |
| 0.05 | 3.3 | 2.9 | 0.19 | 9.1 | 65.33  | 0.22 | 0.14 | 34.27 | 2.58 | 0.02 |
| 0.05 | 3.2 | 3   | 0.22 | 9   | 68.16  | 0.24 | 0.15 | 35.52 | 2.87 | 0.03 |
| 0.04 | 3   | 2.7 | 0.19 | 9   | 64.59  | 0.24 | 0.12 | 34.16 | 2.79 | 0.02 |
| 0.04 | 3   | 2.6 | 0.18 | 9.1 | 63.16  | 0.24 | 0.15 | 34.66 | 2.19 | 0.02 |
| 0.04 | 2.9 | 2.8 | 0.17 | 9.1 | 64.00  | 0.23 | 0.14 | 34.44 | 2.60 | 0.02 |
| 0.04 | 3.1 | 3.2 | 0.16 | 9.2 | 60.24  | 0.22 | 0.14 | 34.34 | 1.71 | 0.02 |
| 0.04 | 3.2 | 3   | 0.16 | 9.2 | 60.72  | 0.21 | 0.14 | 34.54 | 1.83 | 0.02 |
| 0.04 | 2.7 | 2.5 | 0.26 | 9.1 | 59.90  | 0.22 | 0.16 | 34.85 | 1.69 | 0.02 |
| 0.06 | 2.4 | 2.3 | 0.13 | 9   | 61.66  | 0.22 | 0.15 | 34.41 | 1.84 | 0.01 |
| 0.05 | 2.5 | 2.3 | 0.07 | 8.9 | 63.87  | 0.22 | ND   | 35.79 | 1.68 | 0.02 |
| 0.05 | 2.7 | 2.5 | 0.07 | 8.7 | 63.45  | 0.20 | 0.12 | 34.64 | 1.96 | 0.02 |
| 0.06 | 3.3 | 2   | 0.15 | 8.8 | 66.83  | 0.19 | 0.13 | 34.65 | 2.13 | 0.02 |
| 0.06 | 3.2 | 2.9 | 0.24 | 8.9 | 65.11  | 0.21 | 0.13 | 34.46 | 1.95 | 0.02 |
| 0.05 | 3.3 | 3   | 0.25 | 9   | 64.69  | 0.21 | 0.13 | 34.45 | 1.79 | 0.02 |
| 0.06 | 3.4 | 3.2 | 0.24 | 9   | 93.21  | 0.30 | 0.21 | 47.80 | 2.78 | 0.00 |
| 0.05 | 3.6 | 3.4 | 0.32 | 9.1 | 101.11 | 0.36 | 0.20 | 53.04 | 3.64 | 0.04 |
| 0.05 | 3.6 | 3.2 | 0.33 | 9.1 | 103.06 | 0.38 | 0.17 | 54.88 | 3.90 | 0.04 |
| 0.06 | 2.9 | 2.2 | 0.03 | 9.1 | 63.17  | 0.25 | 0.13 | 34.10 | 1.85 | 0.02 |
| 0.06 | 3.3 | 2.9 | 0.11 | 9.1 | 61.78  | 0.24 | 0.14 | 34.10 | 1.57 | 0.02 |
| 0.06 | 3.4 | 3   | 0.14 | 9.1 | 60.23  | 0.23 | 0.14 | 32.40 | 1.63 | 0.02 |
| 0.06 | 3.7 | 3.5 | 0.32 | 9.1 | 57.85  | 0.24 | 0.12 | 31.54 | 1.42 | 0.02 |
| 0.06 | 3.4 | 3.1 | 0.18 | 9.1 | 62.24  | 0.23 | 0.12 | 32.84 | 1.53 | 0.03 |
| 0.08 | 3.3 | 3.3 | 0.34 | 9.2 | 64.70  | 0.24 | 0.09 | 33.96 | 2.34 | 0.02 |
| 0.07 | 3.1 | 2.9 | 0.27 | 9.2 | 65.23  | 0.22 | 0.11 | 34.04 | 2.09 | 0.02 |
| 0.07 | 2.8 | 2.6 | 0.06 | 9.1 | 59.16  | 0.21 | 0.12 | 31.20 | 1.58 | 0.02 |
| 0.08 | 3   | 3   | 0.09 | 9.2 | 65.19  | 0.23 | 0.11 | 33.81 | 1.80 | 0.03 |
| 0.07 | 3.5 | 3.3 | 0.4  | 9.2 | 65.30  | 0.23 | 0.10 | 34.20 | 2.08 | 0.02 |
| 0.07 | 3.6 | 3.4 | 0.16 | 9.2 | 64.60  | 0.23 | 0.09 | 34.05 | 1.97 | 0.02 |
| 0.06 | 3.5 | 3.5 | 0.24 | 9.3 | 63.75  | 0.21 | 0.09 | 33.11 | 2.13 | 0.02 |
| 0.08 | 3.5 | 3.5 | 0.29 | 9.3 | 63.56  | 0.21 | 0.06 | 32.94 | 2.39 | 0.02 |
| 0.07 | 3.6 | 3.2 | 0.39 | 9.2 | 56.96  | 0.20 | 0.04 | 30.83 | 1.78 | 0.02 |
| 0.08 | 3.4 | 3.3 | 0.37 | 9.2 | 60.24  | 0.21 | 0.04 | 32.85 | 1.93 | 0.02 |
| 0.09 | 3.2 | 3   | 0.35 | 9.1 | 73.65  | 0.21 | 0.07 | 33.17 | 1.62 | 0.02 |
| 0.09 | 2.9 | 2.9 | 0.37 | 9.1 | 59.95  | 0.21 | 0.05 | 33.17 | 1.53 | 0.02 |
| 0.08 | 3.9 | 3.2 | 0.41 | 9.1 | 57.88  | 0.19 | 0.05 | 32.62 | 1.61 | 0.02 |
| 0.06 | 3.6 | 3.5 | 0.34 | 9.1 | 55.53  | 0.18 | 0.05 | 30.85 | 1.67 | 0.02 |
| 0.06 | 3.3 | 3.1 | 0.33 | 9.2 | 58.88  | 0.18 | 0.06 | 32.54 | 2.10 | 0.02 |
| 0.06 | 3.3 | 3.2 | 0.33 | 9.2 | 61.38  | 0.19 | 0.06 | 32.12 | 2.68 | 0.02 |
| 0.06 | 3.3 | 3   | 0.27 | 9.1 | 56.23  | 0.16 | 0.06 | 29.36 | 2.28 | 0.02 |
| 0.06 | 3.3 | 3   | 0.25 | 9.1 | 53.56  | 0.16 | 0.06 | 28.41 | 2.05 | 0.02 |
| 0.07 | 3.5 | 3.1 | 0.31 | 9.1 | 59.65  | 0.17 | 0.06 | 31.64 | 2.43 | 0.03 |
| 0.08 | 3.8 | 3.3 | 0.33 | 9.1 | 60.94  | 0.19 | 0.06 | 31.84 | 2.64 | 0.03 |
| 0.08 | 3.7 | 3.4 | 0.32 | 9.1 | 59.66  | 0.19 | 0.06 | 31.90 | 2.46 | 0.02 |
| 0.09 | 3.8 | 3.4 | 0.34 | 9.1 | 60.08  | 0.19 | 0.06 | 31.54 | 2.99 | 0.02 |
| 0.09 | 3.7 | 3.3 | 0.37 | 9   | 55.79  | 0.17 | 0.06 | 30.73 | 2.70 | 0.02 |
| 0.09 | 3.7 | 3.4 | 0.35 | 9.1 | 52.49  | 0.16 | 0.06 | 29.09 | 2.35 | 0.02 |
| 0.09 | 3.8 | 3.5 | 0.19 | 9   | 57.74  | 0.20 | 0.07 | 32.74 | 2.60 | 0.02 |
| 0.09 | 3.8 | 3.6 | 0.17 | 9   | 55.82  | 0.22 | 0.10 | 32.13 | 2.62 | 0.02 |
| 0.1  | 3.9 | 3.5 | 0.19 | 9   | 55.43  | 0.21 | 0.09 | 31.65 | 2.75 | 0.03 |

