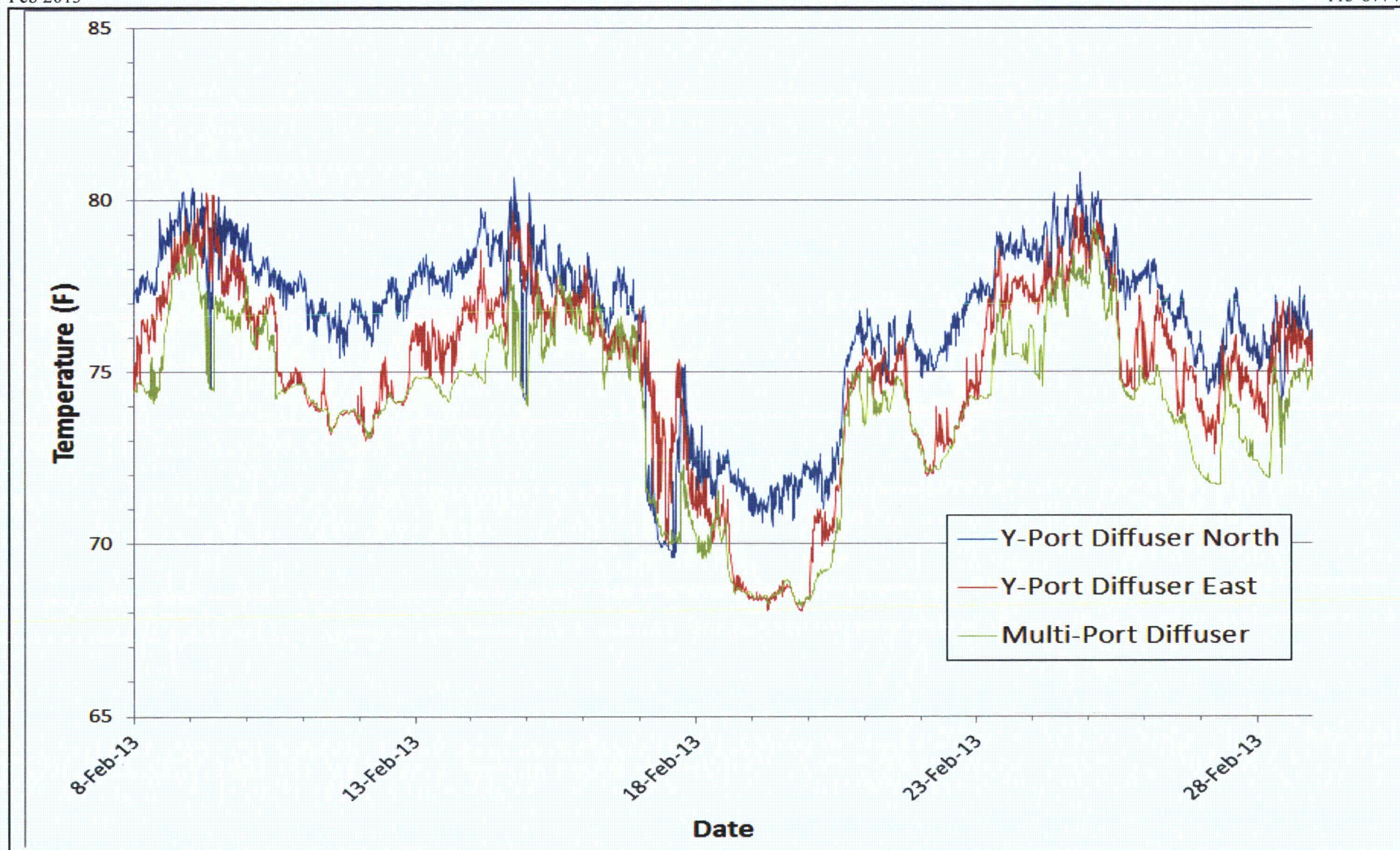


**ATTACHMENT 2**

**SEA SURFACE TEMPERATURES AT  
DISCHARGE STATIONS PRESENTED MONTHLY**



Attachment 2-1

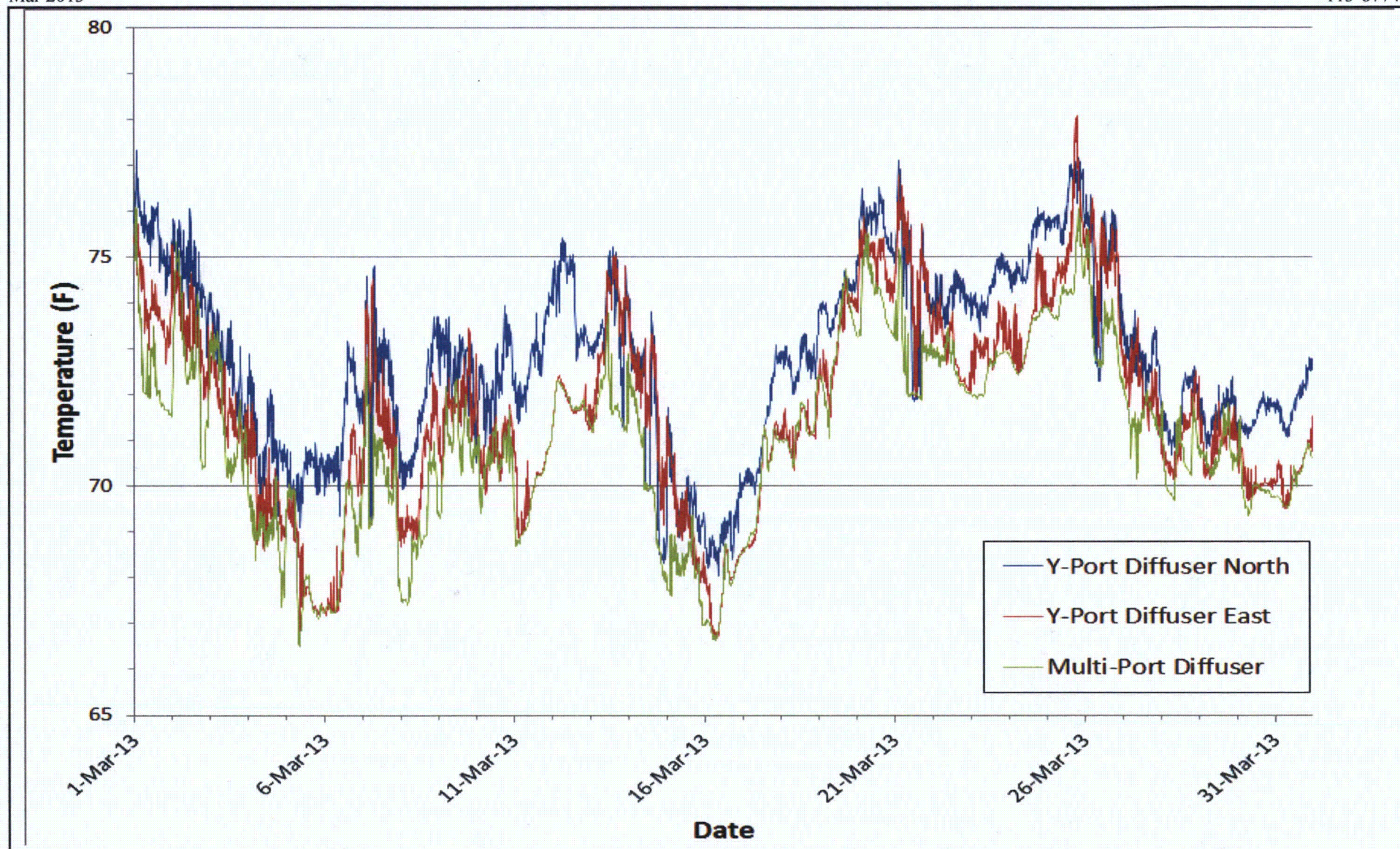
Sea surface temperature at discharge stations (February 8 – February 28, 2013)

Stephen Larsen2-01\_Dschg\_2\_13.docx

Source: Golder, 2013.







Attachment 2-2

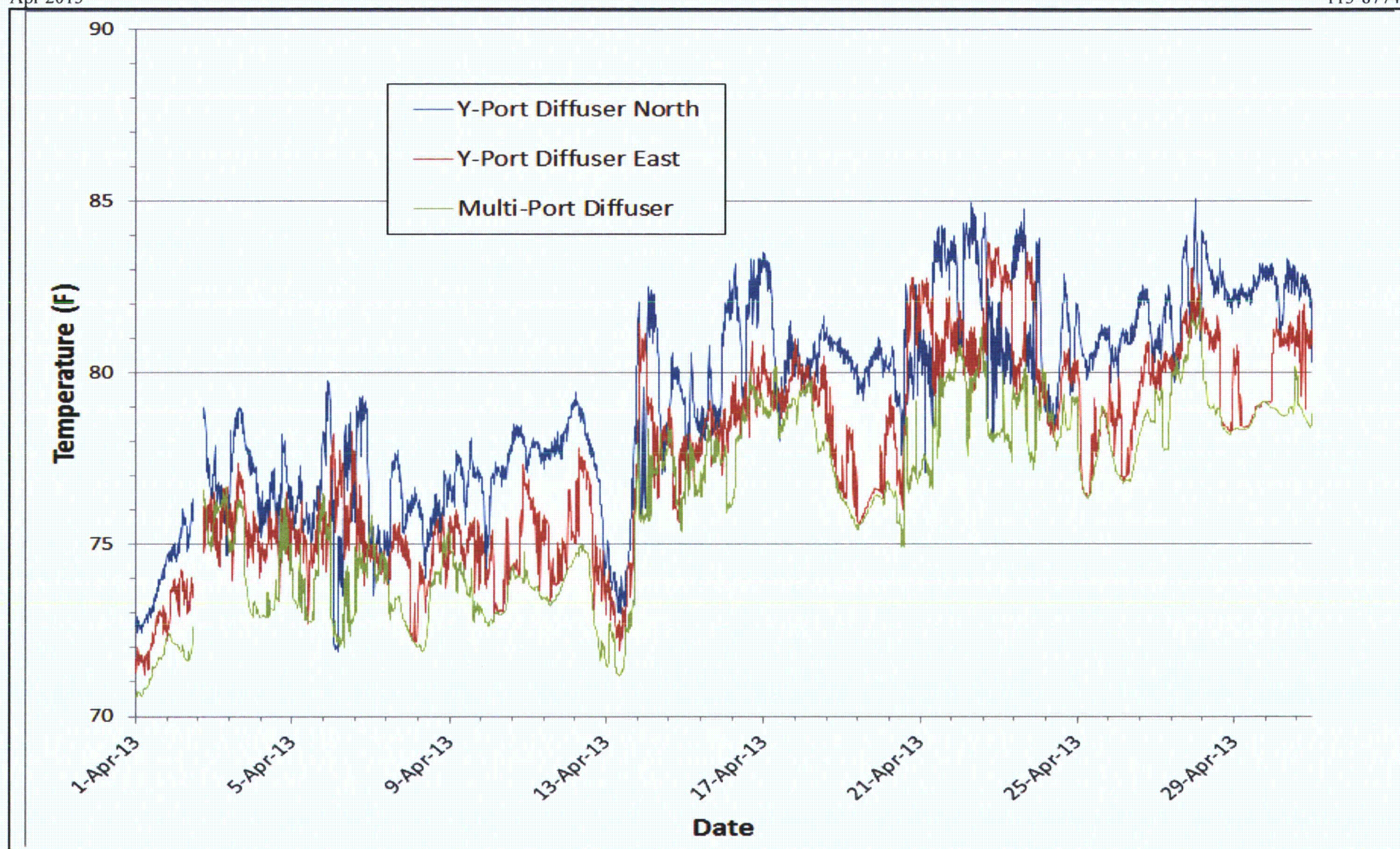
Sea surface temperature at discharge stations (March, 2013)

Stephen Larsen2-02\_Dschg\_3\_13.docx

Source: Golder, 2013.







Attachment 2-3

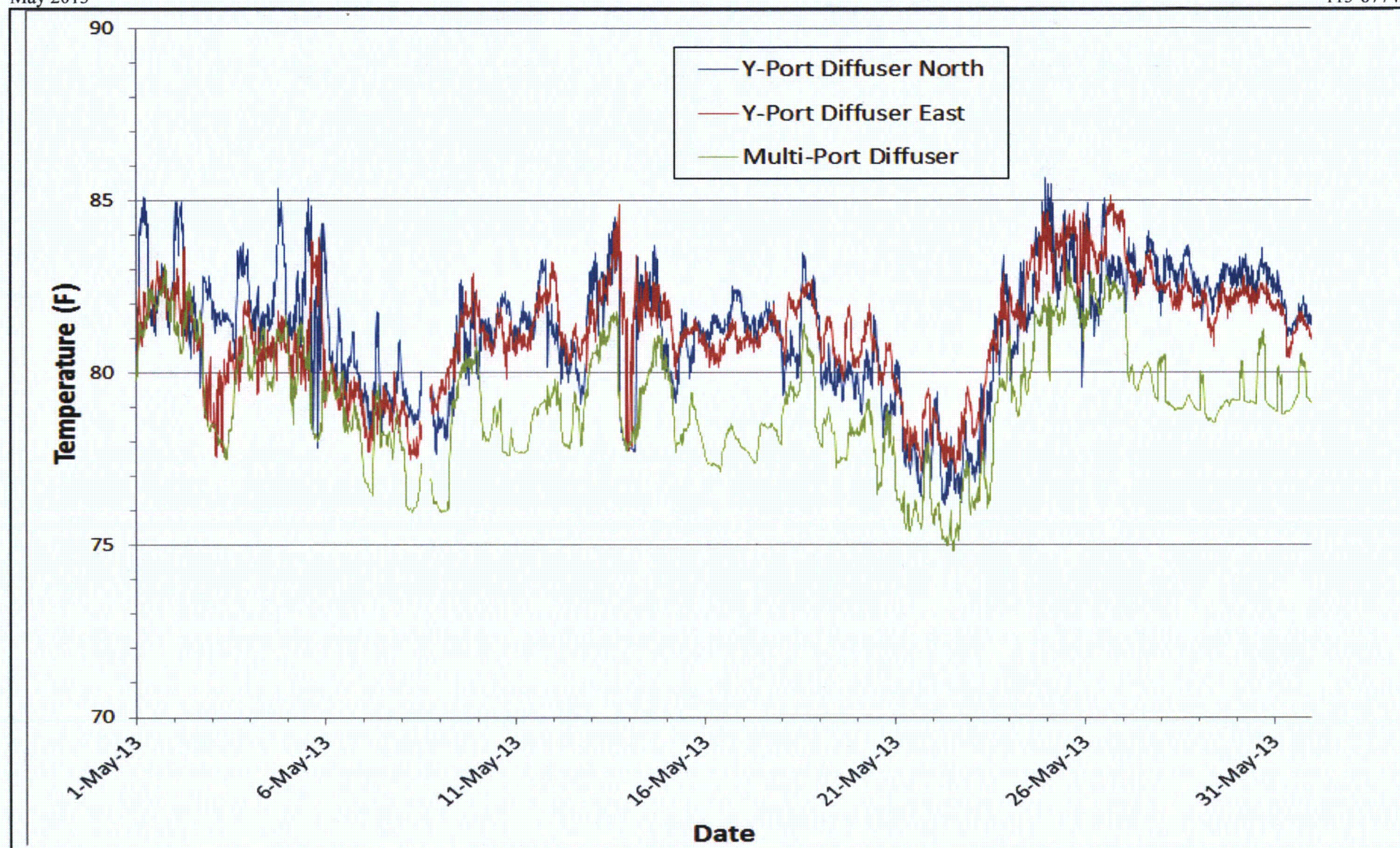
Sea surface temperature at discharge stations (April, 2013)

Stephen Larsen2-03\_Dschg\_4\_13.docx

Source: Golder, 2013.







Attachment 2-4

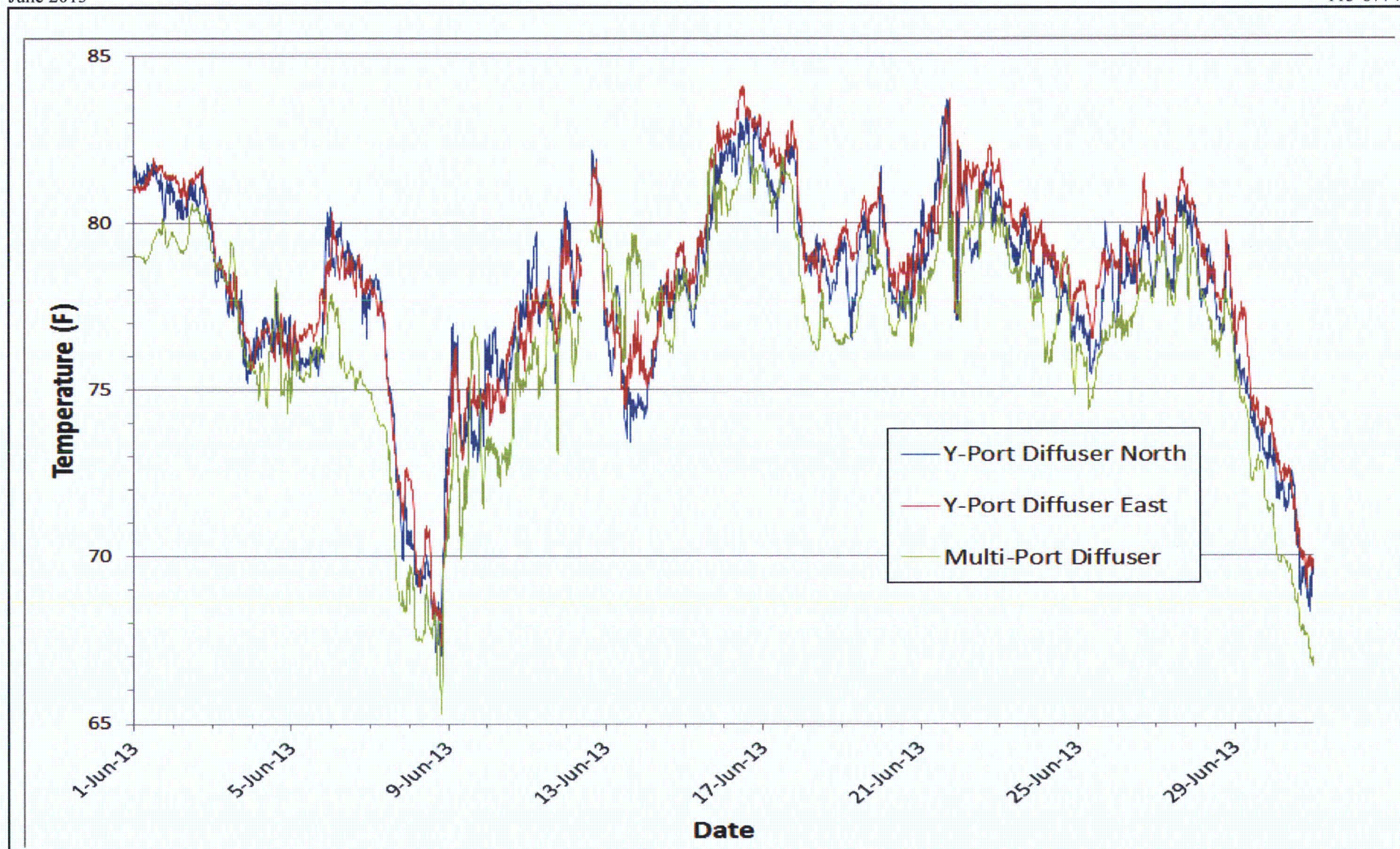
Sea surface temperature at discharge stations (May, 2013)

Stephen Larsen2-04\_Dschg\_5\_13.docx

Source: Golder, 2013.







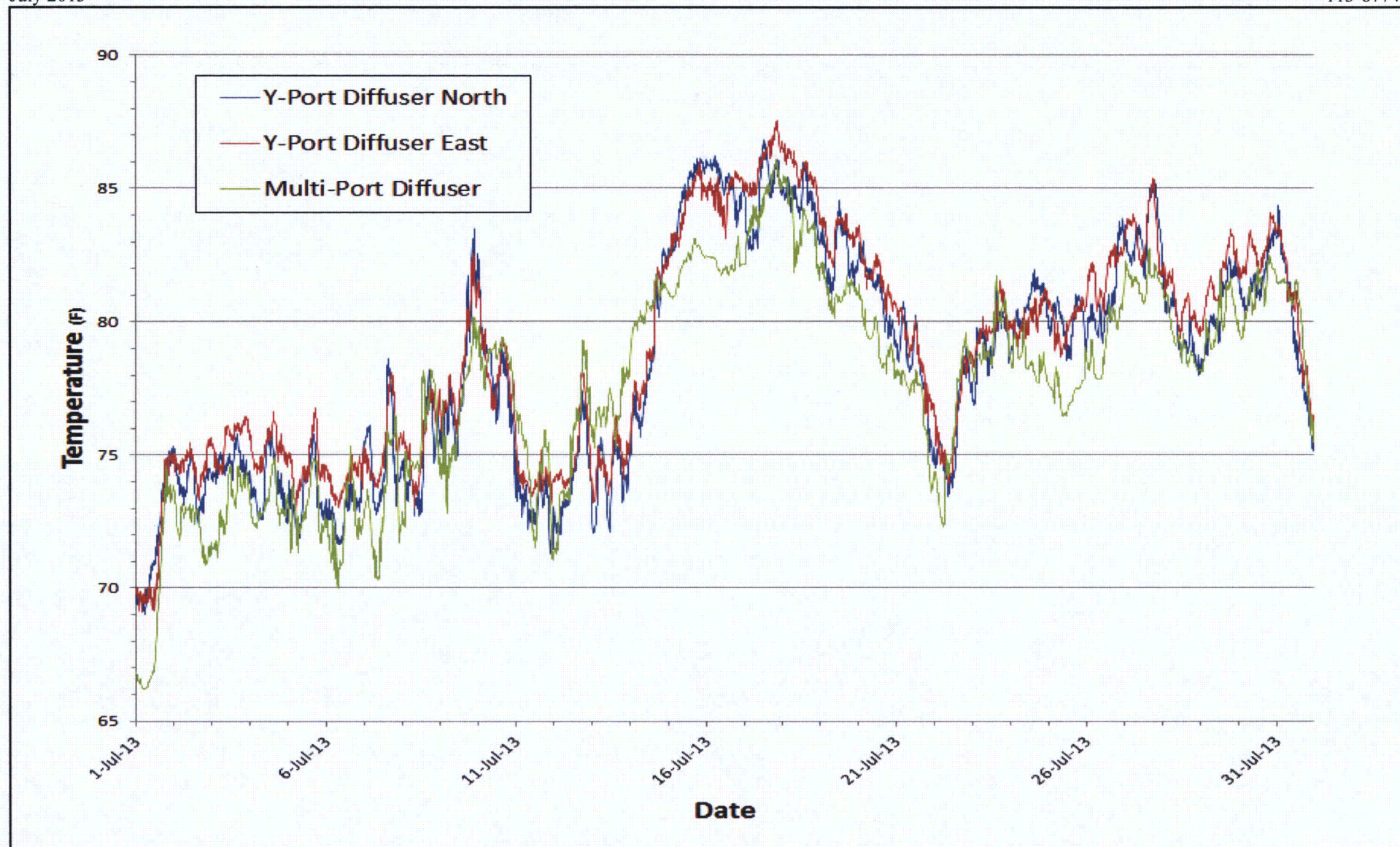
Attachment 2-5

Sea surface temperature at discharge stations (June 2013)

Stephen Larsen2-05\_Dschg\_6\_13.docx

Source: Golder, 2013.





Attachment 2-6

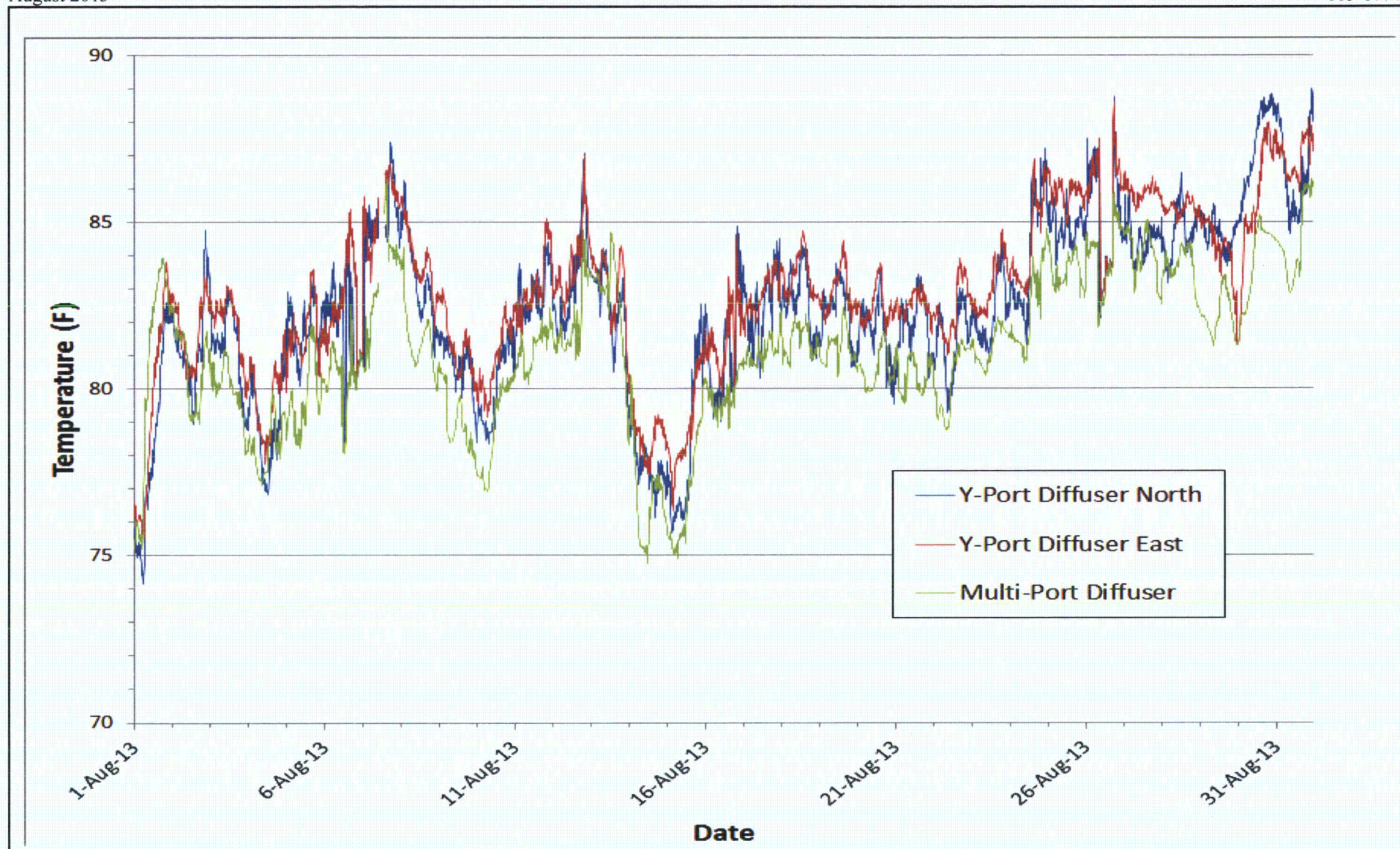
Sea surface temperature at discharge stations (July 2013)

Stephen Larsen2-06\_Dschg\_7\_13.docx

Source: Golder, 2013.







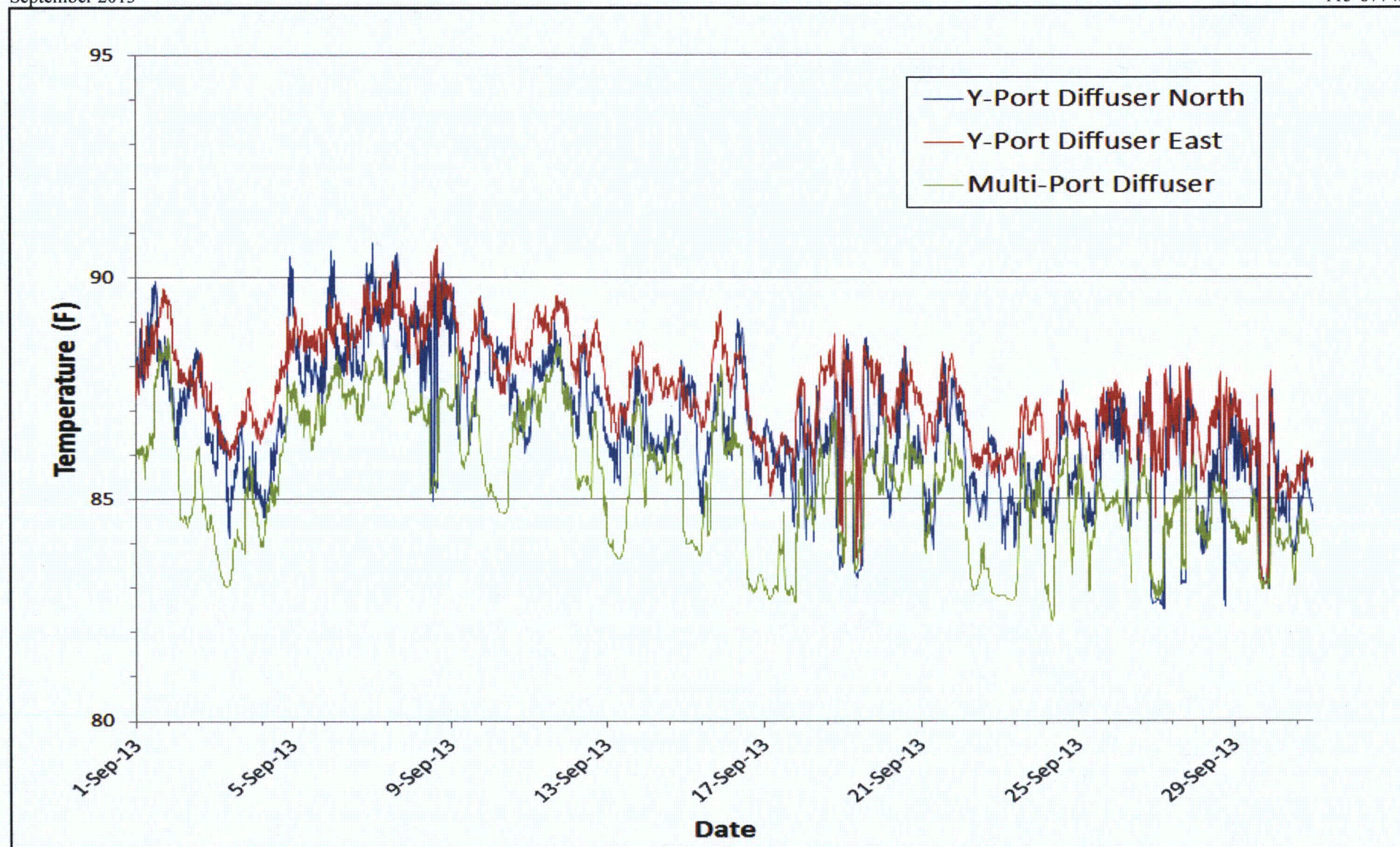
Attachment 2-7

Sea surface temperature at discharge stations (August, 2013)

Stephen Larsen2-07\_Dschg\_8\_13.docx

Source: Golder, 2013.





Attachment 2-8

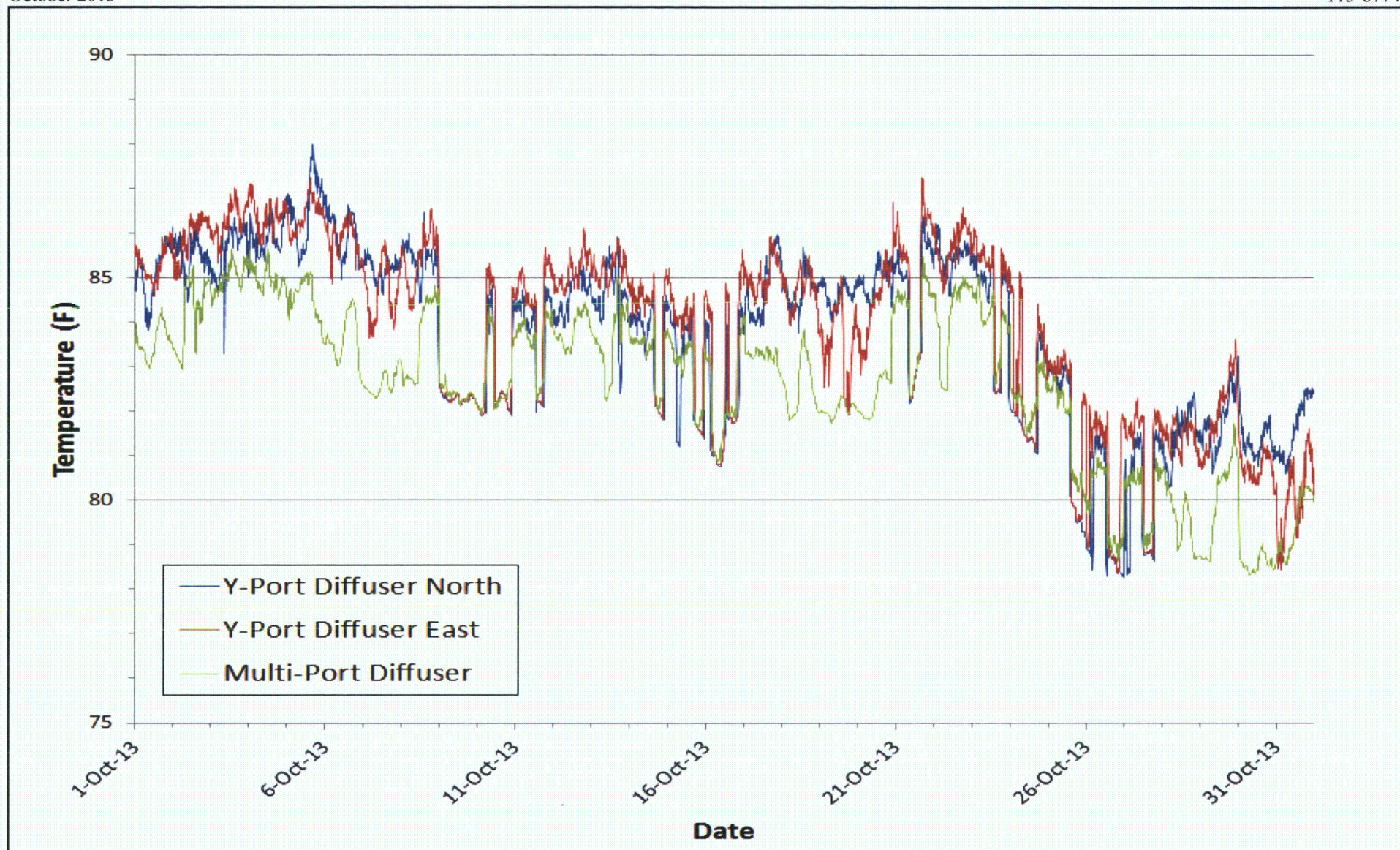
Sea surface temperature at discharge stations (September, 2013)

Stephen Larsen2-08\_Dschg\_9\_13.docx

Source: Golder, 2013.