|      |     |     |      |     |       |      |      |       |      |      |
|------|-----|-----|------|-----|-------|------|------|-------|------|------|
| 0.08 | 3.9 | 3.6 | 0.17 | 8.9 | 56.89 | 0.22 | 0.09 | 31.64 | 3.22 | 0.03 |
| 0.08 | 3.6 | 3.5 | 0.23 | 9   | 55.80 | 0.21 | 0.09 | 30.91 | 3.26 | 0.02 |
| 0.08 | 3.8 | 3.3 | 0.25 | 9   | 57.72 | 0.21 | 0.12 | 32.23 | 3.77 | 0.02 |
| 0.07 | 3.7 | 3.4 | 0.28 | 9   | 58.40 | 0.19 | 0.10 | 32.65 | 3.53 | 0.02 |
| 0.1  | 3.3 | 3.1 | 0.28 | 9   | 56.34 | 0.20 | 0.11 | 32.63 | 2.57 | 0.02 |
| 0.08 | 3.8 | 3.6 | 0.39 | 9   | 54.08 | 0.19 | 0.08 | 30.89 | 2.31 | 0.02 |
| 0.1  | 4.1 | 3.9 | 0.37 | 9   | 55.78 | 0.20 | 0.07 | 31.15 | 2.64 | 0.02 |
| 0.09 | 3.9 | 3.8 | 0.35 | 8.9 | 52.07 | 0.20 | 0.08 | 30.31 | 2.26 | 0.02 |
| 0.1  | 3.6 | 3.3 | 0.16 | 8.9 | 48.62 | 0.18 | 0.07 | 27.79 | 2.18 | 0.02 |
| 0.11 | 3.6 | 3.4 | 0.08 | 8.9 | 52.10 | 0.19 | 0.07 | 29.51 | 2.74 | 0.02 |
| 0.14 | 3.8 | 3.7 | 0.15 | 9   | 56.89 | 0.22 | 0.09 | 31.64 | 3.22 | 0.03 |
| 0.1  | 4.2 | 3.9 | 0.13 | 8.9 | 55.97 | 0.23 | 0.08 | 29.65 | 2.56 | 0.02 |
| 0.11 | 4.2 | 3.8 | 0.12 | 8.6 | 55.13 | 0.23 | 0.09 | 28.48 | 2.67 | 0.02 |
| 0.14 | 3.7 | 1.4 | 0.11 | 8.8 | 56.82 | 0.24 | 0.09 | 30.00 | 2.60 | 0.02 |
| 0.11 | 3.6 | 3.3 | 0.2  | 8.9 | 55.46 | 0.24 | 0.10 | 30.03 | 1.98 | 0.02 |
| 0.09 | 3.2 | 2.9 | 0.3  | 8.9 | 52.61 | 0.22 | 0.10 | 28.06 | 1.97 | 0.02 |
| 0.1  | 3.5 | 3.3 | 0.31 | 9.1 | 57.17 | 0.24 | 0.10 | 29.88 | 2.71 | 0.02 |
| 0.09 | 3.9 | 3.5 | 0.32 | 9.1 | 57.72 | 0.21 | 0.07 | 27.70 | 2.96 | 0.02 |
| 0.08 | 3.9 | 3.7 | 0.32 | 9.1 | 57.40 | 0.20 | 0.08 | 26.49 | 2.65 | 0.02 |
| 0.08 | 3.9 | 3.7 | 0.37 | 9.1 | 62.03 | 0.21 | 0.10 | 30.17 | 2.40 | 0.02 |
| 0.07 | 3.1 | 2.8 | 0.26 | 9   | 62.66 | 0.20 | 0.20 | 30.07 | 2.31 | 0.02 |
| 0.07 | 3.2 | 3.1 | 0.29 | 9.1 | 66.48 | 0.20 | 0.20 | 30.79 | 2.53 | 0.02 |
| 0.08 | 2.5 | 2.4 | 0.24 | 9.1 | 63.72 | 0.19 | 0.17 | 30.37 | 2.34 | 0.02 |
| 0.06 | 3.6 | 3.2 | 0.25 | 9.1 | 59.75 | 0.17 | 0.10 | 27.59 | 2.21 | 0.02 |
| 0.06 | 3.5 | 2.6 | 0.14 | 9.1 | 66.74 | 0.20 | 0.11 | 30.43 | 2.75 | 0.02 |
| 0.06 | 3.6 | 3.4 | 0.28 | 9.2 | 66.13 | 0.20 | 0.11 | 30.36 | 2.74 | 0.02 |
| 0.08 | 3.9 | 3.7 | 0.44 | 9.1 | 70.27 | 0.22 | 0.11 | 31.83 | 2.82 | 0.02 |
| 0.07 | 4   | 3.5 | 0.31 | 9   | 73.03 | 0.21 | 0.11 | 32.16 | 3.11 | 0.02 |
| 0.06 | 3.6 | 3.4 | 0.39 | 9   | 69.86 | 0.22 | 0.12 | 31.35 | 2.60 | 0.02 |
| 0.07 | 3.5 | 3.3 | 0.31 | 9   | 66.32 | 0.20 | 0.10 | 28.90 | 3.12 | 0.02 |
| 0.09 | 3.2 | 3   | 0.33 | 9.1 | 69.97 | 0.22 | 0.12 | 31.72 | 2.92 | 0.02 |
| 0.08 | 3.8 | 3.5 | 0.35 | 9.1 | 68.69 | 0.24 | 0.00 | 30.88 | 3.02 | 0.03 |
| 0.07 | 3.3 | 3.2 | 0.16 | 9.2 | 67.96 | 0.25 | 0.17 | 30.80 | 2.60 | 0.03 |
| 0.09 | 3.4 | 3.1 | 0.07 | 9.2 | 63.62 | 0.21 | 0.12 | 29.58 | 1.81 | 0.02 |
| 0.08 | 3.6 | 3.3 | 0.08 | 9   | 63.77 | 0.20 | 0.16 | 30.48 | 1.57 | 0.71 |
| 0.13 | 3.8 | 3.6 | 0.12 | 9   | 64.95 | 0.24 | 0.13 | 30.80 | 1.93 | 0.02 |
| 0.09 | 3.7 | 3.5 | 0.2  | 9   | 66.33 | 0.24 | 0.09 | 31.51 | 1.92 | 0.03 |
| 0.08 | 3.6 | 3.4 | 0.28 | 9   | 63..7 | 0.23 | 0.12 | 23.87 | 1.44 | 0.02 |
| 0.09 | 3.5 | 3.3 | 0.3  | 9   | 60.06 | 0.23 | 0.11 | 30.07 | 1.17 | 0.02 |
| 0.09 | 3.3 | 3.2 | 0.3  | 9   | 59.61 | 0.22 | 0.12 | 30.81 | 0.80 | 0.02 |
| 0.08 | 3.8 | 3.5 | 0.3  | 9.1 | 64.00 | 0.22 | 0.11 | 31.71 | 1.75 | 0.27 |
| 0.08 | 4   | 3.8 | 0.2  | 8.9 | 58.32 | 0.21 | 0.11 | 30.15 | 0.99 | 0.02 |
| 0.09 | 3.9 | 3.7 | 0.16 | 8.9 | 59.41 | 0.23 | 0.12 | 31.58 | 0.64 | 0.02 |
| 0.08 | 3.9 | 3.6 | 0.14 | 8.8 | 58.78 | 0.24 | 0.12 | 31.47 | 0.54 | 0.02 |
| 0.07 | 3.7 | 3.5 | 0.15 | 8.8 | 60.09 | 0.24 | 0.13 | 32.30 | 0.39 | 0.02 |
| 0.07 | 3.6 | 3.3 | 0.22 | 8.7 | 62.51 | 0.23 | 0.14 | 33.77 | 0.26 | 0.02 |
| 0.08 | 3.5 | 3.2 | 0.24 | 8.8 | 59.30 | 0.22 | 0.11 | 31.86 | 0.28 | 0.02 |
| 0.09 | 3.3 | 3.1 | 0.31 | 8.8 | 59.95 | 0.21 | 0.10 | 31.47 | 0.25 | 0.02 |
| 0.08 | 3.5 | 3.4 | 0.26 | 8.8 | 59.29 | 0.21 | 0.10 | 31.51 | 0.27 | 0.02 |
| 0.08 | 3.5 | 3.4 | 0.27 | 8.8 | 59.58 | 0.21 | 0.10 | 31.57 | 0.26 | 0.02 |
| 0.08 | 3.5 | 3.2 | 0.19 | 8.9 | 60.72 | 0.20 | 0.10 | 32.01 | 0.24 | 0.02 |
| 0.09 | 3.6 | 3.3 | 0.12 | 8.9 | 62.18 | 0.22 | 0.15 | 32.40 | 0.28 | 0.02 |
| 0.07 | 3.9 | 3.3 | 0.13 | 8.9 | 51.51 | 0.22 | 0.11 | 32.10 | 0.25 | 0.02 |