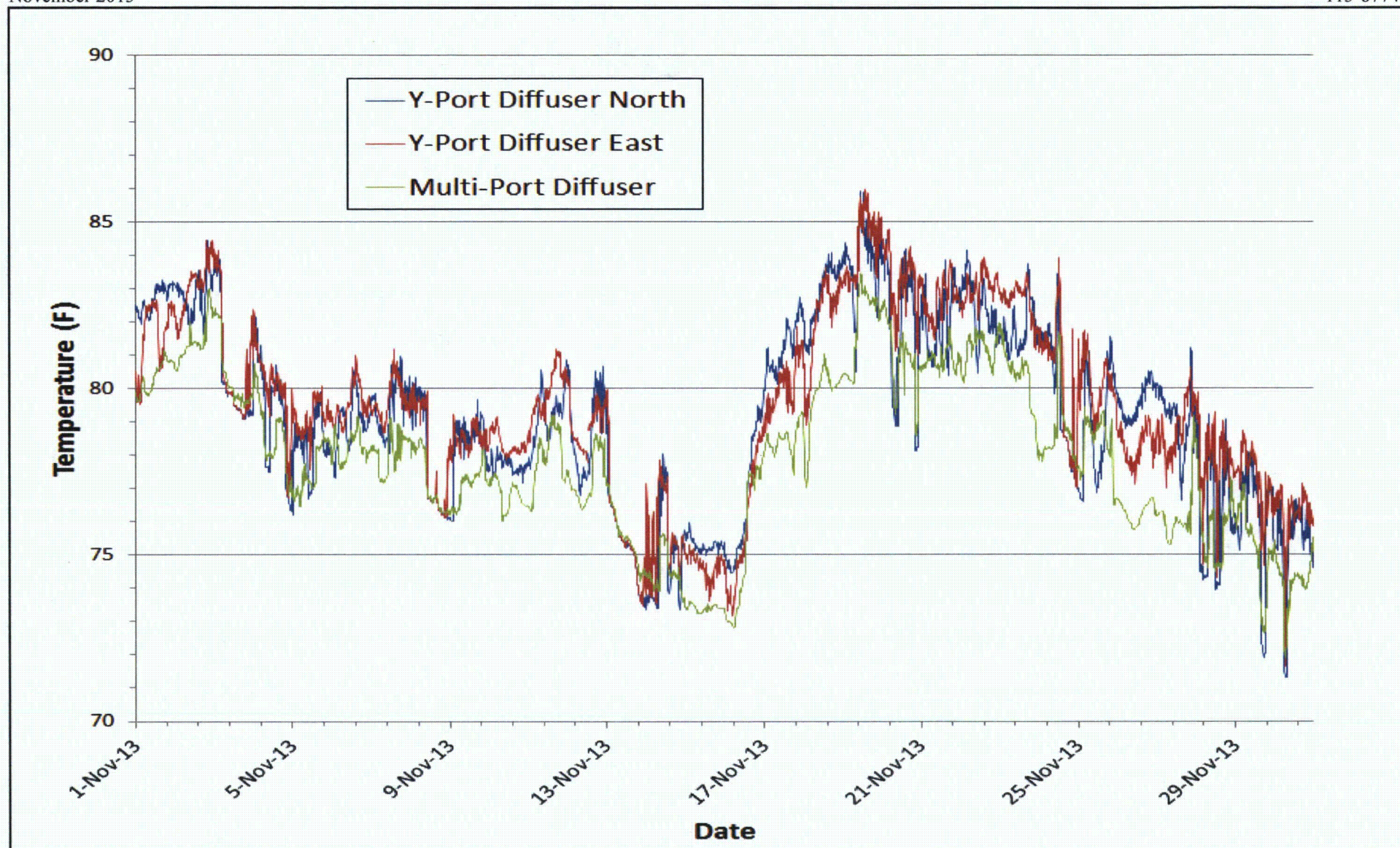
Attachment 2-9

Sea surface temperature at discharge stations (October, 2013)

Stephen Larsen2-09\_Dschg\_10\_13.docx

Source: Golder, 2013.





Attachment 2-10

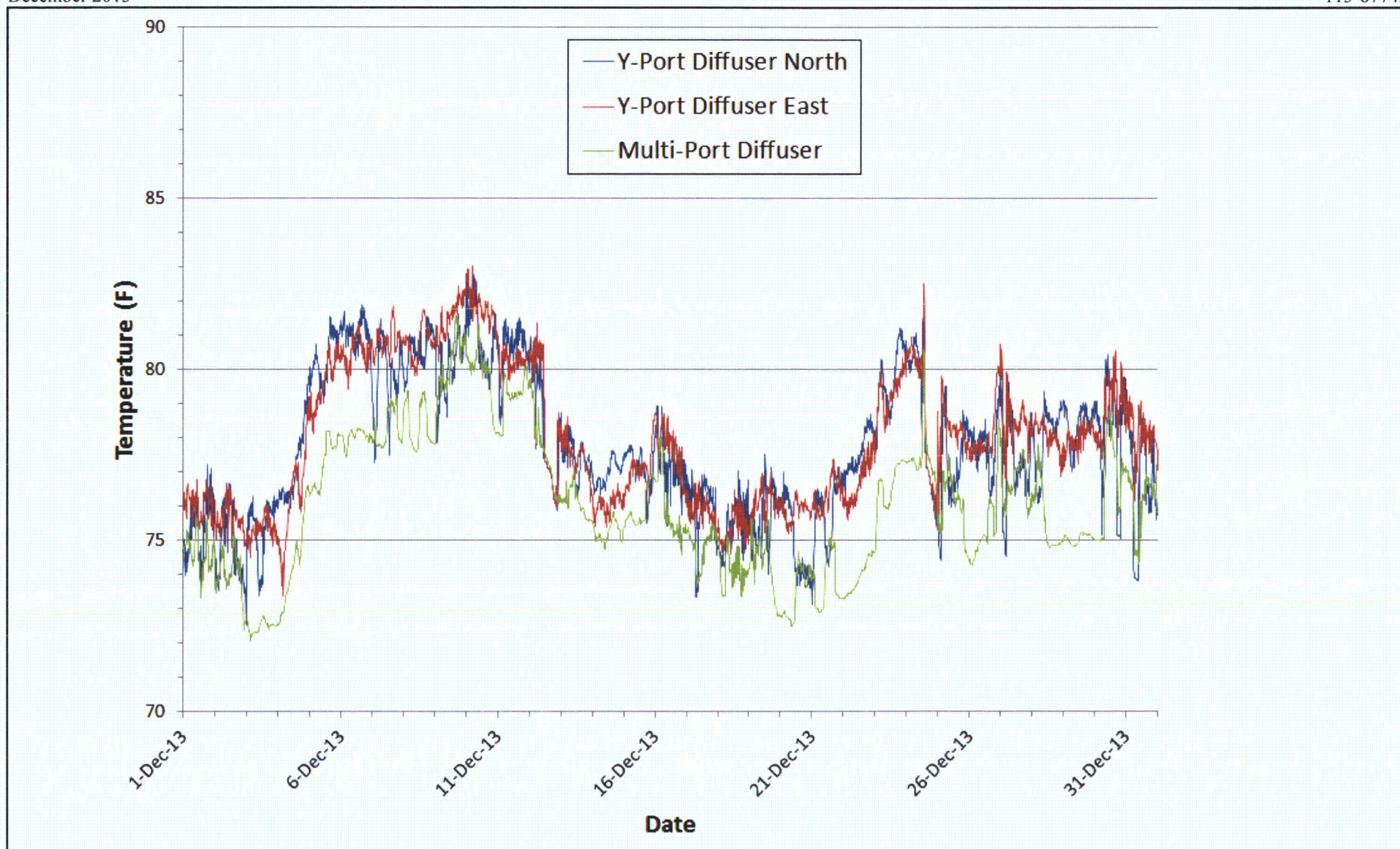
Sea surface temperature at discharge stations (November, 2013)

Stephen Larsen2-10\_Dschg\_11\_13.docx

Source: Golder, 2013.







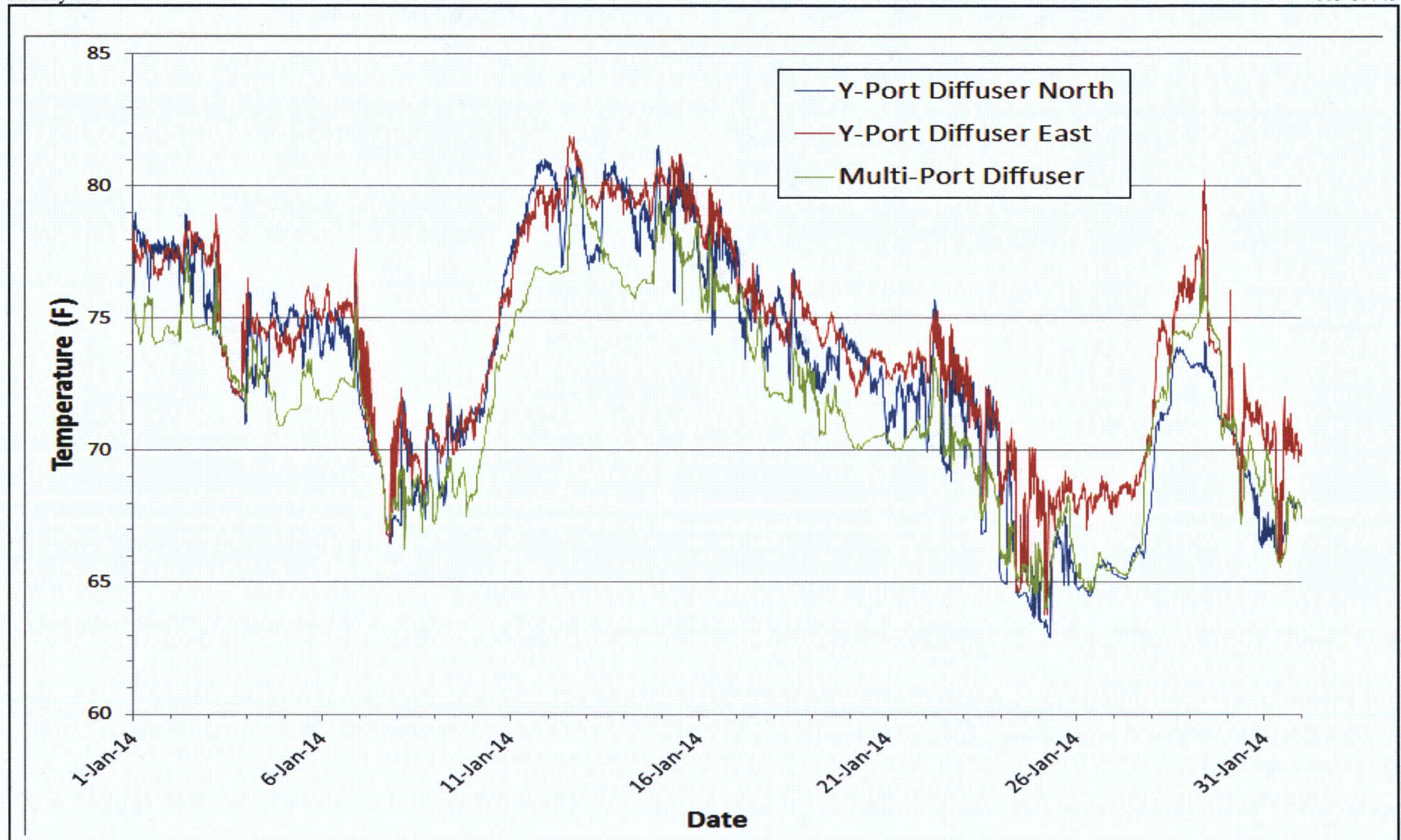
Attachment 2-11

Sea surface temperature at discharge stations (December, 2013)

Stephen Larsen2-11\_Dschg\_12\_13.docx

Source: Golder, 2013.





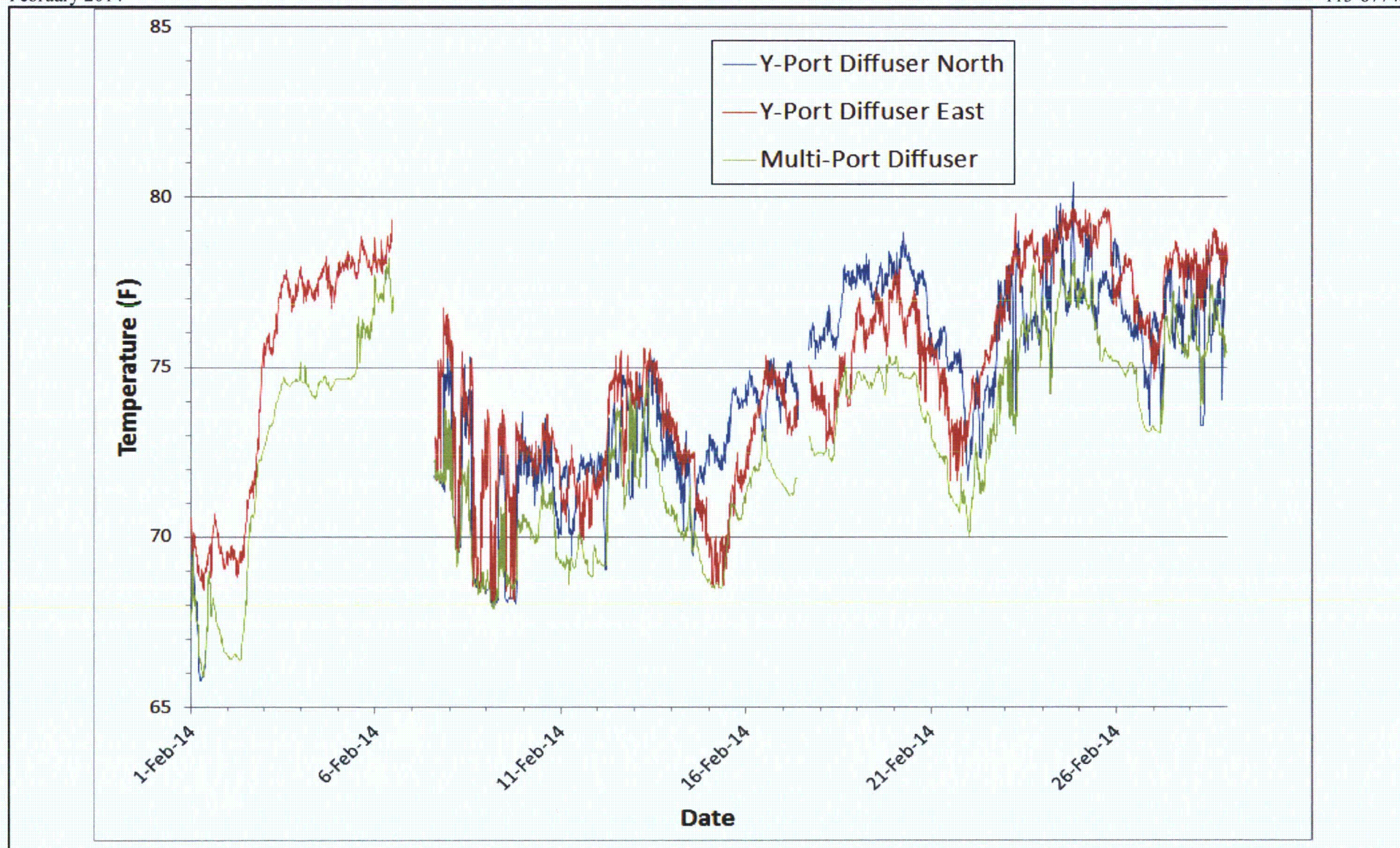
Attachment 2-12

Sea surface temperature at discharge stations (January, 2014)

Stephen Larsen2-12\_Dschg\_1\_14.docx

Source: Golder, 2014.