|      |     |     |      |     |        |      |      |       |      |      |
|------|-----|-----|------|-----|--------|------|------|-------|------|------|
| 0.06 | 3.5 | 3.3 | 0.08 | 9   | 62.50  | 0.20 | 0.11 | 32.23 | 0.23 | 0.02 |
| 0.08 | 3.3 | 3.2 | 0.17 | 9   | 63.49  | 0.22 | 0.11 | 33.26 | 0.26 | 0.02 |
| 0.08 | 3.2 | 3.1 | 0.19 | 9   | 68.40  | 0.23 | 0.12 | 35.98 | 0.29 | 0.02 |
| 0.08 | 3.3 | 3.3 | 0.18 | 9.1 | 69.28  | 0.25 | 0.13 | 36.40 | 0.27 | 0.02 |
| 0.07 | 3.4 | 3.2 | 0.18 | 9.1 | 69.20  | 0.25 | 0.13 | 36.28 | 0.27 | 0.02 |
| 0.08 | 3.3 | 3.2 | 0.2  | 9   | 75.47  | 0.28 | 0.13 | 39.38 | 0.27 | 0.02 |
| 0.09 | 3.3 | 3.2 | 0.07 | 8.9 | 70.87  | 0.25 | 0.12 | 36.76 | 0.24 | 0.02 |
| 0.09 | 3.3 | 3.1 | 0.07 | 8.9 | 66.10  | 0.23 | 0.10 | 32.97 | 0.24 | 0.02 |
| 0.09 | 3.5 | 3.3 | 0.07 | 8.8 | 67.11  | 0.20 | 0.10 | 33.85 | 0.24 | 0.02 |
| 0.09 | 3.6 | 3.4 | 0.07 | 8.8 | 68.90  | 0.20 | 0.09 | 33.70 | 0.22 | 0.01 |
| 0.1  | 3.7 | 3.6 | 0.08 | 8.7 | 67.49  | 0.21 | 0.10 | 33.14 | 0.21 | 0.02 |
| 0.09 | 3.6 | 3.5 | 0.13 | 8.8 | 65.42  | 0.20 | 0.10 | 32.34 | 0.23 | 0.01 |
| 0.08 | 3.6 | 3.4 | 0.14 | 8.8 | 66.37  | 0.21 | 0.11 | 32.22 | 0.23 | 0.01 |
| 0.08 | 3.5 | 3.5 | 0.16 | 8.8 | 61.18  | 0.20 | 0.31 | 30.76 | 0.20 | 0.01 |
| 0.09 | 4.1 | 3.7 | 0.21 | 8.8 | 62.41  | 0.04 | 0.30 | 32.10 | 0.19 | 0.01 |
| 0.09 | 4.1 | 4.1 | 0.22 | 8.8 | 62.17  | 0.21 | 0.30 | 32.64 | 0.20 | 0.02 |
| 0.09 | 3.8 | 3.9 | 0.22 | 8.9 | 60.55  | 0.22 | 0.19 | 31.83 | 0.19 | 0.02 |
| 0.1  | 3.5 | 3.8 | 0.22 | 8.8 | 61.13  | 0.24 | 0.31 | 32.24 | 0.19 | 0.01 |
| 0.11 | 3.8 | 3.7 | 0.19 | 8.8 | 61.23  | 0.25 | 0.28 | 33.10 | 0.22 | 0.01 |
| 0.11 | 3.7 | 3.6 | 0.02 | 8.8 | 57.48  | 0.20 | 0.28 | 31.43 | 0.21 | 0.01 |
| 0.1  | 3.7 | 3.6 | 0.01 | 8.7 | 57.78  | 0.20 | 0.28 | 31.36 | 0.19 | 0.01 |
| 0.09 | 3.4 | 3.5 | 0.02 | 8.9 | 57.17  | 0.19 | 0.29 | 31.68 | 0.19 | 0.01 |
| 0.08 | 3.6 | 3.5 | 0.03 | 9   | 55.05  | 0.19 | 0.29 | 30.89 | 0.13 | 0.01 |
| 0.1  | 3.5 | 3.5 | 0.03 | 9.2 | 54.21  | 0.19 | 0.30 | 30.57 | 0.19 | 0.01 |
| 0.08 | 3.9 | 3.9 | 0.01 | 9.2 | 53.82  | 0.21 | 0.27 | 30.83 | 0.21 | 0.01 |
| 0.08 | 3.9 | 3.8 | 0.02 | 9.1 | 53.67  | 0.25 | 0.28 | 30.39 | 0.20 | 0.01 |
| 0.08 | 3.7 | 3.8 | 0.02 | 9.1 | 53.37  | 0.20 | 0.20 | 29.36 | 0.31 | 0.01 |
| 0.09 | 3.8 | 3.8 | 0.04 | 9   | 60.07  | 0.18 | 0.19 | 29.00 | 0.19 | 0.01 |
| 0.1  | 3.7 | 3.7 | 0.04 | 8.9 | 82.56  | 0.23 | 0.11 | 34.68 | 0.26 | 0.02 |
| 0.11 | 3.7 | 3.8 | 0.24 | 8.9 | 89.79  | 0.23 | 0.14 | 34.66 | 0.24 | 0.02 |
| 0.07 | 3.8 | 3.7 | 0.02 | 8.9 | 94.83  | 0.19 | 0.12 | 34.37 | 0.26 | 0.02 |
| 0.1  | 4   | 3.8 | 0.03 | 9   | 101.29 | 0.12 | 0.08 | 34.63 | 0.23 | 0.02 |
| 0.1  | 3.8 | 3.7 | 0.08 | 8.9 | 98.18  | 0.19 | 0.09 | 32.03 | 0.18 | 0.01 |
| 0.09 | 3.6 | 3.7 | 0.06 | 8.9 | 112.46 | 0.26 | 0.11 | 34.82 | 0.19 | 0.01 |
| 0.09 | 3.6 | 3.6 | 0.14 | 9   | 106.84 | 0.19 | 0.11 | 32.93 | 0.19 | 0.02 |
| 0.09 | 3.6 | 3.5 | 0.08 | 8.9 | 104.61 | 0.17 | 0.10 | 31.74 | 0.18 | 0.01 |
| 0.09 | 3.7 | 3.6 | 0.05 | 9   | 111.30 | 0.23 | 0.12 | 32.80 | 0.21 | 0.02 |
| 0.09 | 3.7 | 3.7 | 0.06 | 9   | 104.37 | 0.22 | 0.11 | 29.97 | 0.19 | 0.01 |
| 0.1  | 3.6 | 3.5 | 0.09 | 9   | 116.03 | 0.22 | 0.11 | 32.84 | 0.23 | 0.02 |
| 0.11 | 3.7 | 3.7 | 0.04 | 8.9 | 120.07 | 0.22 | 0.11 | 32.90 | 0.24 | 0.02 |
| 0.1  | 3.7 | 3.6 | 0.08 | 9   | 121.80 | 0.23 | 0.10 | 32.53 | 0.24 | 0.01 |
| 0.09 | 3.7 | 3.6 | 0.08 | 9.2 | 124.40 | 0.23 | 0.11 | 33.00 | 0.22 | 0.01 |
| 0.11 | 3.7 | 3.6 | 0.06 | 9.1 | 131.74 | 0.23 | 0.24 | 34.17 | 0.22 | 0.00 |
| 0.11 | 3.8 | 3.7 | 0.06 | 9   | 137.20 | 0.22 | 0.29 | 35.61 | 0.22 | 0.00 |
| 0.13 | 4   | 3.7 | 0.11 | 8.9 | 138.33 | 0.25 | 0.28 | 35.94 | 0.24 | 0.00 |
| 0.12 | 4   | 3.9 | 0.11 | 8.9 | 140.97 | 0.27 | 0.29 | 33.29 | 0.24 | 0.00 |
| 0.1  | 3.7 | 3.8 | 0.05 | 8.9 | 145.17 | 0.28 | 0.28 | 36.05 | 0.20 | 0.00 |
| 0.09 | 3.5 | 3.5 | 0.04 | 8.8 | 142.08 | 0.26 | 0.27 | 37.52 | 0.24 | 0.00 |
| 0.1  | 3.6 | 3.5 | 0.09 | 9   | 133.36 | 0.24 | 0.23 | 35.78 | 0.20 | 0.00 |
| 0.09 | 3.3 | 3.4 | 0.05 | 9   | 139.20 | 0.29 | 0.31 | 37.65 | 0.23 | 0.00 |
| 0.08 | 3.6 | 3.5 | 0.05 | 9.1 | 138.60 | 0.26 | 0.30 | 38.03 | 0.22 | 0.00 |
| 0.09 | 3.4 | 3.5 | 0.08 | 9   | 139.11 | 0.28 | 0.32 | 38.26 | 0.24 | 0.00 |
| 0.1  | 3.5 | 3.5 | 0.06 | 9   | 140.60 | 0.29 | 0.30 | 38.23 | 0.22 | 0.00 |

|      |     |     |      |     |        |      |      |       |      |      |
|------|-----|-----|------|-----|--------|------|------|-------|------|------|
| 0.09 | 3.5 | 3.4 | 0.07 | 8.9 | 138.51 | 0.23 | 0.12 | 35.46 | 0.00 | 0.34 |
| 0.07 | 3.6 | 3.6 | 0.09 | 8.8 | 148.17 | 0.29 | 0.26 | 40.47 | 0.25 | 0.02 |
| 0.08 | 3.3 | 3.6 | 0.07 | 8.7 | 148.90 | 0.29 | 0.31 | 44.99 | 0.27 | 0.02 |
| 0.08 | 3.7 | 3.7 | 0.05 | 8.8 | 148.62 | 0.29 | 0.30 | 47.83 | 0.33 | 0.02 |
| 0.06 | 3.7 | 3.6 | 0.05 | 9   | 143.24 | 0.31 | 0.30 | 45.63 | 0.26 | 0.02 |
| 0.06 | 3.7 | 3.7 | 0.05 | 9   | 140.96 | 0.29 | 0.30 | 46.82 | 0.27 | 0.02 |
| 0.07 | 3.9 | 3.9 | 0.05 | 9   | 140.82 | 0.29 | 0.29 | 47.49 | 0.26 | 0.02 |
| 0.07 | 4   | 3.8 | 0.07 | 9   | 150.59 | 0.34 | 0.30 | 49.41 | 0.25 | 0.02 |
| 0.06 | 3.7 | 3.7 | 0.06 | 9   | 125.37 | 0.26 | 0.21 | 41.32 | 0.22 | 0.01 |
| 0.07 | 3.3 | 3.8 | 0.07 | 9   | 128.78 | 0.27 | 0.24 | 42.76 | 0.23 | 0.01 |
| 0.06 | 3.8 | 3.7 | 0.05 | 9   | 128.75 | 0.27 | 0.23 | 42.75 | 0.21 | 0.02 |
| 0.07 | 3.9 | 3.7 | 0.08 | 9   | 127.33 | 0.35 | 0.23 | 43.19 | 0.24 | 0.02 |
| 0.06 | 3.4 | 3.5 | 0.06 | 9   | 127.36 | 0.27 | 0.25 | 43.31 | 0.22 | 0.02 |
| 0.06 | 3.2 | 3.3 | 0.03 | 9   | 128.09 | 0.27 | 0.27 | 43.68 | 0.22 | 0.01 |
| 0.07 | 3.7 | 3.6 | 0.04 | 9.1 | 125.88 | 0.26 | 0.26 | 44.86 | 0.21 | 0.02 |
| 0.08 | 3.5 | 3.8 | 0.06 | 9.2 | 114.75 | 0.30 | 0.23 | 43.17 | 0.21 | 0.01 |
| 0.08 | 3.6 | 3.6 | 0.08 | 9.1 | 137.87 | 0.41 | 0.30 | 47.57 | 0.19 | 0.02 |
| 0.09 | 3.9 | 3.9 | 0.05 | 9.1 | 143.64 | 0.45 | 0.35 | 48.83 | 0.19 | 0.01 |
| 0.1  | 4.1 | 4   | 0.04 | 9   | 132.88 | 0.45 | 0.33 | 49.86 | 0.26 | 0.01 |
| 0.09 | 3.9 | 3.7 | 0.03 | 9   | 123.83 | 0.46 | 0.32 | 49.03 | 0.26 | 0.01 |
| 0.08 | 3.9 | 4.1 | 0.01 | 9.1 | 121.11 | 0.48 | 0.33 | 48.83 | 0.25 | 0.01 |
| 0.08 | 4.1 | 3.9 | 0.02 | 8.8 | 117.36 | 0.51 | 0.31 | 47.06 | 0.24 | 0.01 |
| 0.11 | 3.5 | 3.8 | 0.05 | 8.9 | 108.11 | 0.48 | 0.35 | 49.14 | 0.39 | 0.02 |
| 0.1  | 3.6 | 3.7 | 0.04 | 9.1 | 95.93  | 0.43 | 0.33 | 42.99 | 0.24 | 0.01 |
| 0.08 | 3.9 | 4.1 | 0.06 | 9.2 | 95.64  | 0.45 | 0.29 | 44.53 | 0.26 | 0.01 |
| 0.09 | 4   | 4.1 | 0.06 | 9.2 | 96.68  | 0.46 | 0.30 | 46.35 | 0.27 | 0.01 |
| 0.09 | 3.7 | 3.6 | 0.11 | 9.2 | 91.92  | 0.48 | 0.31 | 45.92 | 0.24 | 0.01 |
| 0.06 | 4.2 | 4   | 0.07 | 9.2 | 84.20  | 0.44 | 0.28 | 45.31 | 0.27 | 0.01 |
| 0.06 | 3.5 | 3.3 | 0.12 | 9.2 | 79.95  | 0.42 | 0.29 | 45.21 | 0.30 | 0.01 |
| 0.06 | 3.3 | 3.4 | 0.15 | 9.1 | 71.91  | 0.23 | 0.36 | 40.13 | 0.28 | 0.01 |
| 0.07 | 3.5 | 3.5 | 0.13 | 9.2 | 71.70  | 0.25 | 0.35 | 42.12 | 0.29 | 0.01 |
| 0.12 | 3.5 | 3.8 | 0.07 | 9.1 | 86.96  | 0.26 | 0.48 | 46.48 | 0.19 | 0.01 |
| 0.07 | 3.7 | 3.6 | 0.03 | 9   | 87.87  | 0.50 | 0.11 | 41.46 | 0.20 | 0.01 |
| 0.06 | 3.7 | 3.6 | 0.03 | 9.1 | 78.00  | 0.39 | 0.12 | 38.42 | 0.24 | 0.01 |
| 0.06 | 3.7 | 3.5 | 0.03 | 9.1 | 78.87  | 0.35 | 0.13 | 37.90 | 0.27 | 0.01 |
| 0.07 | 3.5 | 3.6 | 0.03 | 9   | 84.22  | 0.33 | 0.10 | 37.99 | 0.26 | 0.01 |
| 0.07 | 3.3 | 3.4 | 0.07 | 9   | 87.69  | 0.30 | 0.11 | 36.18 | 0.24 | 0.01 |
| 0.07 | 3.5 | 3.6 | 0.05 | 9   | 98.65  | 0.31 | 0.11 | 37.92 | 0.25 | 0.01 |
| 0.06 | 3.7 | 3.9 | 0.06 | 9   | 99.78  | 0.27 | 0.33 | 36.44 | 0.26 | 0.01 |
| 0.07 | 3.9 | 4   | 0.06 | 9   | 99.78  | 0.25 | 0.28 | 35.57 | 0.24 | 0.01 |
| 0.08 | 4   | 3.9 | 0.08 | 9   | 107.24 | 0.25 | 0.10 | 36.40 | 0.28 | 0.01 |
| 0.07 | 3.8 | 3.6 | 0.1  | 9   | 113.89 | 0.27 | 0.35 | 37.28 | 0.33 | 0.02 |
| 0.08 | 3.8 | 3.5 | 0.1  | 9.1 | 118.03 | 0.28 | 0.27 | 37.09 | 0.25 | 0.02 |
| 0.08 | 3.6 | 3.5 | 0.11 | 9.1 | 116.39 | 0.26 | 0.30 | 36.73 | 0.31 | 0.02 |
| 0.08 | 3.6 | 3.5 | 0.1  | 9.1 | 117.21 | 0.26 | 0.09 | 37.81 | 0.32 | 0.02 |
| 0.07 | 3.8 | 3.6 | 0.06 | 9.1 | 118.56 | 0.25 | 0.25 | 38.68 | 0.38 | 0.02 |
| 0.07 | 3.8 | 3.7 | 0.04 | 9.1 | 123.09 | 0.26 | 0.07 | 39.57 | 0.33 | 0.02 |
| 0.08 | 3.5 | 3.6 | 0.02 | 9   | 122.72 | 0.26 | 0.26 | 39.80 | 0.35 | 0.02 |
| 0.07 | 3.6 | 3.4 | 0.06 | 9   | 120.14 | 0.27 | 0.26 | 40.23 | 0.34 | 0.02 |
| 0.07 | 3.5 | 3.4 | 0.08 | 9   | 115.90 | 0.27 | 0.28 | 39.97 | 0.31 | 0.02 |
| 0.07 | 3.7 | 3.6 | 0.08 | 9.1 | 111.84 | 0.27 | 0.26 | 39.72 | 0.28 | 0.02 |
| 0.06 | 3.4 | 3.3 | 0.05 | 9.1 | 104.57 | 0.26 | 0.06 | 37.36 | 0.31 | 0.02 |
| 0.07 | 3.4 | 3.3 | 0.16 | 9.2 | 98.06  | 0.25 | 0.15 | 37.17 | 0.33 | 0.02 |