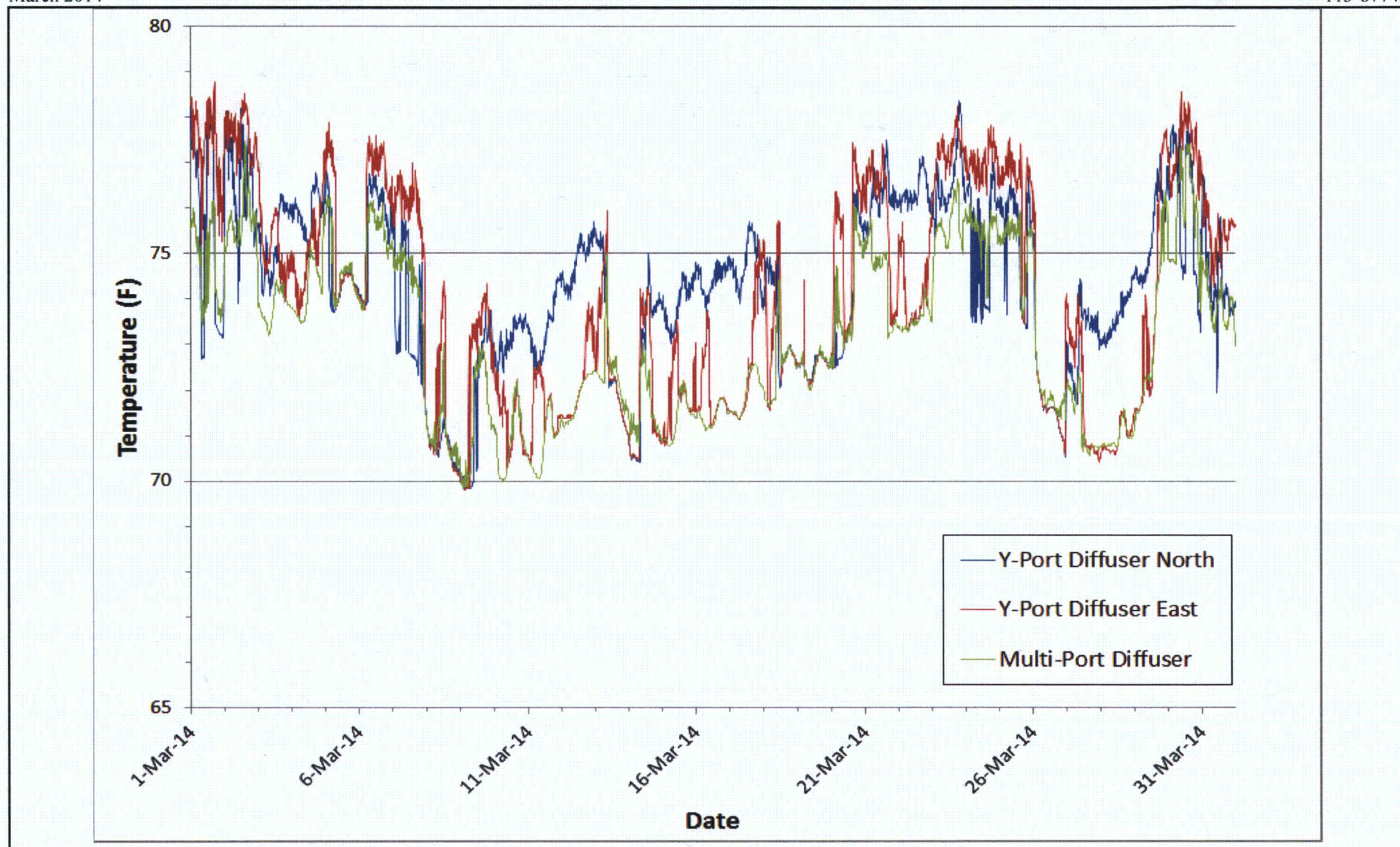
Attachment 2-13

Sea surface temperature at discharge stations (February, 2014)

Stephen Larsen2-13\_Dschg\_2\_14.docx

Source: Golder, 2014.





Attachment 2-14

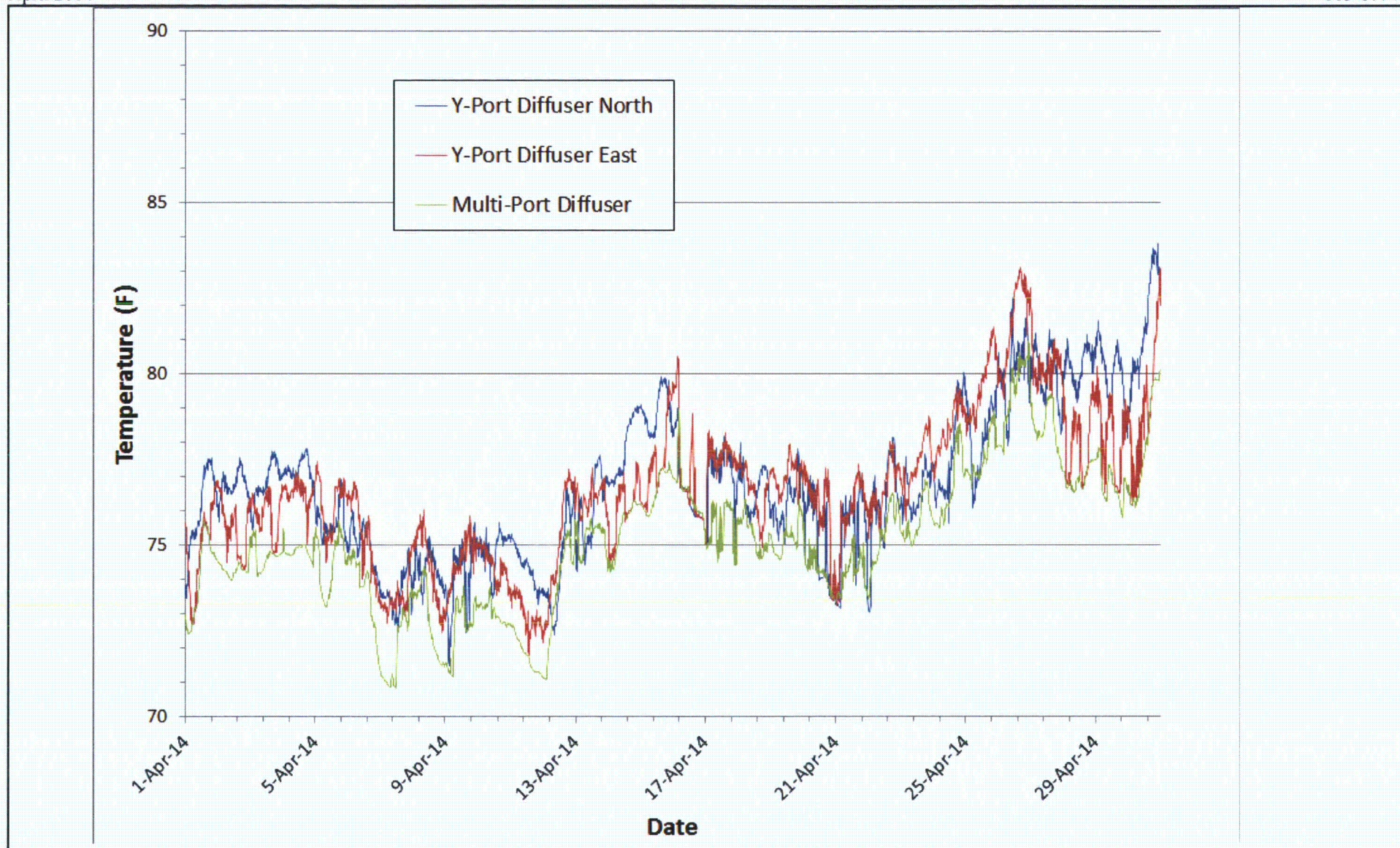
Sea surface temperature at discharge stations (March, 2014)

Stephen Larsen2-14\_Dschg\_3\_14.docx

Source: Golder, 2014.







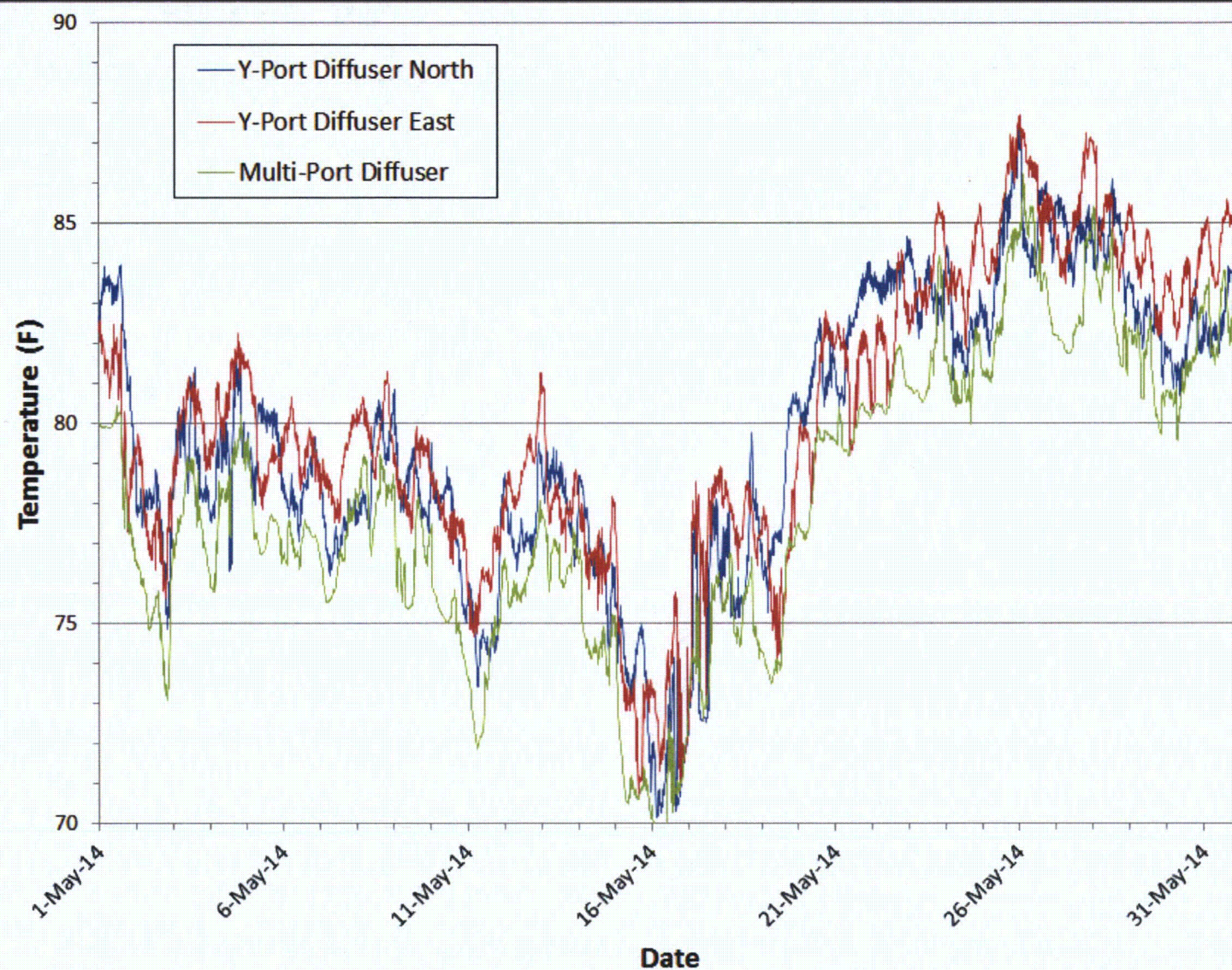
Attachment 2-15

Sea surface temperature at discharge stations (April, 2014)

Stephen Larsen2-15\_Dschg\_4\_14.docx

Source: Golder, 2014.





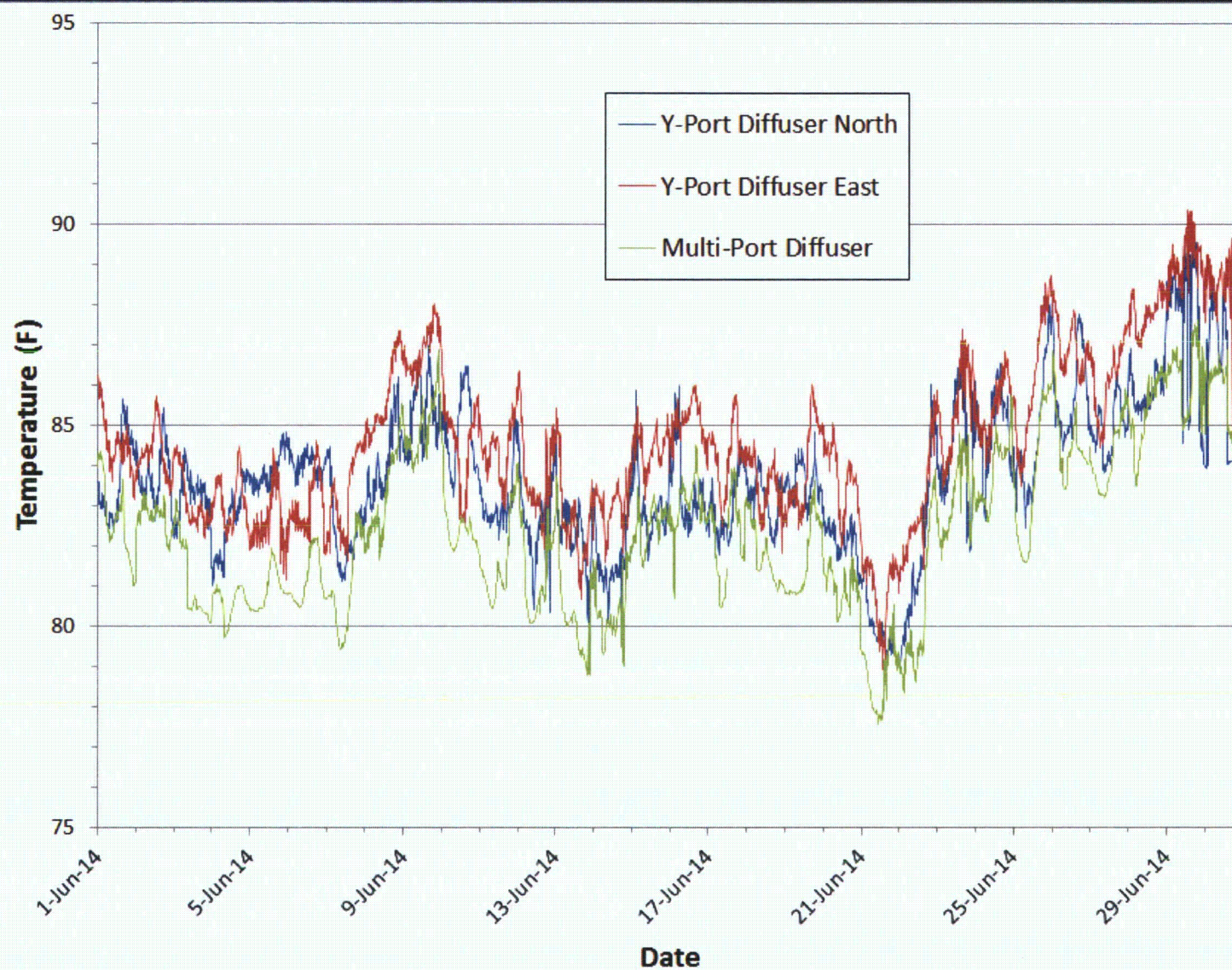
Attachment 2-16

Sea surface temperature at discharge stations (May, 2014)

Stephen Larsen2-16\_Dschg\_5\_14.docx

Source: Golder, 2014.





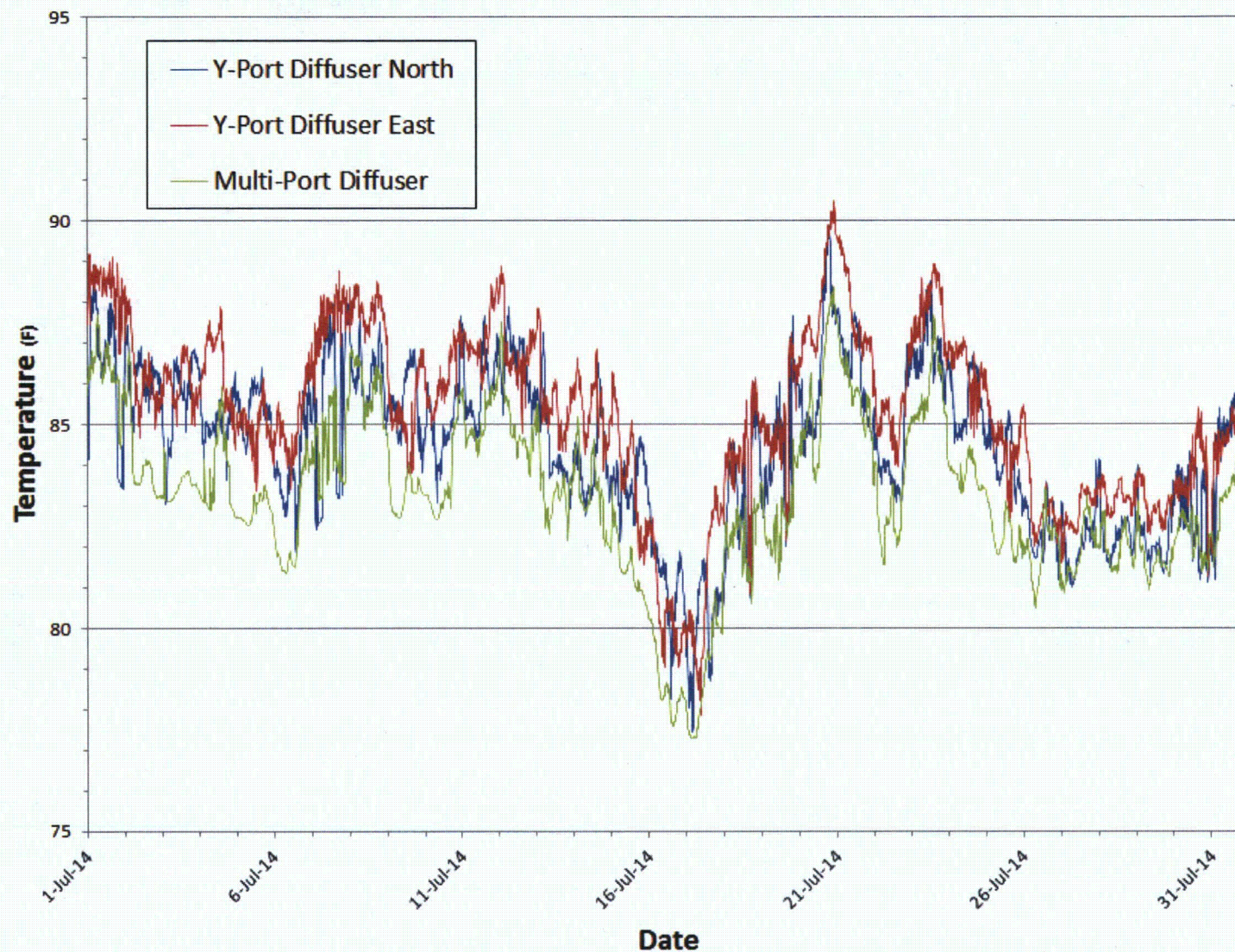
Attachment 2-17

Sea surface temperature at discharge stations (June, 2014)

Stephen Larsen2-17\_Dschg\_6\_14.docx

Source: Golder, 2014.





Attachment 2-18

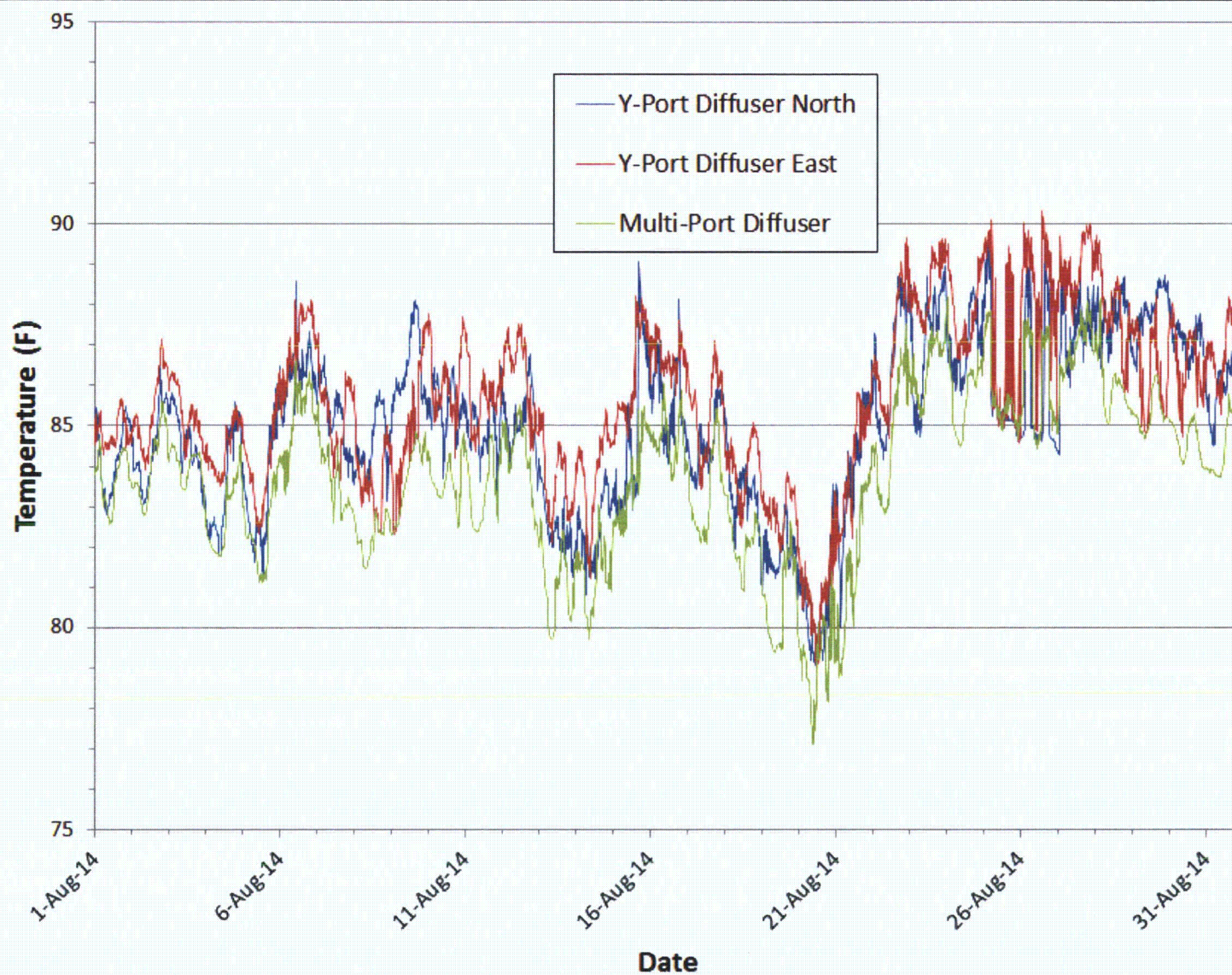
Sea surface temperature at discharge stations (July, 2014)

Stephen Larsen2-18\_Dschg\_7\_14.docx

Source: Golder, 2014.







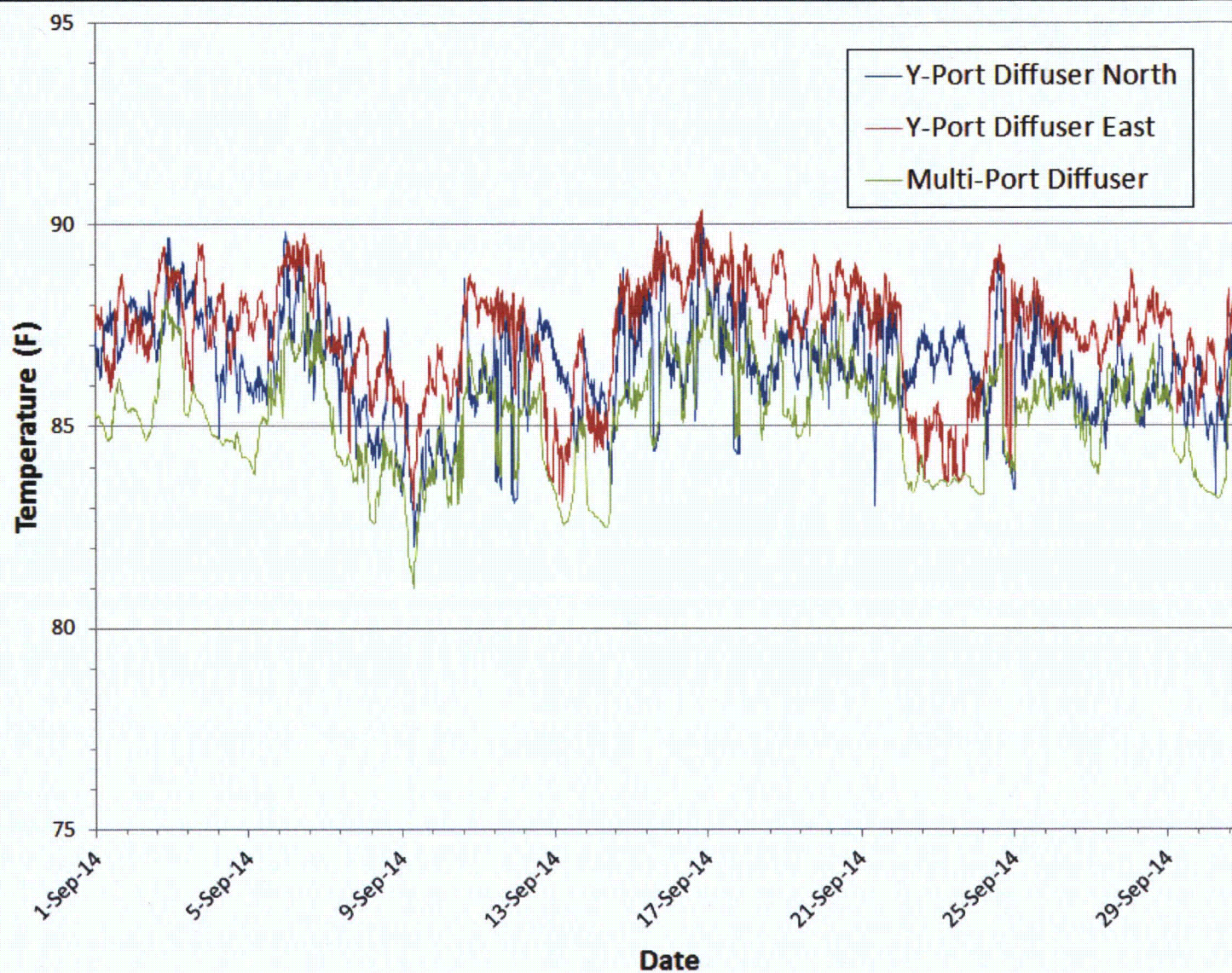
Attachment 2-19

Sea surface temperature at discharge stations (August, 2014)

Stephen Larsen2-19\_Dschg\_8\_14.docx

Source: Golder, 2014.





Attachment 2-20

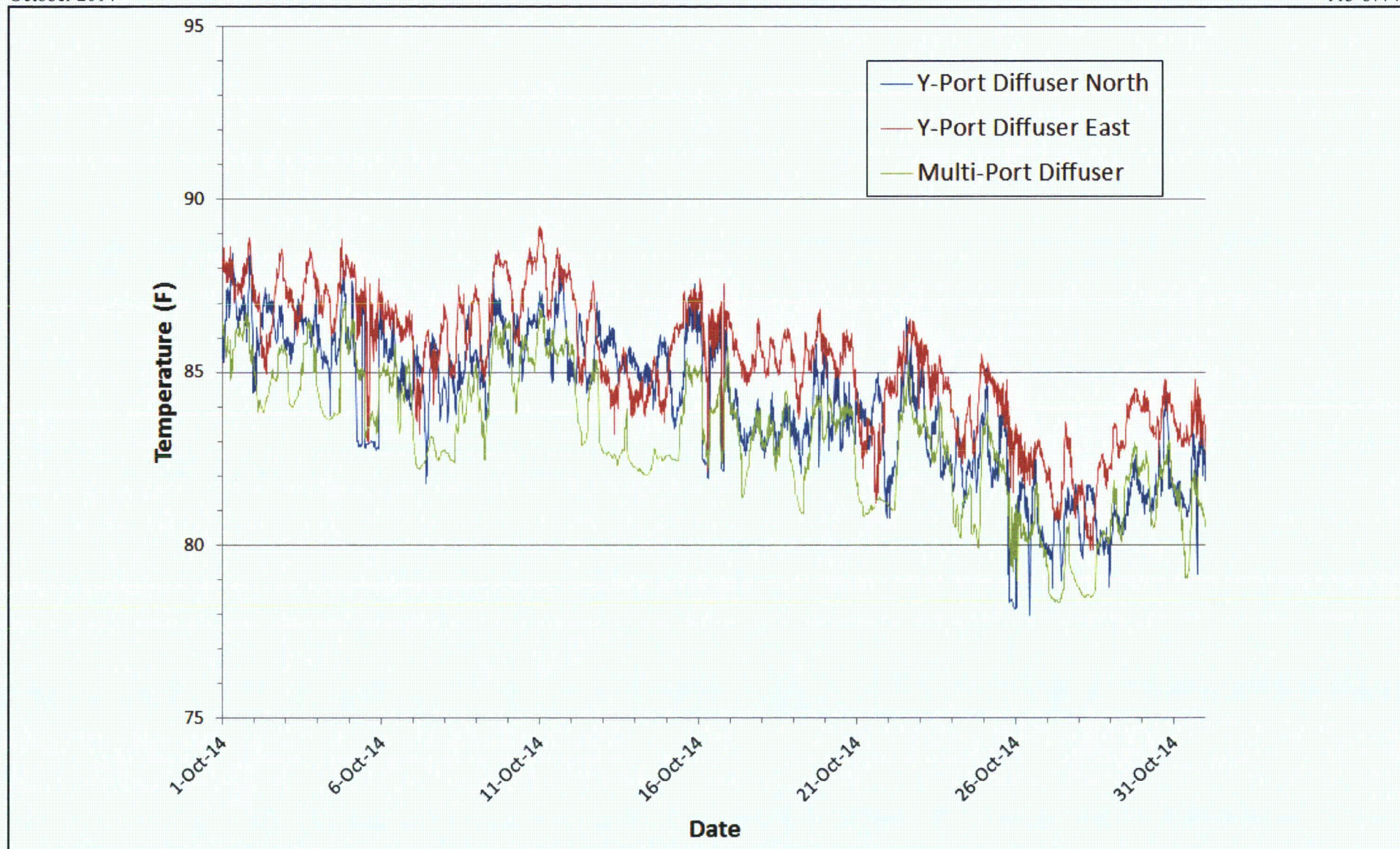
Sea surface temperature at discharge stations (September, 2014)

Stephen Larsen2-20\_Dschg\_9\_14.docx

Source: Golder, 2014.







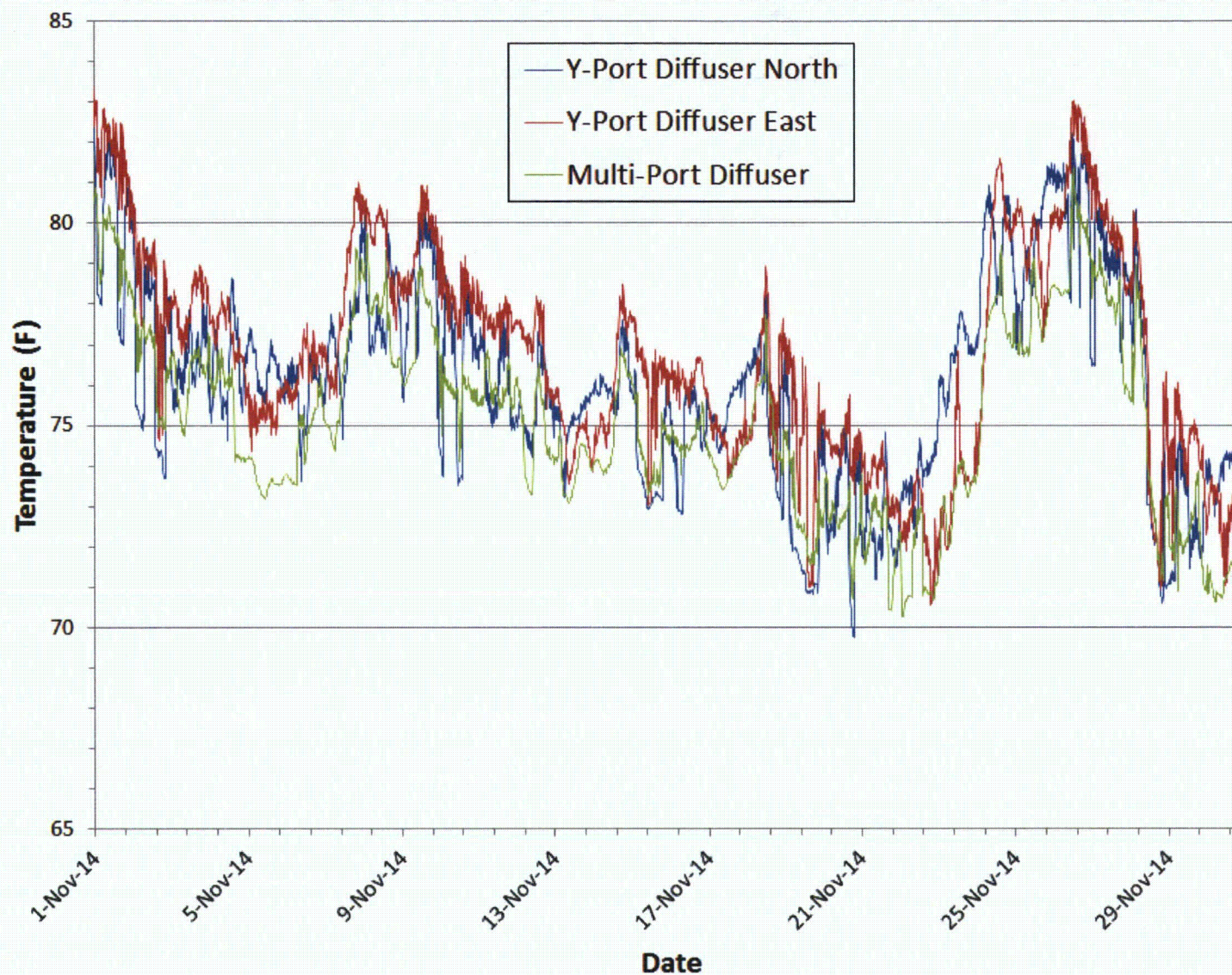
Attachment 2-21

Sea surface temperature at discharge stations (October, 2014)

Stephen Larsen2-21\_Dschg\_10\_14.docx

Source: Golder, 2014.