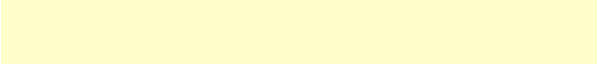
|       |     |     |      |     |        |       |      |       |      |      |
|-------|-----|-----|------|-----|--------|-------|------|-------|------|------|
| 0.07  | 3.4 | 3.4 | 0.12 | 9.2 | 93.50  | 0.21  | 0.19 | 36.49 | 0.29 | 0.02 |
| 0.07  | 3.6 | 3.5 | 0.11 | 9.1 | 93.07  | 0.23  | 0.20 | 36.71 | 0.35 | 0.02 |
| 0.07  | 3.4 | 3.5 | 0.08 | 9.1 | 93.67  | 0.24  | 0.31 | 37.06 | 0.34 | 0.02 |
| 0.07  | 3.6 | 3.6 | 0.07 | 9.1 | 87.29  | 0.24  | 0.25 | 34.57 | 0.39 | 0.02 |
| 0.07  | 3.4 | 3.4 | 0.12 | 9.1 | 119.85 | 0.20  | 0.37 | 50.19 | 0.35 | 0.02 |
| 0.05  | 3.6 | 3.4 | 0.08 | 9.3 | 94.35  | 0.23  | 0.27 | 37.01 | 0.36 | 0.02 |
| 0.06  | 3.4 | 3.4 | 0.02 | 9.2 | 98.12  | 0.23  | 0.26 | 36.75 | 0.36 | 0.02 |
| 0.08  | 2.9 | 2.8 | 0.04 | 9   | 103.34 | 0.21  | 0.34 | 37.87 | 0.33 | 0.01 |
| 0.07  | 3.7 | 3.4 | 0.04 | 9   | 106.49 | 0.25  | 0.49 | 37.68 | 0.35 | 0.02 |
| 0.07  | 3.1 | 3   | 0.03 | 9   | 110.68 | 0.22  | 0.42 | 38.63 | 0.33 | 0.02 |
| 0.08  | 3.1 | 3   | 0.03 | 8.9 | 112.28 | 0.19  | 0.37 | 38.29 | 0.33 | 0.01 |
| 0.07  | 3.6 | 3.1 | 0.04 | 8.8 | 114.84 | 0.22  | 0.28 | 38.57 | 0.29 | 0.01 |
| 0.07  | 4.1 | 4   | 0.04 | 9   | 117.53 | 0.23  | 0.25 | 38.75 | 0.31 | 0.02 |
| 0.07  | 4.2 | 4.1 | 0.04 | 9.2 | 118.24 | 0.23  | 0.17 | 38.94 | 0.28 | 0.02 |
| 0.07  | 4   | 3.8 | 0.04 | 9.3 | 107.75 | 0.23  | 0.22 | 36.45 | 0.30 | 0.02 |
| 0.07  | 3.9 | 3.6 | 0.03 | 9.2 | 111.24 | 0.24  | 0.20 | 37.12 | 0.30 | 0.02 |
| 0.08  | 3.9 | 3.8 | 0.06 | 9   | 114.84 | 0.23  | 0.23 | 37.33 | 0.31 | 0.02 |
| 0.08  | 3.9 | 3.8 | 0.04 | 9.1 | 117.34 | 0.25  | 0.18 | 37.65 | 0.27 | 0.02 |
| 0.09  | 4.1 | 3.7 | 0.04 | 8.9 | 121.05 | 0.23  | 0.21 | 38.04 | 0.28 | 0.02 |
| 0.08  | 4   | 3.8 | 0.05 | 9.1 | 123.25 | 0.24  | 0.19 | 37.43 | 0.24 | 0.02 |
| 0.09  | 3.8 | 3.7 | 0.05 | 9   | 126.04 | 0.27  | 0.10 | 38.21 | 0.28 | 0.02 |
| 0.08  | 4   | 3.6 | 0.05 | 9   | 121.05 | 0.23  | 0.17 | 38.57 | 0.27 | 0.03 |
| 0.08  | 3.7 | 3.7 | 0.06 | 9   | 121.50 | 0.21  | 0.23 | 36.20 | 0.23 | 0.02 |
| 0.09  | 3.5 | 3.4 | 0.04 | 8.9 | 120.92 | 0.27  | 0.16 | 35.39 | 0.24 | 0.01 |
| 10    | 4   | 3.9 | 0.05 | 9   | 130.37 | 0.28  | 0.13 | 35.12 | 0.02 | 0.02 |
| 0.08  | 3.4 | 3.6 | 0.05 | 8.9 | 129.93 | 0.27  | 0.11 | 34.61 | 0.21 | 0.02 |
| 0.08  | 3.1 | 3.5 | 0.03 | 9   | 122.66 | 0.27  | 0.17 | 33.83 | 0.27 | 0.02 |
| 0.09  | 3.6 | 3.6 | 0.02 | 9   | 121.03 | 0.24  | 0.12 | 33.70 | 0.23 | 0.02 |
| 0.105 | 3.4 | 3.6 | 0.03 | 9.2 | 118.85 | 0.27  | 0.27 | 34.22 | 0.24 | 0.02 |
| 0.09  | 3.9 | 3.5 | 0.03 | 9.2 | 112.78 | 0.27  | 0.16 | 33.23 | 0.24 | 0.02 |
| 0.08  | 3.6 | 3.6 | 0.03 | 9.2 | 112.45 | 0.28  | 0.20 | 33.87 | 0.28 | 0.02 |
| 0.08  | 3.4 | 3.4 | 0.02 | 9.4 | 106.61 | 0.30  | 0.17 | 31.36 | 0.26 | 0.02 |
| 0.12  | 3.7 | 3.8 | 0.07 | 9.1 | 103.60 | 0.25  | 0.15 | 30.48 | 0.29 | 0.01 |
| 0.12  | 3.6 | 3.7 | 0.04 | 8.9 | 113.78 | 0.31  | 0.27 | 32.02 | 0.26 | 0.02 |
| 0.11  | 3.6 | 3.6 | 0.02 | 8.9 | 107.80 | 0.29  | 0.30 | 32.84 | 0.31 | 0.02 |
| 0.11  | 3.8 | 3.6 | 0.03 | 9   | 99.18  | 0.25  | 0.24 | 32.04 | 0.29 | 0.02 |
| 0.12  | 4   | 3.7 | 0.02 | 8.9 | 93.76  | 0.26  | 0.21 | 31.97 | 0.38 | 0.02 |
| 0.13  | 4.3 | 4.2 | 0.04 | 8.9 | 91.73  | 0.25  | 0.21 | 31.75 | 0.31 | 0.02 |
| 0.14  | 4.3 | 4.1 | 0.03 | 9   | 87.47  | 0.25  | 0.25 | 31.50 | 0.39 | 0.02 |
| 13    | 4.3 | 4   | 0.03 | 9   | 87.60  | 0.26  | 0.50 | 32.23 | 0.35 | 0.02 |
| 0.11  | 3.9 | 4.2 | 0.04 | 9   | 88.39  | 0.25  | 0.22 | 32.19 | 0.31 | 0.02 |
|       |     |     |      |     | 0.27   | 82.19 | 0.27 | 31.56 | 0.34 | 0.02 |
| 0.12  | 4.9 | 4.1 | 0.05 | 9.1 | 0.38   | 72.18 | 0.21 | 28.66 | 0.31 | 0.02 |
| 0.11  | 4   | 3.9 | 0.05 | 9   | 71.84  | 0.20  | 0.19 | 29.58 | 0.34 | 0.02 |
| 0.11  | 3.9 | 3.7 | 0.04 | 9.1 | 70.98  | 0.25  | 0.16 | 28.70 | 0.28 | 0.02 |
| 0.15  | 3.6 | 3.4 | 0.06 | 9.2 | 66.76  | 0.24  | 0.19 | 27.47 | 0.31 | 0.02 |
| 0.14  | 3.1 | 3.2 | 0.07 | 9.2 | 72.88  | 0.28  | 0.23 | 27.73 | 0.32 | 0.02 |
| 0.18  | 3   | 3   | 0.07 | 9.1 | 75.61  | 0.30  | 0.16 | 29.04 | 0.36 | 0.02 |
| 0.2   | 3.3 | 3.1 | 0.07 | 9.1 | 69.31  | 0.28  | 0.20 | 26.31 | 0.36 | 0.02 |
| 0.13  | 3.2 | 3.1 | 0.06 | 9.1 | 69.12  | 0.26  | 0.21 | 29.11 | 0.34 | 0.02 |
| 0.15  | 3.1 | 3.2 | 0.07 | 9   | 67.27  | 0.24  | 0.23 | 29.15 | 0.39 | 0.02 |
| 0.13  | 3.1 | 3.1 | 0.06 | 9.2 | 69.79  | 0.28  | 0.26 | 31.11 | 0.37 | 0.02 |
| 0.11  | 3.4 | 3.3 | 0.06 | 9.2 | 68.68  | 0.27  | 0.23 | 29.88 | 0.40 | 0.02 |

|      |     |     |      |     |       |      |      |       |      |      |
|------|-----|-----|------|-----|-------|------|------|-------|------|------|
| 0.12 | 3.2 | 3.2 | 0.06 | 9.2 | 67.62 | 0.27 | 0.23 | 28.90 | 0.39 | 0.02 |
| 0.14 | 2.9 | 3   | 0.06 | 9.1 | 64.73 | 0.27 | 0.24 | 28.40 | 0.37 | 0.02 |
| 0.15 | 3.1 | 2.9 | 0.07 | 9.1 | 64.89 | 0.27 | 0.20 | 29.01 | 0.38 | 0.02 |
| 0.13 | 3.5 | 3.4 | 0.07 | 9.1 | 65.31 | 0.27 | 0.25 | 29.32 | 0.42 | 0.02 |
| 0.12 | 3.8 | 3.8 | 0.07 | 9   | 63.00 | 0.27 | 0.18 | 28.61 | 0.43 | 0.02 |
| 0.12 | 3.8 | 3.6 | 0.06 | 8.9 | 54.69 | 0.24 | 0.18 | 25.04 | 0.36 | 0.02 |
| 0.14 | 3.7 | 3.6 | 0.08 | 9   | 62.14 | 0.27 | 0.19 | 29.22 | 0.48 | 0.02 |
| 0.11 | 3.4 | 3.4 | 0.08 | 9.2 | 59.83 | 0.26 | 0.18 | 28.42 | 0.43 | 0.02 |
| 0.09 | 3.1 | 3.2 | 0.18 | 9.2 | 61.53 | 0.25 | 0.25 | 29.08 | 0.54 | 0.03 |
| 0.09 | 3.4 | 3.4 | 0.2  | 9.2 | 59.68 | 0.25 | 0.30 | 29.36 | 0.44 | 0.03 |
| 0.09 | 3.7 | 3.5 | 0.2  | 9   | 48.73 | 0.20 | 0.21 | 23.39 | 0.39 | 0.02 |
| 0.09 | 3.4 | 3.2 | 0.19 | 9   | 61.02 | 0.26 | 0.25 | 30.00 | 0.46 | 0.02 |
| 0.1  | 3.1 | 3.2 | 0.42 | 9.1 | 59.45 | 0.26 | 0.28 | 29.35 | 0.46 | 0.02 |
| 0.1  | 3.8 | 3.4 | 0.03 | 9   | 61.27 | 0.27 | 0.06 | 30.33 | 0.54 | 0.03 |
| 0.1  | 3.5 | 3.3 | 0.05 | 9   | 65.33 | 0.30 | 0.08 | 31.56 | 0.57 | 0.02 |
| 0.1  | 3.2 | 3.2 | 0.06 | 9.1 | 67.85 | 0.27 | 0.07 | 32.67 | 0.49 | 0.02 |
| 0.09 | 3.3 | 3.1 | 0.07 | 9.2 | 70.69 | 0.28 | 0.08 | 33.76 | 0.47 | 0.03 |
| 0.07 | 3.3 | 3.3 | 0.05 | 9.3 | 66.30 | 0.28 | 0.07 | 30.99 | 0.48 | 0.03 |
| 0.06 | 3.4 | 3.4 | 0.05 | 9.3 | 62.54 | 0.25 | 0.25 | 29.62 | 0.51 | 0.03 |
| 0.08 | 3.3 | 3.1 | 0.04 | 9.3 | 60.08 | 0.26 | 0.15 | 29.05 | 0.44 | 0.02 |
| 0.09 | 3.5 | 3.4 | 0.04 | 9.1 | 61.67 | 0.24 | 0.25 | 29.27 | 0.42 | 0.02 |
| 0.09 | 3.2 | 3.3 | 0.06 | 9.2 | 60.03 | 0.24 | 0.21 | 28.34 | 0.42 | 0.03 |
| 0.1  | 3.5 | 3.2 | 0.06 | 9.2 | 62.70 | 0.26 | 0.23 | 29.79 | 0.38 | 0.03 |
| 0.07 | 3.3 | 3.2 | 0.05 | 9.2 | 61.00 | 0.26 | 0.29 | 29.27 | 0.42 | 0.03 |
| 0.07 | 3.3 | 3.3 | 0.04 | 9.1 | 59.03 | 0.24 | 0.11 | 29.01 | 0.36 | 0.03 |
| 0.08 | 3.5 | 3.3 | 0.03 | 9.1 | 60.13 | 0.24 | 0.17 | 28.73 | 0.39 | 0.03 |
| 0.1  | 3.4 | 3.3 | 0.05 | 9.2 | 60.33 | 0.25 | 0.17 | 29.25 | 0.38 | 0.03 |
| 0.08 | 3.7 | 3.7 | 0.06 | 9.1 | 58.46 | 0.24 | 0.14 | 28.71 | 0.47 | 0.02 |
| 0.07 | 3.5 | 3.6 | 0.07 | 8.9 | 59.33 | 0.23 | 0.28 | 29.64 | 0.43 | 0.02 |
| 0.11 | 3.1 | 3.3 | 0.06 | 8.9 | 62.03 | 0.26 | 0.31 | 30.83 | 0.40 | 0.02 |
| 0.08 | 3.2 | 3.3 | 0.08 | 9   | 60.14 | 0.25 | 0.25 | 30.03 | 0.41 | 0.02 |
| 0.11 | 4   | 3.9 | 0.07 | 9.2 | 58.78 | 0.25 | 0.24 | 28.78 | 0.41 | 0.02 |
| 0.09 | 3.8 | 4   | 0.08 | 9.2 | 64.01 | 0.27 | 0.19 | 31.47 | 0.47 | 0.03 |
| 0.09 | 3.9 | 3.7 | 0.1  | 9.3 | 63.13 | 0.28 | 0.22 | 31.41 | 0.59 | 0.03 |
| 0.1  | 3.5 | 3.6 | 0.05 | 9.3 | 59.45 | 0.26 | 0.17 | 29.95 | 0.53 | 0.03 |
| 0.18 | 4.3 | 4.3 | 0.03 | 9.2 | 58.28 | 0.26 | 0.14 | 29.30 | 0.71 | 0.03 |
| 0.08 | 4.4 | 4.1 | 0.02 | 9.3 | 59.81 | 0.25 | 0.23 | 29.78 | 0.60 | 0.03 |
| 0.1  | 4.3 | 4   | 0.04 | 9.2 | 60.55 | 0.26 | 0.21 | 30.51 | 0.66 | 0.03 |
| 0.08 | 4   | 3.8 | 0.03 | 9.1 | 61.75 | 0.25 | 0.17 | 31.13 | 0.70 | 0.04 |
| 0.1  | 3.5 | 3.4 | 0.28 | 9.2 | 61.28 | 0.24 | 0.21 | 30.50 | 0.65 | 0.04 |
| 0.1  | 3.2 | 3.2 | 0.17 | 9.2 | 59.15 | 0.23 | 0.20 | 29.48 | 0.62 | 0.03 |
| 0.09 | 3.6 | 3.6 | 0.14 | 9.2 | 61.85 | 0.31 | 0.18 | 31.42 | 0.41 | 0.03 |
| 0.07 | 4   | 3.6 | 0.06 | 9.1 | 62.40 | 0.30 | 0.19 | 31.09 | 0.49 | 0.03 |
| 0.08 | 3.6 | 3.6 | 0.09 | 9.1 | 57.16 | 0.28 | 0.22 | 28.50 | 0.55 | 0.03 |
| 0.08 | 3.5 | 3.4 | 0.13 | 9.1 | 57.11 | 0.29 | 0.24 | 28.70 | 0.57 | 0.03 |
| 0.08 | 3.4 | 3.3 | 0.02 | 9   | 61.70 | 0.30 | 0.24 | 30.81 | 0.68 | 0.04 |
| 0.07 | 3.4 | 3.3 | 0.03 | 9.1 | 59.66 | 0.30 | 0.23 | 30.24 | 0.62 | 0.04 |
| 0.07 | 3.3 | 3.2 | 0.03 | 9.1 | 56.97 | 0.29 | 0.24 | 29.64 | 0.66 | 0.04 |
| 0.07 | 3.4 | 3.2 | 0.04 | 9.1 | 52.96 | 0.22 | 0.21 | 26.82 | 0.56 | 0.03 |
| 0.08 | 3.4 | 3.3 | 0.04 | 9.1 | 53.32 | 0.25 | 0.20 | 27.08 | 0.69 | 0.04 |
| 0.07 | 3.6 | 3.6 | 0.05 | 8.9 | 50.82 | 0.23 | 0.17 | 26.11 | 0.49 | 0.04 |
| 0.08 | 3.7 | 3.4 | 0.04 | 8.8 | 54.14 | 0.24 | 0.17 | 27.07 | 0.50 | 0.03 |
| 0.08 | 3.5 | 3.4 | 0.03 | 8.8 | 50.25 | 0.23 | 0.19 | 26.28 | 0.39 | 0.02 |