Attachment 2-22

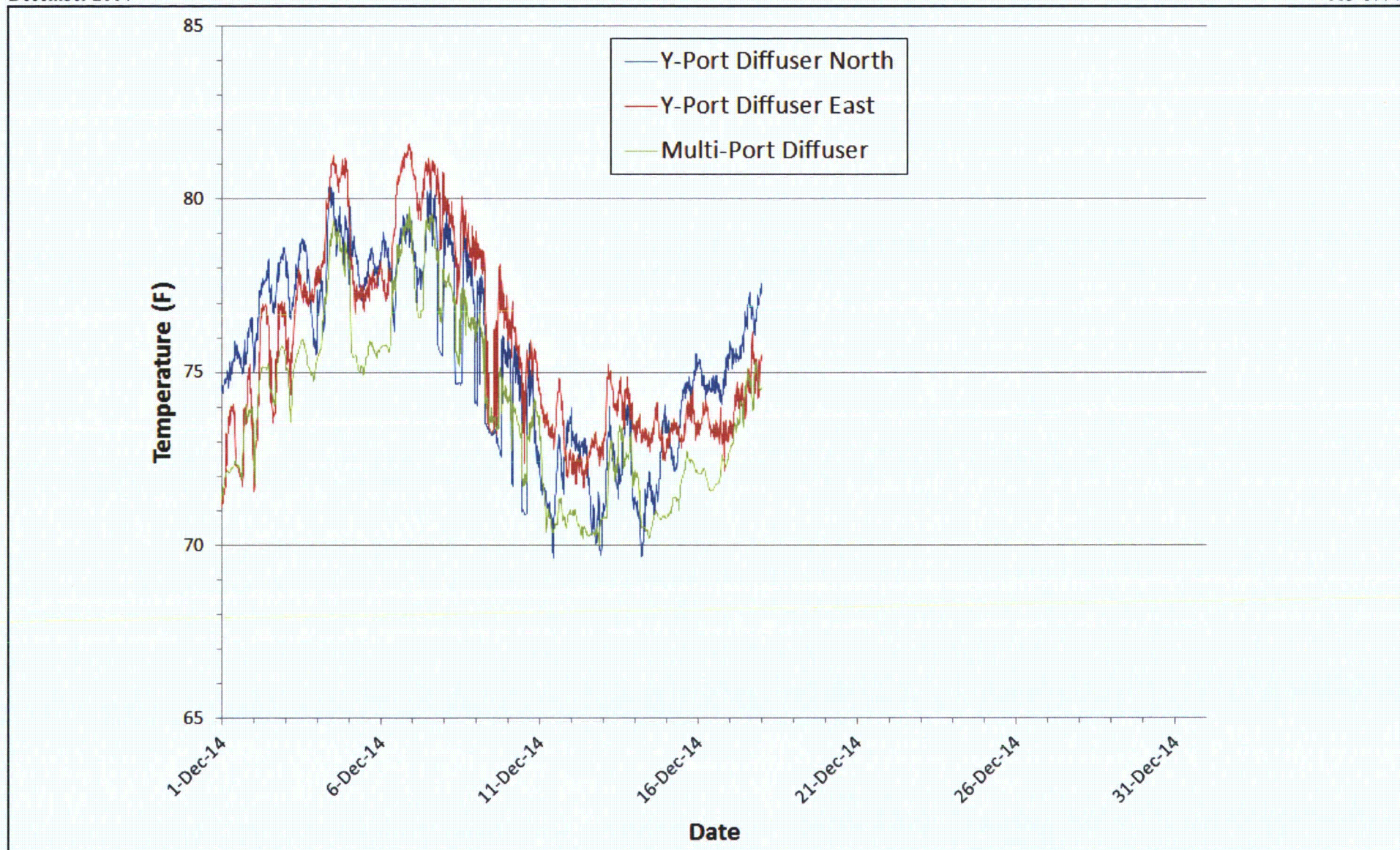
Sea surface temperature at discharge stations (November, 2014)

Stephen Larsen2-22\_Dschg\_11\_14.docx

Source: Golder, 2014.







Attachment 2-23

Sea surface temperature at discharge stations (December, 2014)

Stephen Larsen2-23\_Dschg\_12\_14.docx

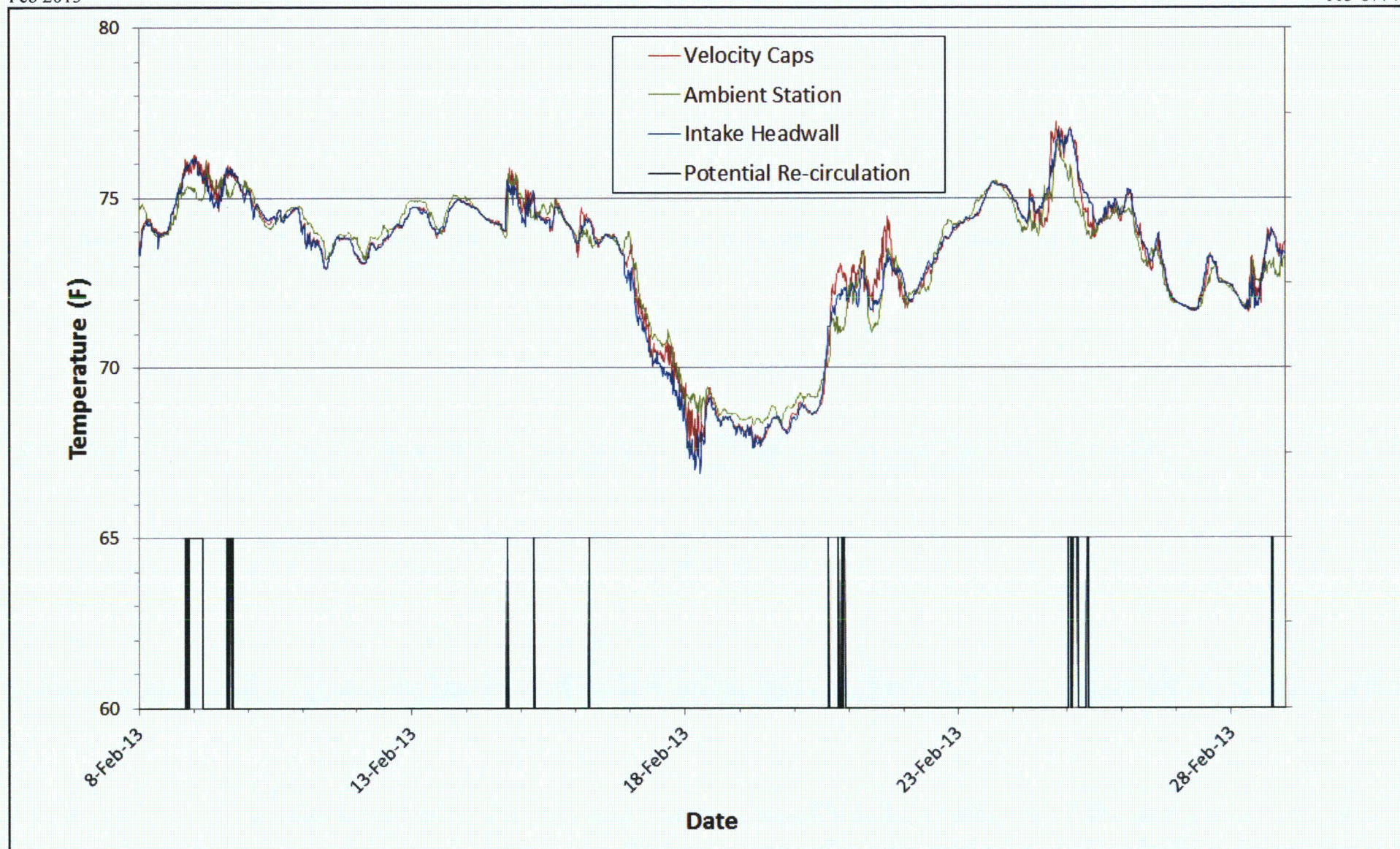
Source: Golder, 2014.



**ATTACHMENT 3**

**MID-WATER TEMPERATURES AT VELOCITY CAPS,  
AMBIENT STATION, AND INTAKE  
HEADWALL STATION PRESENTED MONTHLY**





Attachment 3-1

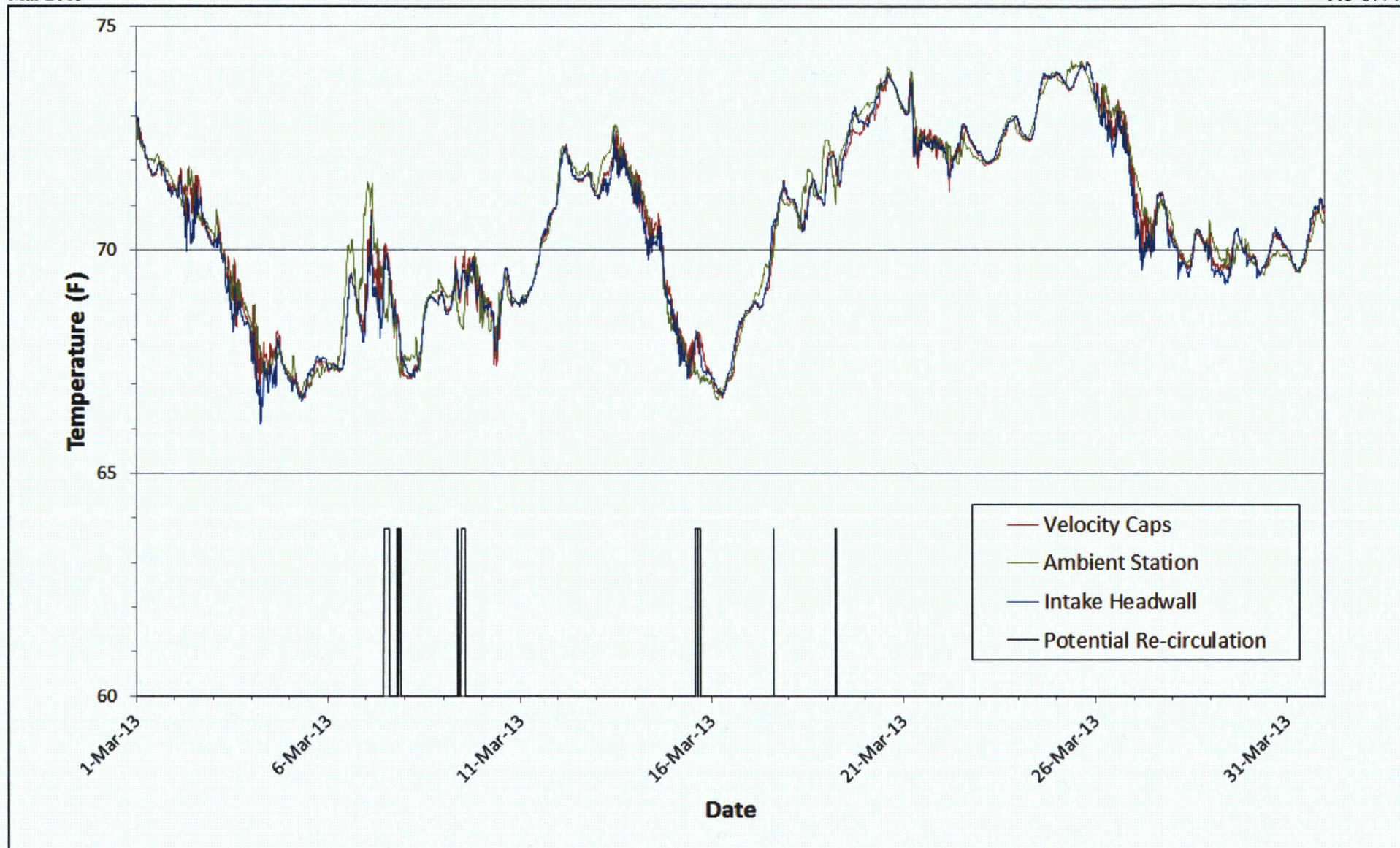
Mid-water temperature at velocity caps, ambient station and intake headwall stations (February 8 – February 28, 2013)

Stephen Larsen3-01\_G-H-I\_2\_13.docx

Source: Golder, 2013.







Attachment 3-2

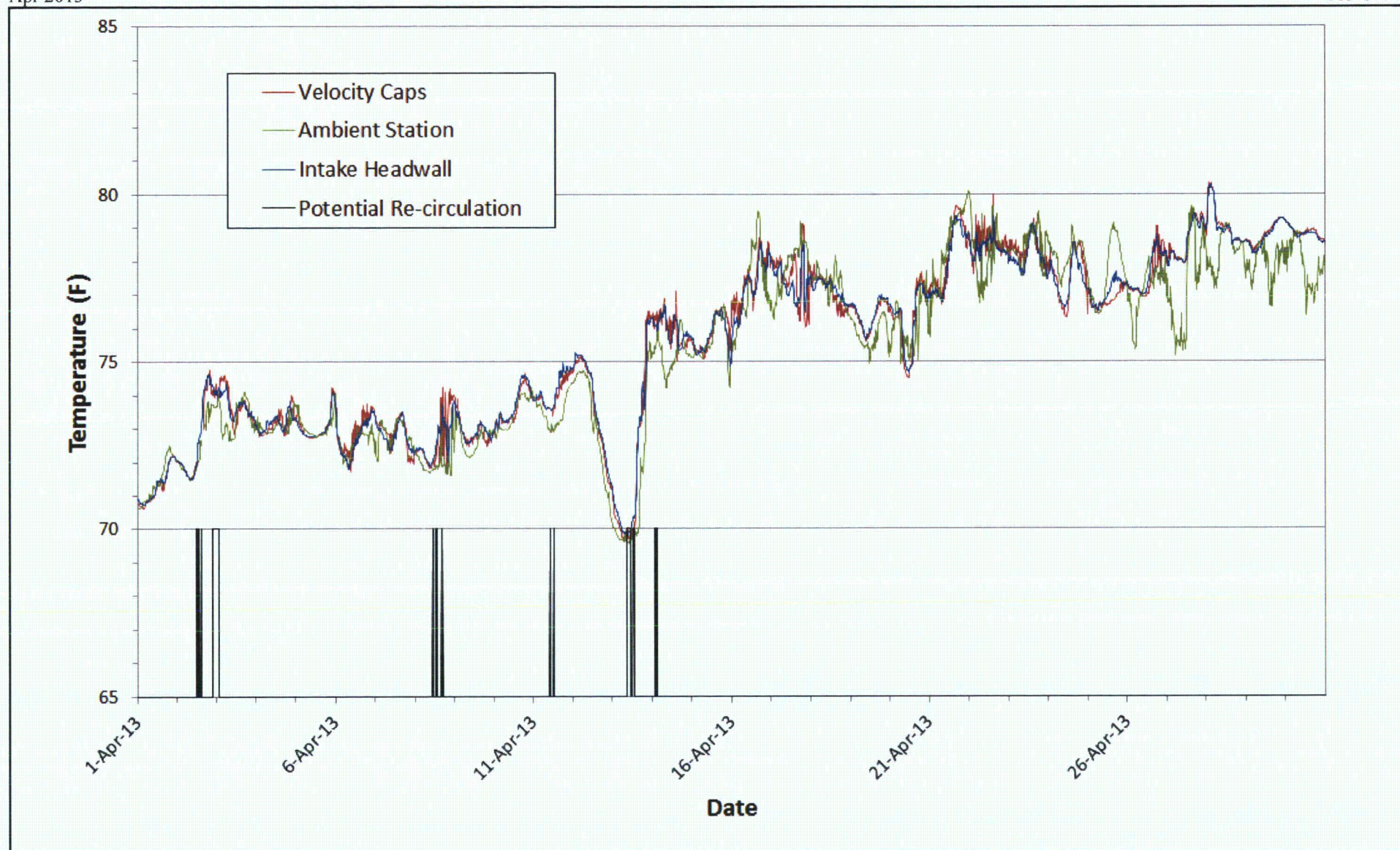
Mid-water temperature at velocity caps, ambient station and intake headwall stations (March, 2013)

Stephen Larsen3-02\_G-H-I\_3\_13.docx

Source: Golder, 2013.







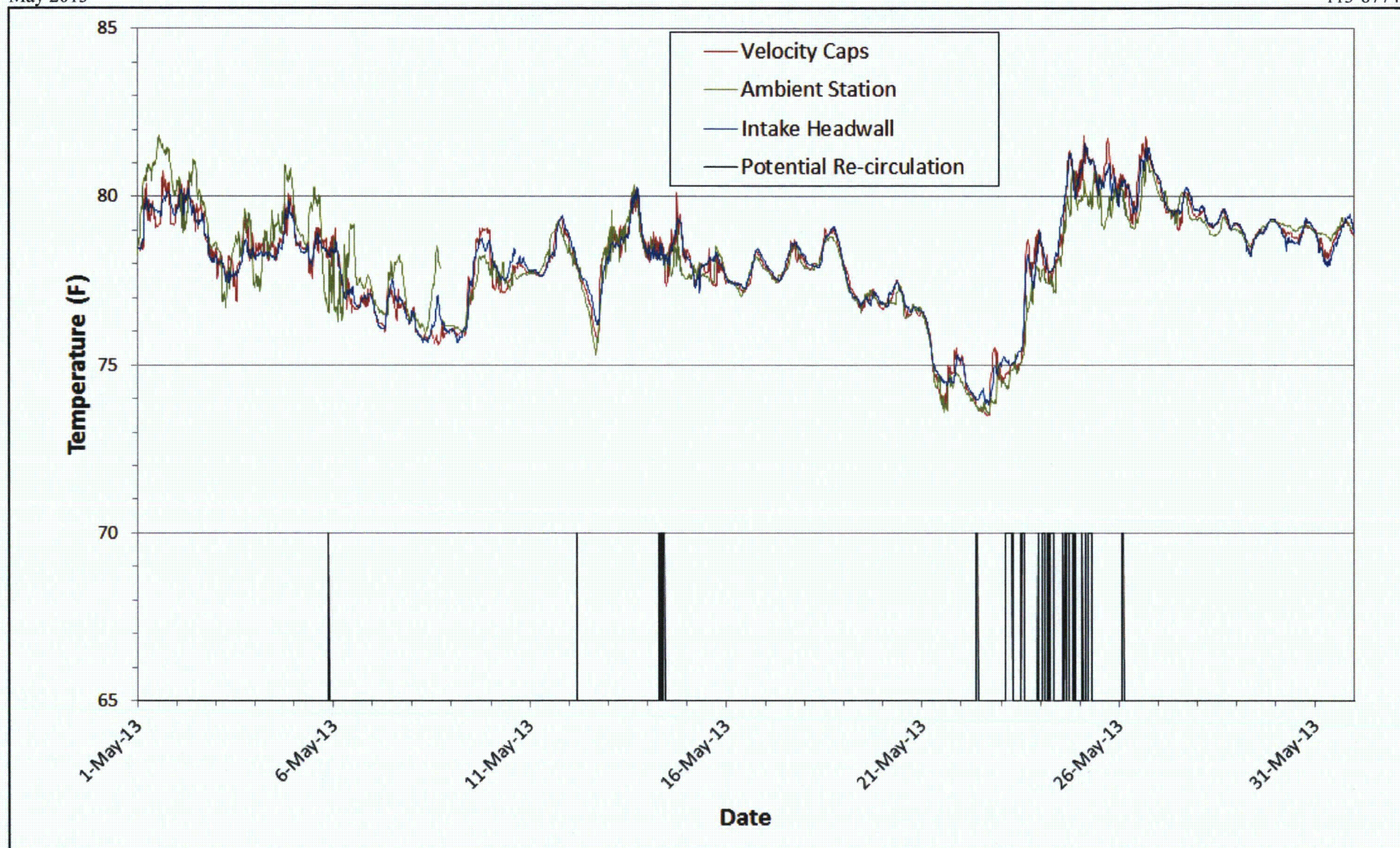
Attachment 3-3

Mid-water temperature at velocity caps, ambient station and intake headwall stations (April, 2013)

Stephen Larsen3-03\_G-H-I\_4\_13.docx

Source: Golder, 2013.





Attachment 3-4

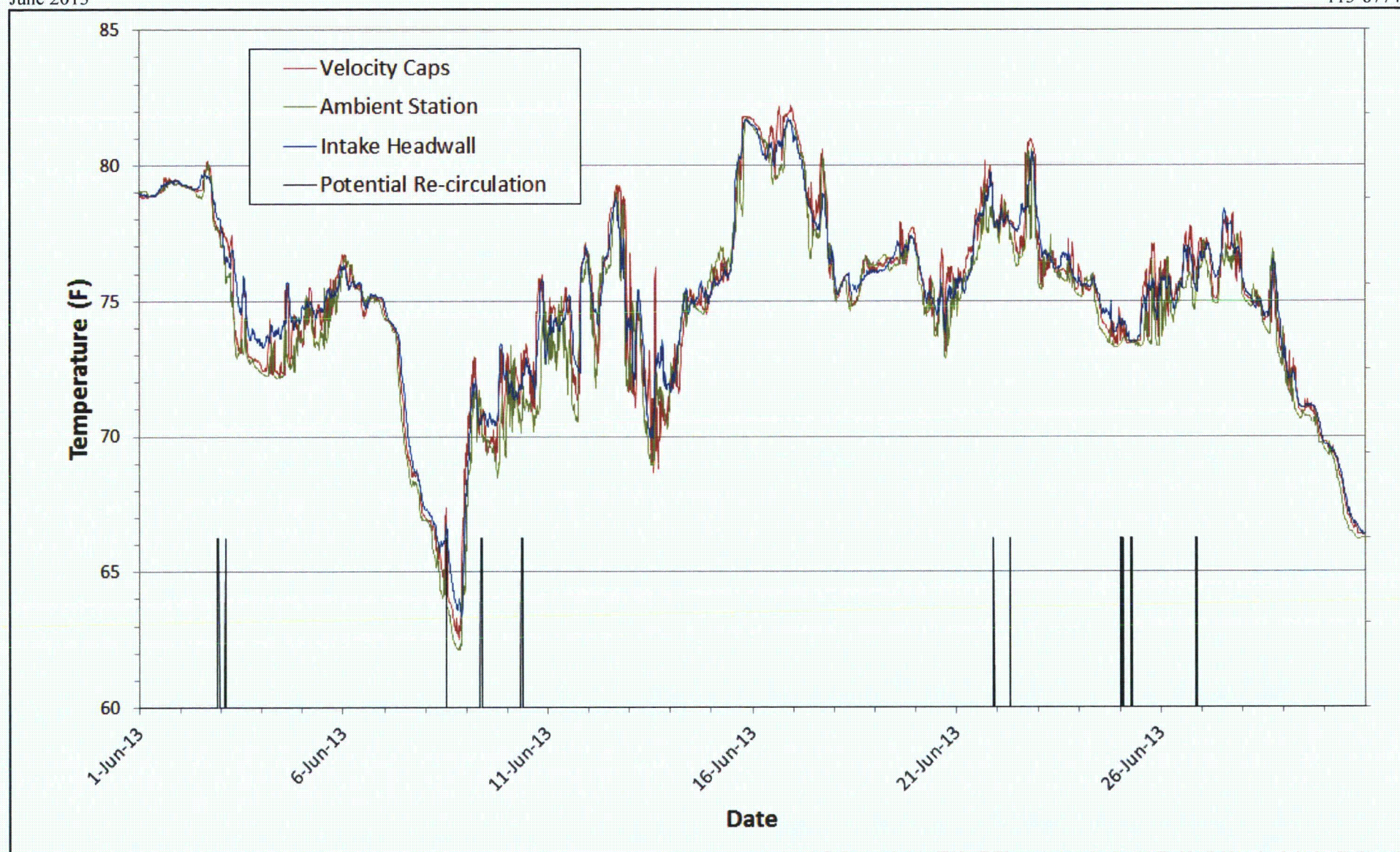
Mid-water temperature at velocity caps, ambient station and intake headwall stations (May, 2013)

Stephen Larsen3-04\_G-H-I\_5\_13.docx

Source: Golder, 2013.







Attachment 3-5

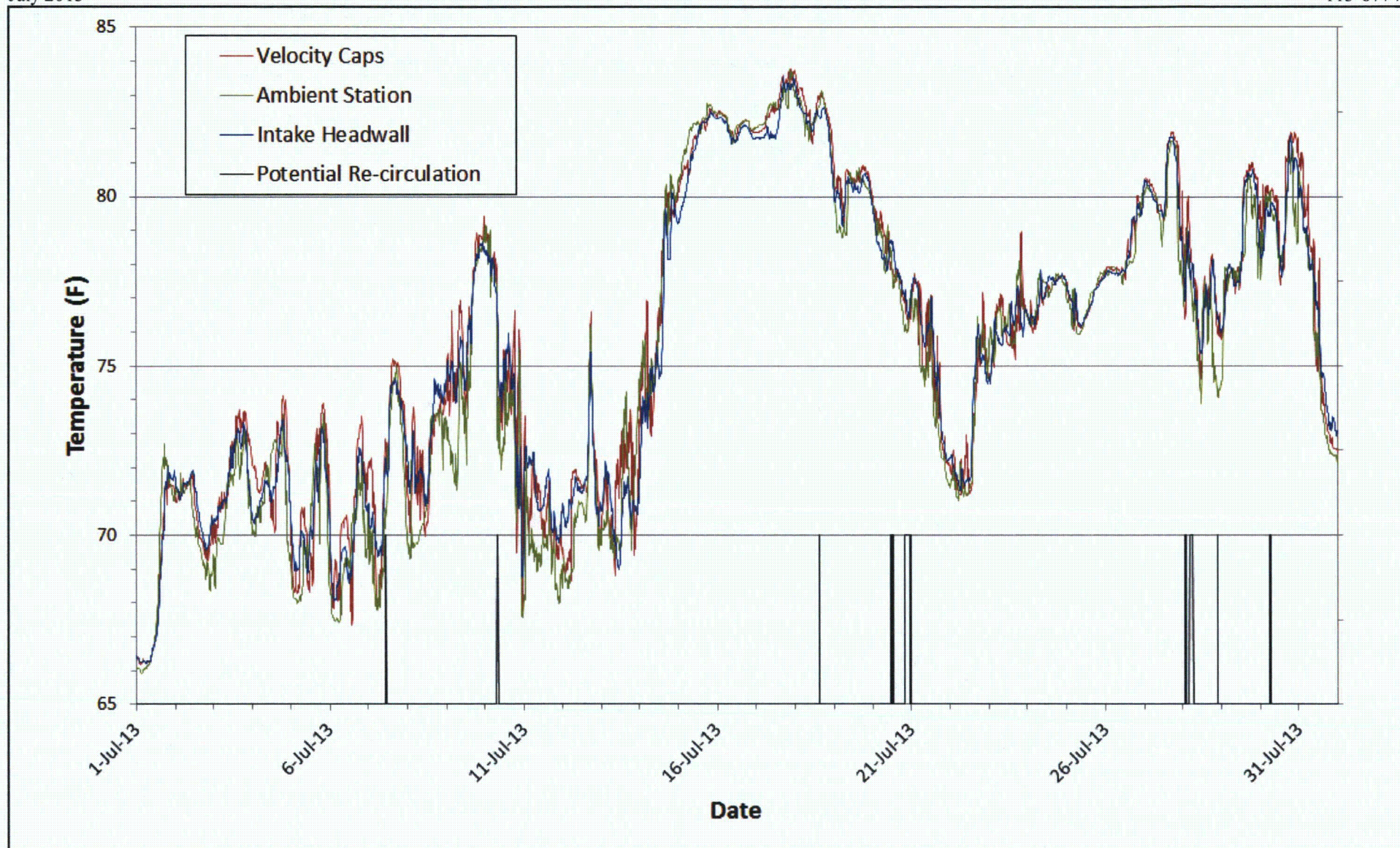
Mid-water temperature at velocity caps, ambient station and intake headwall stations (June 2013)

Stephen Larsen3-05\_G-H-I\_6\_13.docx

Source: Golder, 2013.







Attachment 3-6

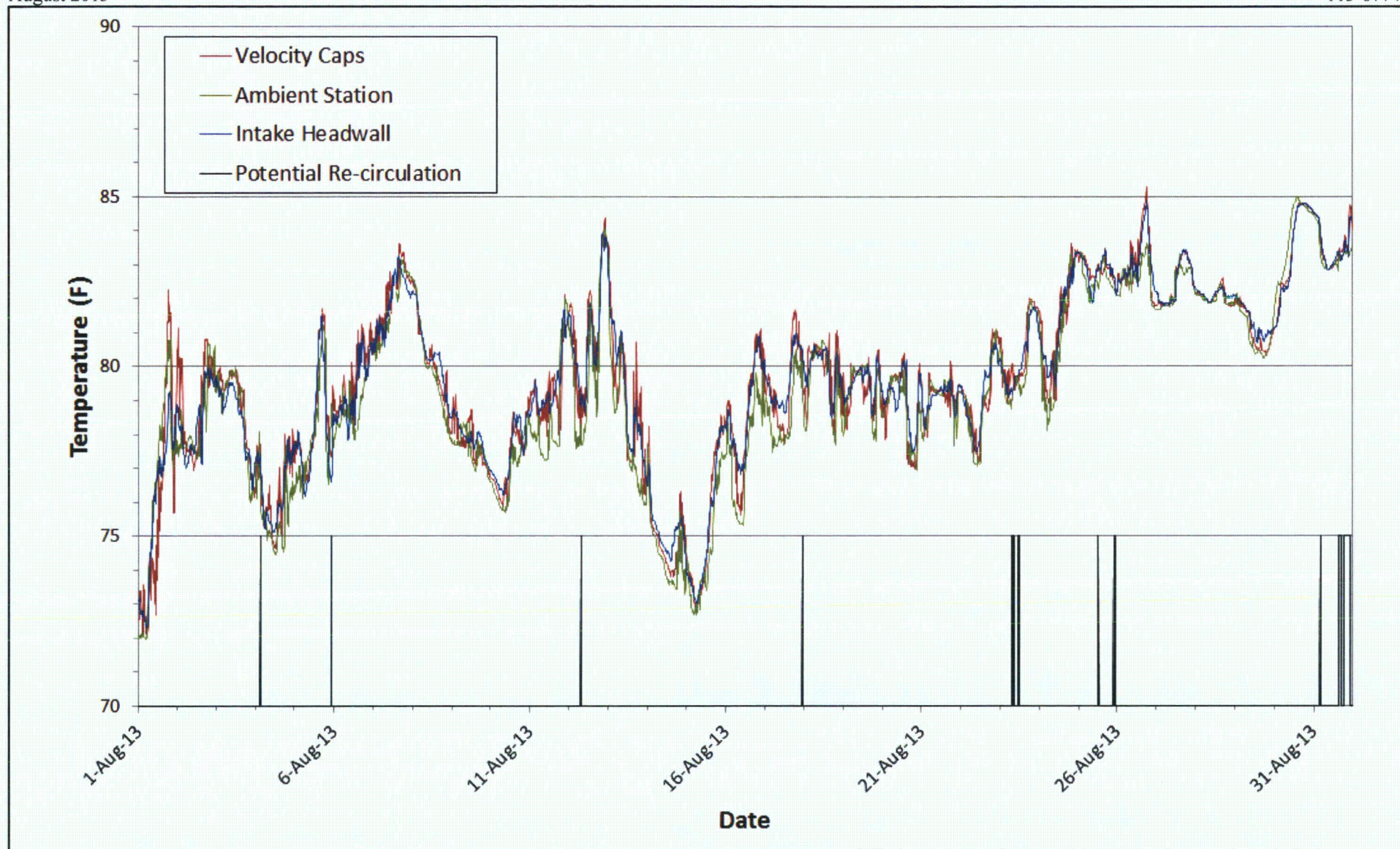
Mid-water temperature at velocity caps, ambient station and intake headwall stations (July 2013)

Stephen Larsen3-06\_G-H-I\_7\_13.docx

Source: Golder, 2013.







Attachment 3-7

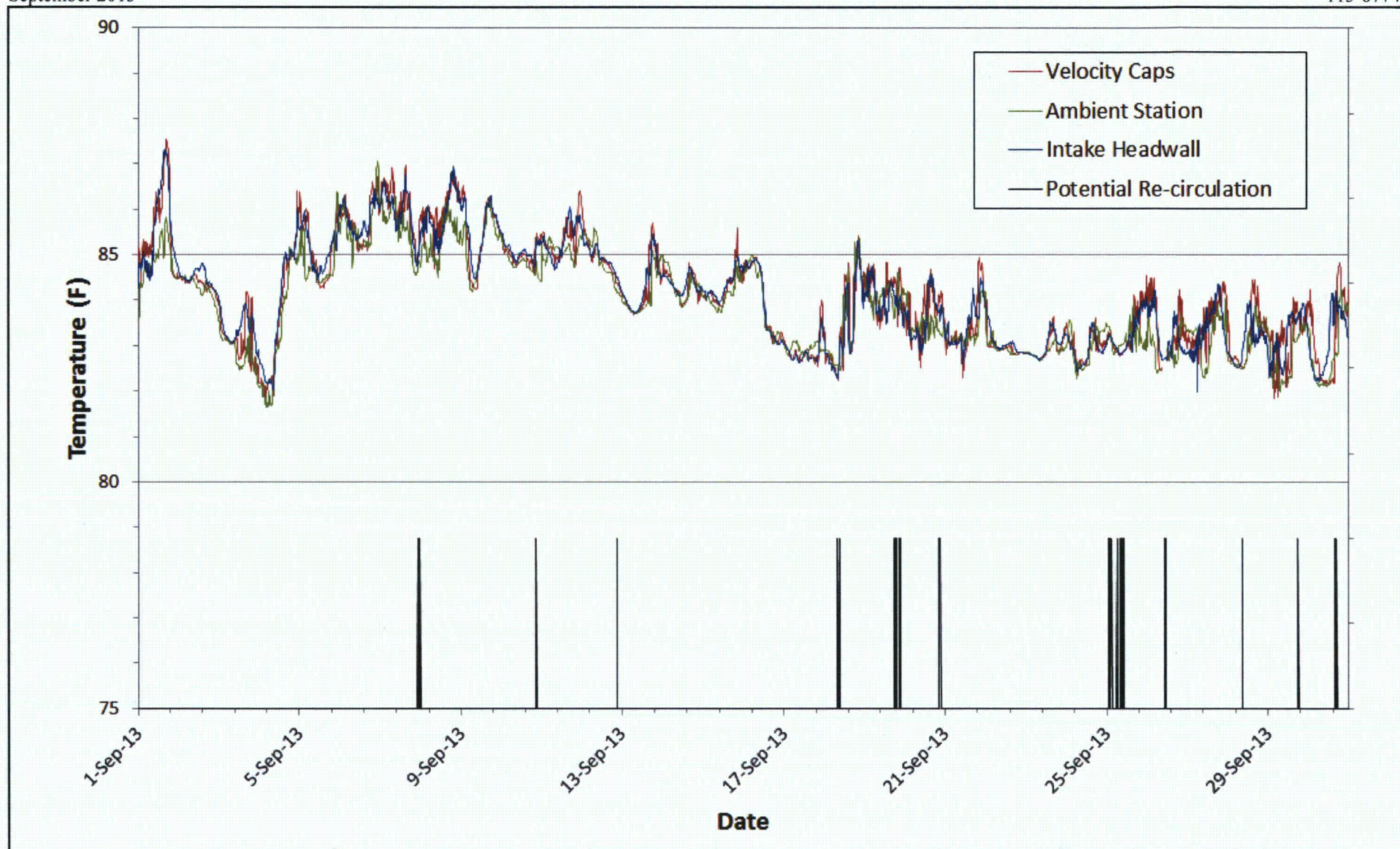
Mid-water temperature at velocity caps, ambient station and intake headwall stations (August, 2013)

Stephen Larsen3-07\_G-H-I\_8\_13.docx

Source: Golder, 2013.