|      |     |     |      |     |       |      |      |       |      |      |
|------|-----|-----|------|-----|-------|------|------|-------|------|------|
| 0.07 | 3.4 | 3.3 | 0.04 | 8.9 | 50.23 | 0.24 | 0.20 | 26.50 | 0.36 | 0.02 |
| 0.17 | 3.3 | 3.5 | 0.05 | 9   | 64.19 | 0.37 | 0.20 | 31.44 | 0.25 | 0.02 |
| 0.17 | 3.7 | 3.6 | 0.1  | 9   | 75.46 | 0.48 | 0.27 | 37.32 | 0.22 | 0.03 |
| 0.14 | 3.6 | 3.5 | 0.07 | 9   | 75.85 | 0.14 | 0.30 | 40.00 | 0.33 | 0.35 |
| 0.11 | 3.5 | 3.4 | 0.08 | 8.9 | 75.27 | 0.65 | 0.28 | 40.25 | 0.33 | 0.05 |
| 0.11 | 3.5 | 3.5 | 0.09 | 9.1 | 72.44 | 0.68 | 0.24 | 39.64 | 0.34 | 0.05 |
| 0.14 | 3.4 | 3.4 | 0.11 | 9.2 | 65.71 | 0.63 | 0.31 | 38.17 | 0.35 | 0.04 |
| 0.12 | 3.4 | 3.4 | 0.1  | 9.2 | 63.18 | 0.64 | 0.26 | 37.24 | 0.32 | 0.05 |
| 0.12 | 3.5 | 3.4 | 0.07 | 9.1 | 59.35 | 0.66 | 0.26 | 37.19 | 0.36 | 0.05 |
| 0.07 | 4.1 | 3.6 | 0.07 | 9   | 43.10 | 0.37 | 0.22 | 32.26 | 0.34 | 0.05 |
| 0.06 | 3.7 | 3.6 | 0.08 | 9.1 | 34.47 | 0.28 | 0.28 | 30.39 | 0.52 | 0.06 |
| 0.07 | 3.3 | 3.3 | 0.08 | 9   | 36.11 | 0.23 | 0.15 | 29.97 | 0.60 | 0.06 |
| 0.06 | 3.5 | 3.3 | 0.07 | 9.1 | 34.38 | 0.23 | 0.27 | 30.08 | 0.82 | 0.05 |
| 0.06 | 3.5 | 3.2 | 0.06 | 9.3 | 32.90 | 0.23 | 0.16 | 29.77 | 0.77 | 0.07 |
| 0.06 | 3.5 | 3.2 | 0.06 | 9.3 | 32.90 | 0.23 | 0.21 | 29.64 | 0.95 | 0.05 |
| 0.07 | 3.5 | 3.2 | 0.07 | 9.3 | 32.45 | 0.27 | 0.15 | 29.41 | 0.93 | 0.06 |
| 0.07 | 3.3 | 3.3 | 0.08 | 9   | 31.41 | 0.27 | 0.18 | 29.91 | 0.94 | 0.05 |
| 0.07 | 3.3 | 3   | 0.09 | 9   | 30.84 | 0.25 | 0.22 | 30.57 | 0.92 | 0.05 |
| 0.07 | 3.2 | 3.1 | 0.09 | 9.3 | 60.64 | 0.23 | 0.23 | 29.97 | 0.97 | 0.06 |
| 0.07 | 3.5 | 3.4 | 0.15 | 8.9 | 27.73 | 0.25 | 0.15 | 29.91 | 0.82 | 0.06 |
| 0.08 | 3.6 | 3.4 | 0.09 | 8.9 | 28.64 | 0.24 | 0.20 | 30.34 | 1.06 | 0.05 |
| 0.08 | 3.8 | 3.7 | 0.1  | 8.9 | 26.98 | 0.25 | 0.25 | 29.88 | 0.96 | 0.05 |
| 0.09 | 3.8 | 3.6 | 0.08 | 8.8 | 26.37 | 0.24 | 0.24 | 29.76 | 0.80 | 0.05 |
| 0.08 | 3.8 | 3.8 | 0.07 | 8.9 | 25.56 | 0.21 | 0.23 | 29.48 | 0.68 | 0.05 |
| 0.08 | 3.6 | 3.3 | 0.19 | 8.7 | 24.93 | 0.22 | 0.22 | 29.45 | 0.57 | 0.05 |
| 0.07 | 3.9 | 3.7 | 0.17 | 8.9 | 25.01 | 0.22 | 0.22 | 29.10 | 0.62 | 0.05 |
| 0.08 | 3.7 | 3.6 | 0.09 | 9   | 24.90 | 0.24 | 0.20 | 28.96 | 0.59 | 0.05 |
| 0.08 | 3.5 | 3.3 | 0.07 | 9   | 25.01 | 0.23 | 0.21 | 28.50 | 0.57 | 0.05 |
| 0.08 | 3.7 | 3.6 | 0.06 | 9.4 | 26.73 | 0.25 | 0.21 | 29.13 | 0.71 | 0.05 |
| 0.08 | 3.9 | 3.6 | 0.07 | 9.3 | 25.23 | 0.22 | 0.20 | 28.12 | 0.64 | 0.05 |
| 0.08 | 3.7 | 3.5 | 0.09 | 9.3 | 27.78 | 0.27 | 0.29 | 30.18 | 0.97 | 0.05 |
| 0.1  | 3.7 | 3.4 | 0.09 | 8.9 | 26.29 | 0.34 | 0.30 | 30.47 | 0.91 | 0.06 |
| 0.09 | 3.6 | 3.3 | 0.09 | 9.2 | 27.37 | 0.31 | 0.30 | 30.48 | 1.05 | 0.06 |
| 0.09 | 3.7 | 3.3 | 0.09 | 9.3 | 26.87 | 0.29 | 0.31 | 31.16 | 0.95 | 0.06 |
| 0.09 | 3.7 | 3.5 | 0.13 | 9.1 | 27.13 | 0.31 | 0.31 | 31.40 | 0.98 | 0.06 |
| 0.08 | 3.7 | 3.6 | 0.12 | 9.4 | 27.17 | 0.35 | 0.35 | 31.60 | 0.91 | 0.06 |
| 0.09 | 3.8 | 3.7 | 0.12 | 9.2 | 28.18 | 0.34 | 0.39 | 31.98 | 0.95 | 0.07 |
| 0.09 | 4   | 3.8 | 0.14 | 9.1 | 27.25 | 0.31 | 0.39 | 31.44 | 0.96 | 0.07 |
| 0.11 | 3.4 | 3.2 | 0.12 | 8.7 | 28.46 | 0.31 | 0.24 | 30.25 | 0.80 | 0.06 |
| 0.09 | 3.6 | 3.3 | 0.13 | 9.1 | 28.07 | 0.37 | 0.28 | 31.00 | 0.66 | 0.06 |
| 0.09 | 4   | 3.7 | 0.13 | 9.1 | 27.53 | 0.37 | 0.26 | 30.92 | 0.65 | 0.06 |
| 0.09 | 3.8 | 3.8 | 0.12 | 9   | 26.25 | 0.35 | 0.24 | 30.89 | 0.64 | 0.06 |
| 0.09 | 3.9 | 3.7 | 0.13 | 9.1 | 25.63 | 0.36 | 0.31 | 30.73 | 0.70 | 0.05 |
| 0.08 | 3.8 | 3.6 | 0.14 | 9.2 | 25.40 | 0.32 | 0.25 | 30.51 | 0.70 | 0.06 |
| 0.07 | 3.9 | 3.8 | 0.1  | 9.4 | 25.24 | 0.36 | 0.31 | 30.24 | 0.70 | 0.06 |
| 0.1  | 3.9 | 3.7 | 0.12 | 8.8 | 24.71 | 0.34 | 0.26 | 30.01 | 0.73 | 0.05 |
| 0.09 | 3.9 | 3.6 | 0.12 | 8.5 | 24.95 | 0.32 | 0.26 | 30.31 | 0.67 | 0.05 |
| 0.1  | 3.6 | 3.7 | 0.13 | 9   |       |      |      |       |      |      |
| 0.09 | 3.7 | 3.4 | 0.11 | 9.1 |       |      |      |       |      |      |
| 0.09 | 9.8 | 3.5 | 0.09 | 9.1 |       |      |      |       |      |      |
| 0.09 | 3.7 | 3.4 | 0.09 | 9.2 |       |      |      |       |      |      |
| 0.08 | 3.9 | 3.4 | 0.11 | 9.3 |       |      |      |       |      |      |
| 0.1  | 3.6 | 3.3 | 0.17 | 9.1 |       |      |      |       |      |      |

|      |     |     |      |     |
|------|-----|-----|------|-----|
| 0.1  | 3.7 | 3.2 | 0.14 | 9.3 |
| 0.1  | 3.4 | 3.2 | 0.12 | 8.5 |
| 0.1  | 3.4 | 3.2 | 0.08 | 9   |
| 0.09 | 3.6 | 3.5 | 0.08 | 9.2 |
| 0.1  | 3.5 | 3.4 | 0.09 | 9.3 |
| 0.1  | 3.3 | 3.1 | 0.1  | 9.3 |

|     |                         |                     |                    |      |
|-----|-------------------------|---------------------|--------------------|------|
|     |                         |                     |                    |      |
| 1   | 1                       | 1                   | 1                  | 3    |
| TOC | <i>E. coli</i><br>(MPN) | Crypto<br>oocysts/l | Giardia<br>cysts/l | Temp |



5.10

ND

25.1

|      |    |        |        |      |
|------|----|--------|--------|------|
| 4.18 | ND |        |        | 26.3 |
| 3.30 | ND |        |        | 27   |
| 2.90 | ND |        |        | 26.7 |
| 2.66 | ND |        |        | 27.9 |
| 2.72 | ND |        |        | 27.5 |
| 2.84 | ND | <0.008 | <0.008 | 26.3 |
| 2.83 | ND |        |        | 25.2 |
| 2.83 | ND |        |        | 25.4 |
| 2.83 | ND |        |        | 24.6 |
| 2.76 | ND |        |        | 24.5 |
| 2.60 | ND |        |        | 25.6 |
| 2.77 | ND |        |        | 26.4 |
| 2.75 | ND |        |        | 26.5 |
| 2.85 | ND |        |        | 26.9 |
| 2.77 | ND |        |        | 27.6 |
| 2.94 | ND |        |        | 28   |
| 2.71 | ND |        |        | 27.9 |
| 2.79 | ND |        |        | 29.2 |
| 2.71 | ND |        |        | 28.3 |
| 2.63 | ND |        |        | 26.4 |
| 2.65 | ND |        |        | 25.6 |
| 2.72 | ND |        |        | 26   |
| 2.66 | ND |        |        | 25.8 |
| 2.72 | ND |        |        | 25.9 |
| 2.86 | ND |        |        | 26.9 |
| 2.82 | ND |        |        | 26.4 |
| 2.93 | ND | <0.002 | <0.002 | 26.8 |
| 2.85 | ND |        |        | 30.4 |
| 2.81 | ND |        |        | 28   |
| 2.88 | ND |        |        | 27.4 |
| 2.78 | ND |        |        | 27.4 |
| 2.77 | ND |        |        | 28.3 |
| 2.90 | ND |        |        | 27.8 |
| 2.93 | ND |        |        | 27.8 |
| 2.89 | ND |        |        | 28.1 |
| 2.73 | ND |        |        | 27.1 |
| 2.99 | ND |        |        | 28.6 |
| 2.79 | ND |        |        | 27.3 |
| 2.60 | ND |        |        | 27.5 |
| 2.67 | ND |        |        | 27.7 |
| 2.78 | ND | <0.006 | <0.006 | 27.8 |
| 2.69 | ND |        |        | 27.4 |
| 2.68 | ND |        |        | 28.5 |
| 2.70 | ND |        |        | 27.6 |
| 2.72 | ND |        |        | 28.3 |
| 2.71 | ND |        |        | 28.5 |
| 2.78 | ND |        |        | 28.2 |
| 2.79 | ND |        |        | 28.4 |
| 2.74 | ND |        |        | 28.2 |
| 2.78 | ND |        |        | 27.6 |
| 2.78 | ND |        |        | 27.2 |
| 2.67 | ND |        |        | 26.9 |
| 2.63 | ND |        |        | 28.6 |

|      |    |        |        |      |
|------|----|--------|--------|------|
| 2.69 | ND |        |        | 29.1 |
| 2.68 | ND |        |        | 28.4 |
| 2.75 | ND | <0.009 | <0.009 | 27.6 |
| 2.97 | ND |        |        | 27.2 |
| 2.59 | ND |        |        | 27.1 |
| 2.76 | ND |        |        | 25.1 |
| 2.67 | ND |        |        | 25.9 |
| 2.50 | ND |        |        | 26.2 |
| 2.55 | ND |        |        | 28.1 |
| 2.49 | ND |        |        | 26.9 |
| 2.59 | ND |        |        | 25.6 |
| 2.69 | ND |        |        | 24.5 |
| 2.75 | ND |        |        | 22.3 |
| 2.72 | ND |        |        | 23.1 |
| 2.93 | ND |        |        | 24.1 |
| 2.80 | ND | <0.010 | <0.010 | 24.4 |
| 2.68 | ND |        |        | 24.4 |
| 3.11 | ND |        |        | 25.4 |
| 3.25 | ND |        |        | 25.5 |
| 2.96 | ND |        |        | 26.4 |
| 2.99 | ND |        |        | 26   |
| 3.14 | ND |        |        | 25.1 |
| 2.97 | ND |        |        | 24.3 |
| 3.46 | ND |        |        | 25.2 |
| 2.83 | ND |        |        | 24.1 |
| 3.00 | ND |        |        | 24.1 |
| 3.20 | ND |        |        | 24   |
| 3.09 | ND |        |        | 24.8 |
| 3.06 | ND |        |        | 24.8 |
| 3.43 | ND |        |        | 24.5 |
| 3.03 | ND |        |        | 25   |
| 3.06 | ND |        |        | 24.7 |
| 3.06 | ND |        |        | 23.2 |
| 3.12 | ND |        |        | 23.1 |
| 3.11 | ND |        |        | 23.3 |
| 3.08 | ND |        |        | 23.8 |
| 3.22 | ND |        |        | 24.2 |
| 3.51 | ND |        |        | 24.2 |
| 3.48 | ND |        |        | 24.2 |
| 3.40 | ND |        |        | 23.3 |
| 3.33 | ND |        |        | 21.9 |
| 3.07 | ND |        |        | 21.6 |
| 3.01 | ND |        |        | 21.5 |
| 3.12 | ND |        |        | 20.1 |
| 3.11 | ND |        |        | 21.2 |
| 3.11 | ND |        |        | 20.8 |
| 3.05 | ND |        |        | 21.2 |
| 3.01 | ND |        |        | 21.7 |
| 2.91 | ND |        |        | 21.3 |
| 2.81 | ND |        |        | 21.4 |
| 3.08 | ND | <0.010 | <0.010 | 22.1 |
| 3.20 | ND |        |        | 21.6 |
| 3.28 | ND |        |        | 22.3 |

|      |    |        |        |      |
|------|----|--------|--------|------|
| 3.05 | ND |        |        | 22.3 |
| 3.27 | ND |        |        | 22.7 |
| 3.27 | ND |        |        | 22.2 |
| 3.32 | ND |        |        | 23.3 |
| 3.17 | ND |        |        | 22.6 |
| 3.69 | ND |        |        | 20.9 |
| 2.51 | ND |        |        | 20.9 |
| 2.58 | ND |        |        | 20.3 |
| 2.61 | ND |        |        | 18.9 |
| 2.55 | ND |        |        | 19.4 |
| 2.54 | ND |        |        | 18.5 |
| 2.99 | ND |        |        | 17.9 |
| 3.61 | ND | <0.008 | <0.008 | 17.6 |
| 2.94 | ND |        |        | 17.8 |
| 2.92 | ND |        |        | 16.8 |
| 2.83 | ND |        |        | 18   |
| 2.80 | ND |        |        | 18.2 |
| 2.86 | ND |        |        | 18.8 |
| 2.96 | ND |        |        | 16.2 |
| 2.88 | ND |        |        | 12.2 |
| 2.83 | ND |        |        | 12.7 |
| 2.81 | ND |        |        | 11.9 |
| 2.77 | ND |        |        | 13.6 |
| 2.79 | ND |        |        | 12   |
| 2.69 | ND |        |        | 11.2 |
| 2.76 | ND | <0.004 | <0.004 | 11.9 |
| 2.85 | ND |        |        | 12.7 |
| 2.99 | ND |        |        | 13.5 |
| 3.29 | ND |        |        | 15.8 |
| 3.42 | ND |        |        | 16.2 |
| 3.68 | ND |        |        | 15.6 |
| 3.78 | ND |        |        | 14.5 |
| 3.95 | ND |        |        | 14.2 |
| 4.13 | ND |        |        | 14.2 |
| 4.12 | ND |        |        | 13.6 |
| 4.35 | ND |        |        | 14.5 |
| 4.47 | ND |        |        | 16.8 |
| 4.50 | ND |        |        | 16.4 |
| 4.37 | ND |        |        | 11.1 |
| 4.56 | ND | <0.007 | <0.007 | 12.5 |
| 4.65 | ND |        |        | 13.6 |
| 4.60 | ND |        |        | 14.1 |
| 4.65 | ND |        |        | 15.5 |
| 5.37 | ND |        |        | 15.4 |
| 5.31 | ND |        |        | 13.8 |
| 5.29 | ND |        |        | 15.7 |
| 5.40 | ND |        |        | 15.1 |
| 5.12 | ND |        |        | 15.4 |
| 4.77 | ND |        |        | 15.4 |
| 4.81 | ND |        |        | 15.8 |
| 4.79 | ND |        |        | 16.8 |
| 4.69 | ND |        |        | 16.7 |
| 5.00 | ND |        |        | 15.5 |

|      |    |        |        |      |
|------|----|--------|--------|------|
| 4.79 | ND | <0.006 | <0.006 | 14.6 |
| 4.83 | ND |        |        | 14   |
| 4.78 | ND |        |        | 14.1 |
| 4.72 | ND |        |        | 14.4 |
| 4.47 | ND |        |        | 14.3 |
| 4.54 | ND |        |        | 13.8 |
| 4.41 | ND |        |        | 14.3 |
| 5.09 | ND |        |        | 13.7 |
| 4.76 | ND |        |        | 12.7 |
| 4.89 | ND |        |        | 13.2 |
| 4.97 | ND |        |        | 13.1 |
| 4.80 | ND |        |        | 12.3 |
| 5.03 | ND |        |        | 11.6 |
| 5.19 | ND |        |        | 11.6 |
| 5.03 | ND |        |        | 11.6 |
| 5.01 | ND |        |        | 10.1 |
| 5.83 | ND |        |        | 9    |
| 5.48 | ND |        |        | 9.7  |
| 5.48 | ND |        |        | 10   |
| 5.07 | ND |        |        | 7.9  |
| 4.92 | ND |        |        | 10.4 |
| 4.84 | ND | <0.007 | <0.007 | 9.3  |
| 5.13 | ND |        |        | 7.9  |
| 4.85 | ND |        |        | 8.4  |
| 4.59 | ND |        |        | 8.4  |
| 4.66 | ND |        |        | 9.5  |
| 4.64 | ND |        |        | 8.4  |
| 4.28 | ND |        |        | 8.9  |
| 3.86 | ND |        |        | 8.1  |
| 3.65 | ND |        |        | 8.4  |
| 3.66 | ND |        |        | 9.3  |
| 4.55 | ND |        |        | 9.7  |
| 4.67 | ND |        |        | 8.1  |
| 4.02 | ND |        |        | 10.7 |
| 4.78 | ND |        |        | 10.7 |
| 4.43 | ND | <0.006 | <0.006 | 10.4 |
| 4.34 | ND |        |        | 11.4 |
| 4.75 | ND |        |        | 11.5 |
| 4.65 | ND |        |        | 12.2 |
| 4.66 | ND |        |        | 11.6 |
| 4.74 | ND |        |        | 11.4 |
| 4.86 | ND |        |        | 11.6 |
| 5.31 | ND |        |        | 13.3 |
| 5.00 | ND |        |        | 15.2 |
| 4.91 | ND |        |        | 14.1 |
| 4.62 | ND |        |        | 13.7 |
| 4.83 | ND |        |        | 12.7 |
| 4.77 | ND |        |        | 13.7 |
| 4.70 | ND |        |        | 11   |
| 4.63 | ND | <0.008 | <0.008 | 11.7 |
| 4.20 | ND |        |        | 11.9 |
| 4.24 | ND |        |        | 10.5 |
| 4.20 | ND |        |        | 11.6 |

|      |    |                                                                                     |        |      |
|------|----|-------------------------------------------------------------------------------------|--------|------|
| 4.25 | ND |                                                                                     |        | 12.6 |
| 3.98 | ND |                                                                                     |        | 14.2 |
| 4.04 | ND |                                                                                     |        | 14.2 |
| 4.00 | ND |                                                                                     |        | 15.7 |
| 4.71 | ND |                                                                                     |        | 14.9 |
| 4.02 | ND |                                                                                     |        | 14   |
| 4.19 | ND |                                                                                     |        | 14.1 |
| 4.51 | ND |                                                                                     |        | 15.7 |
| 4.45 | ND |                                                                                     |        | 15.7 |
| 4.42 | ND |                                                                                     |        | 12.1 |
| 4.43 | ND | <0.007                                                                              | <0.007 | 13.4 |
| 4.57 | ND |                                                                                     |        | 11.9 |
| 4.54 | ND |                                                                                     |        | 12.3 |
| 4.48 | ND |                                                                                     |        | 13   |
| 4.52 | ND |                                                                                     |        | 13.9 |
| 4.47 | ND |                                                                                     |        | 13.1 |
| 4.56 | ND |                                                                                     |        | 11.3 |
| 4.73 | ND |                                                                                     |        | 11   |
| 4.91 | ND |                                                                                     |        | 10.8 |
| 5.17 | ND |                                                                                     |        | 10.5 |
| 4.98 | ND |                                                                                     |        | 8.1  |
| 4.95 | ND |                                                                                     |        | 10   |
| 4.85 | ND |                                                                                     |        | 8.4  |
| 4.93 | ND |                                                                                     |        | 9.4  |
| 5.26 | ND | <0.006                                                                              | <0.006 | 9.1  |
| 5.19 | ND |                                                                                     |        | 9.8  |
| 5.01 | ND |                                                                                     |        | 9.1  |
| 4.90 | ND |                                                                                     |        | 10.3 |
| 4.83 | ND |                                                                                     |        | 10.9 |
| 4.71 | ND |                                                                                     |        | 12.3 |
| 4.57 | ND |                                                                                     |        | 13.6 |
| 4.40 | ND |                                                                                     |        | 13.4 |
| 4.53 | ND |                                                                                     |        | 14.9 |
| 4.92 | ND |                                                                                     |        | 13.7 |
| 4.59 | ND |                                                                                     |        | 14.7 |
| 4.59 | ND |                                                                                     |        | 15.5 |
| 4.73 | ND |                                                                                     |        | 17.4 |
| 4.18 | ND |                                                                                     |        | 17.2 |
| 4.10 | ND | <0.008                                                                              | <0.008 | 17.1 |
| 4.06 | ND |                                                                                     |        | 16.3 |
| 4.14 | ND |                                                                                     |        | 16.8 |
| 4.00 | ND |  |        |      |
| 3.69 | ND |                                                                                     |        | 16.6 |
| 3.61 | ND |                                                                                     |        | 16.5 |
| 3.71 | ND |                                                                                     |        | 17.3 |
| 3.61 | ND |                                                                                     |        | 18   |
| 3.59 | ND |                                                                                     |        | 18.9 |
| 3.34 | ND |                                                                                     |        | 17.4 |
| 3.36 | ND |                                                                                     |        | 17.3 |
| 3.26 | ND |                                                                                     |        | 17.8 |
| 3.35 | ND |                                                                                     |        | 19.3 |
| 3.29 | ND |                                                                                     |        | 20.6 |
| 3.28 | ND |                                                                                     |        | 19.6 |

|      |    |        |        |      |
|------|----|--------|--------|------|
| 3.16 | ND |        |        | 19.6 |
| 3.03 | ND |        |        | 21.1 |
| 3.09 | ND |        |        | 20.6 |
| 3.01 | ND |        |        | 19   |
| 2.94 | ND |        |        | 19.1 |
| 3.27 | ND |        |        | 19.7 |
| 2.95 | ND | <0.008 | <0.008 | 20.5 |
| 2.89 | ND |        |        | 20.6 |
| 2.70 | ND |        |        | 21   |
| 2.57 | ND |        |        | 19.5 |
| 2.73 | ND |        |        | 21.3 |
| 2.65 | ND |        |        | 20.9 |
| 2.64 | ND |        |        | 20.5 |
| 2.64 | ND |        |        | 19.9 |
| 2.70 | ND |        |        | 19.3 |
| 2.82 | ND |        |        | 20   |
| 2.88 | ND |        |        | 20.1 |
| 2.90 | ND |        |        | 19.9 |
| 2.67 | ND |        |        | 19.9 |
| 2.59 | ND |        |        | 18.7 |
| 2.77 | ND | <0.006 | <0.006 | 19.7 |
| 2.66 | ND |        |        | 19.8 |
| 2.79 | ND |        |        | 20.4 |
| 2.69 | ND |        |        | 20.5 |
| 2.50 | ND |        |        | 21.6 |
| 2.67 | ND |        |        | 21.1 |
| 2.53 | ND |        |        | 19.8 |
| 2.65 | ND |        |        | 19   |
| 2.56 | ND |        |        | 20.1 |
| 2.69 | ND |        |        | 19.6 |
| 2.63 | ND |        |        | 20.3 |
| 2.76 | ND |        |        | 20.4 |
| 2.59 | ND |        |        | 21.2 |
| 2.69 | ND |        |        | 22.4 |
| 2.54 | ND | <0.005 | <0.005 | 21.4 |
| 2.58 | ND |        |        | 23.2 |
| 2.55 | ND |        |        | 21   |
| 2.53 | ND |        |        | 21.5 |
| 2.68 | ND |        |        | 21.9 |
| 2.68 | ND |        |        | 22.6 |
| 2.64 | ND |        |        | 21.1 |
| 2.74 | ND |        |        | 20.9 |
| 2.79 | ND |        |        | 20.9 |
| 2.65 | ND |        |        | 21.9 |
| 2.44 | ND |        |        | 22.1 |
| 2.66 | ND |        |        | 21.9 |
| 2.41 | ND |        |        | 23.2 |
| 2.35 | ND |        |        | 22.9 |
| 2.27 | ND | <0.008 | <0.008 | 23.2 |
| 2.18 | ND |        |        | 22.4 |
| 2.03 | ND |        |        | 21.2 |
| 2.40 | ND |        |        | 20.5 |
| 2.37 | ND |        |        | 21.3 |

|      |    |        |        |      |
|------|----|--------|--------|------|
| 2.31 | ND |        |        | 20.7 |
| 3.05 | ND |        |        | 21.4 |
| 3.50 | ND |        |        | 21.2 |
| 3.40 | ND |        |        | 22   |
| 3.23 | ND |        |        | 22.1 |
| 3.02 | ND |        |        | 22.1 |
| 3.00 | ND |        |        | 21.9 |
| 2.90 | ND |        |        | 22.8 |
| 2.96 | ND |        |        | 23   |
| 2.24 | ND |        |        | 23.4 |
| 1.81 | ND |        |        | 23.5 |
| 1.58 | ND |        |        | 22   |
| 1.73 | ND |        |        | 24   |
| 1.54 | ND |        |        | 25.3 |
| 1.48 | ND |        |        | 24.5 |
| 1.46 | ND |        |        | 26.1 |
| 1.74 | ND | <0.006 | <0.006 | 25.6 |
| 1.59 | ND |        |        | 26.2 |
| 1.49 | ND |        |        | 25.9 |
| 1.57 | ND |        |        | 25.8 |
| 1.75 | ND |        |        | 24.8 |
| 1.60 | ND |        |        | 24.8 |
| 1.54 | ND |        |        | 24.3 |
| 1.49 | ND |        |        | 25   |
| 1.49 | ND |        |        | 24.7 |
| 1.41 | ND |        |        | 24.6 |
| 1.43 | ND |        |        | 24.9 |
| 1.56 | ND |        |        | 26.4 |
| 1.42 | ND |        |        | 25.5 |
| 1.45 | ND |        |        | 25.7 |
| 1.51 | ND | <0.006 | <0.006 | 25.7 |
| 1.57 | ND |        |        | 26.8 |
| 1.58 | ND |        |        | 27.7 |
| 1.62 | ND |        |        | 27   |
| 1.67 | ND |        |        | 26.5 |
| 1.77 | ND |        |        | 26.5 |
| 1.79 | ND |        |        | 26.9 |
| 1.95 | ND |        |        | 27.1 |
| 2.09 | ND |        |        | 27.6 |
| 2.17 | ND |        |        | 27.3 |
| 2.09 | ND |        |        | 26.3 |
| 1.95 | ND |        |        | 26.9 |
| 1.98 | ND |        |        | 26.8 |
| 1.97 | ND |        |        | 27   |
| 1.97 | ND | <0.010 | <0.010 | 27   |
| 1.92 | ND |        |        | 27   |
| 1.96 | ND |        |        | 25.6 |
| 1.87 | ND |        |        | 26.9 |
| 1.87 | ND |        |        | 25.7 |
| 1.88 | ND |        |        | 27.7 |
| 1.74 | ND |        |        | 28.3 |
| 1.81 | ND |        |        | 28.3 |
| 1.94 | ND |        |        | 28.9 |

|      |    |      |
|------|----|------|
| 1.97 | ND | 28.7 |
| 1.89 | ND | 28.3 |
|      | ND | 28.2 |
|      | ND | 29.1 |
|      | ND | 27.8 |
|      | ND | 26   |