Attachment 3-8

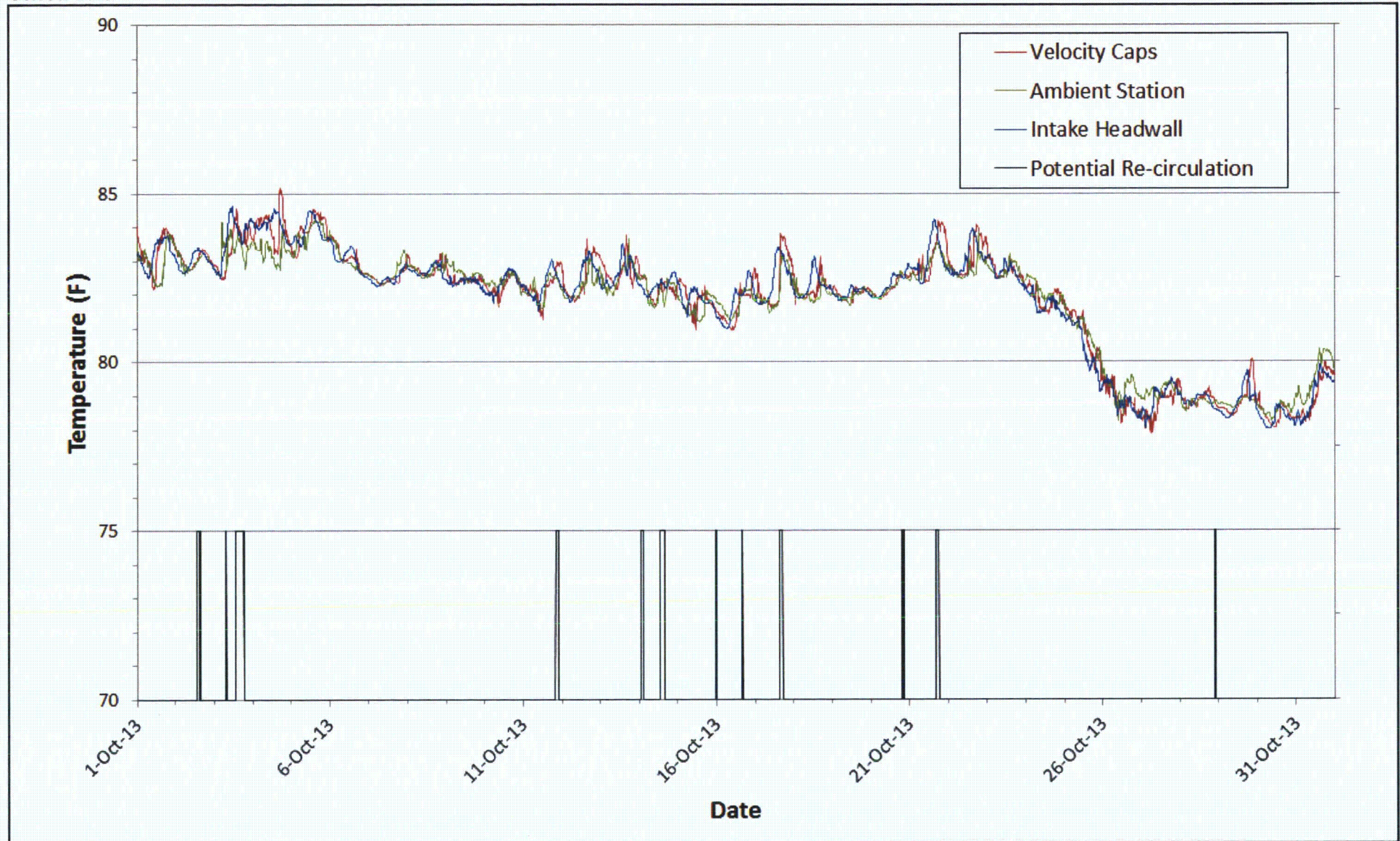
Mid-water temperature at velocity caps, ambient station and intake headwall stations (September, 2013)

Stephen Larsen3-08\_G-H-I\_9\_13.docx

Source: Golder, 2013.







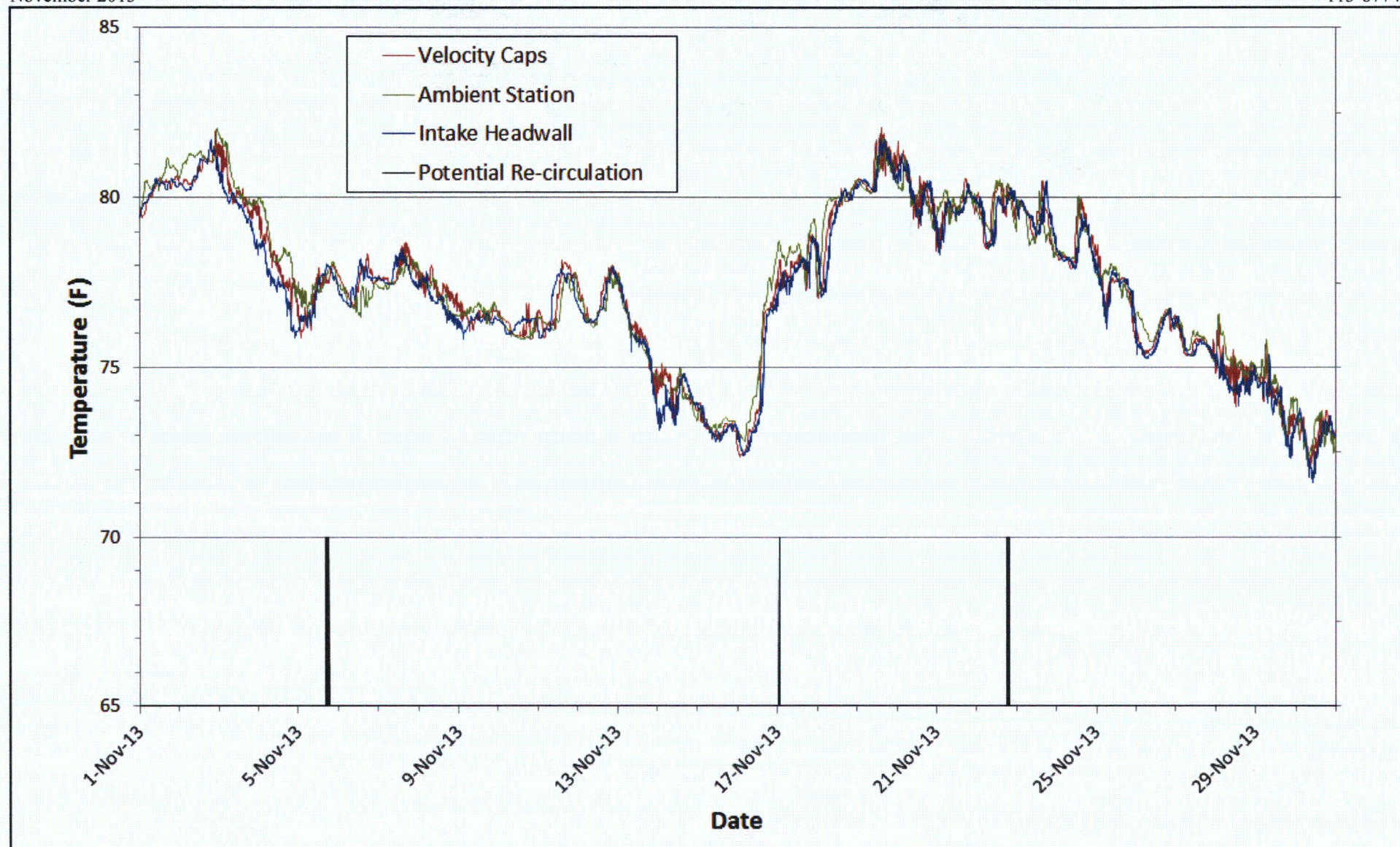
Attachment 3-9

Mid-water temperature at velocity caps, ambient station and intake headwall stations (October, 2013)

Stephen Larsen3-09\_G-H-I\_10\_13.docx

Source: Golder, 2013.





Attachment 3-10

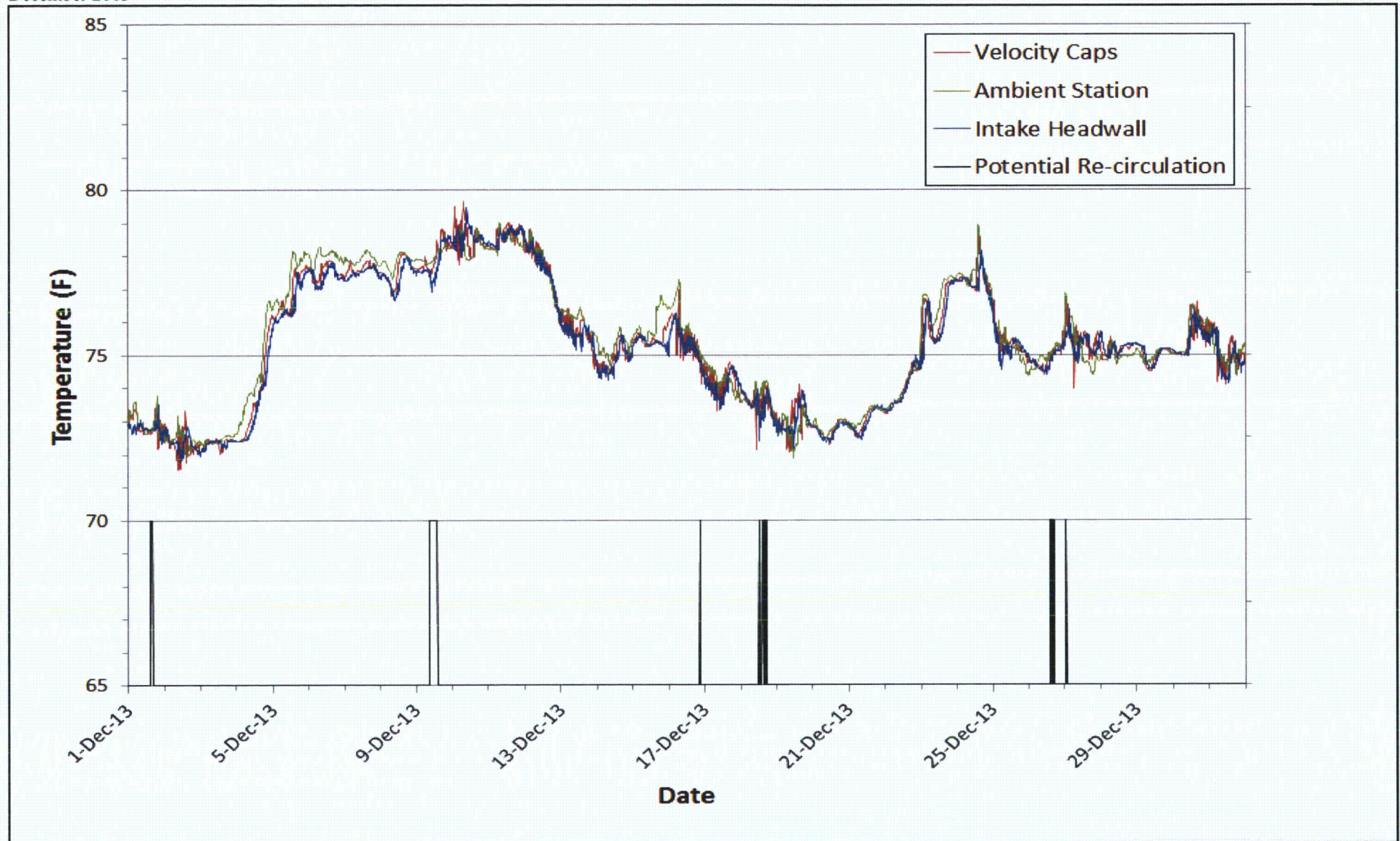
Mid-water temperature at velocity caps, ambient station and intake headwall stations (November, 2013)

Stephen Larsen3-10\_G-H-I\_11\_13.docx

Source: Golder, 2013.







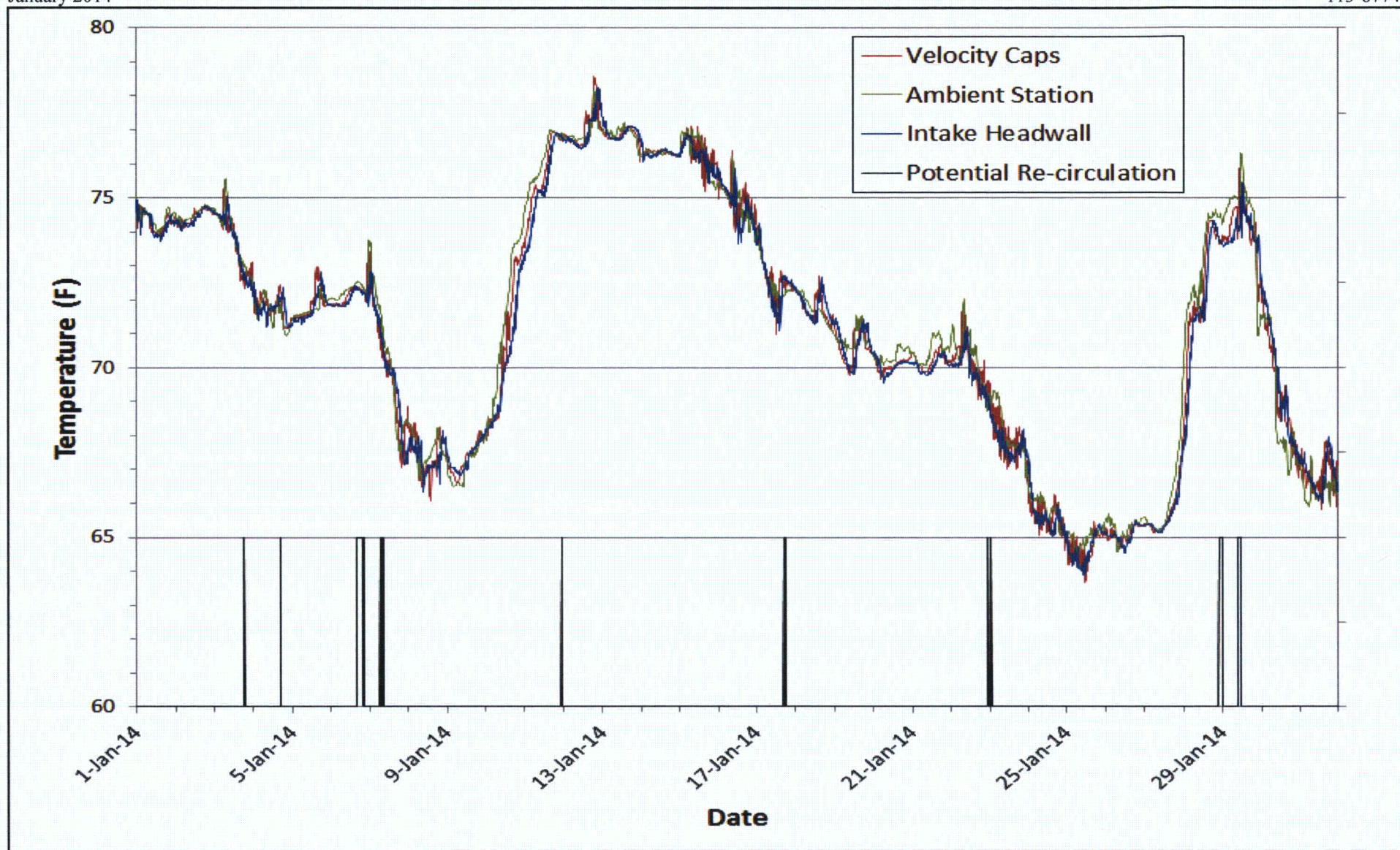
Attachment 3-11

Mid-water temperature at velocity caps, ambient station and intake headwall stations (December, 2013)

Stephen Larsen3-11\_G-H-I\_12\_13.docx

Source: Golder, 2013.





Attachment 3-12

Mid-water temperature at velocity caps, ambient station and intake headwall stations (January, 2014)

Stephen Larsen3-12\_G-H-I\_1\_14.docx

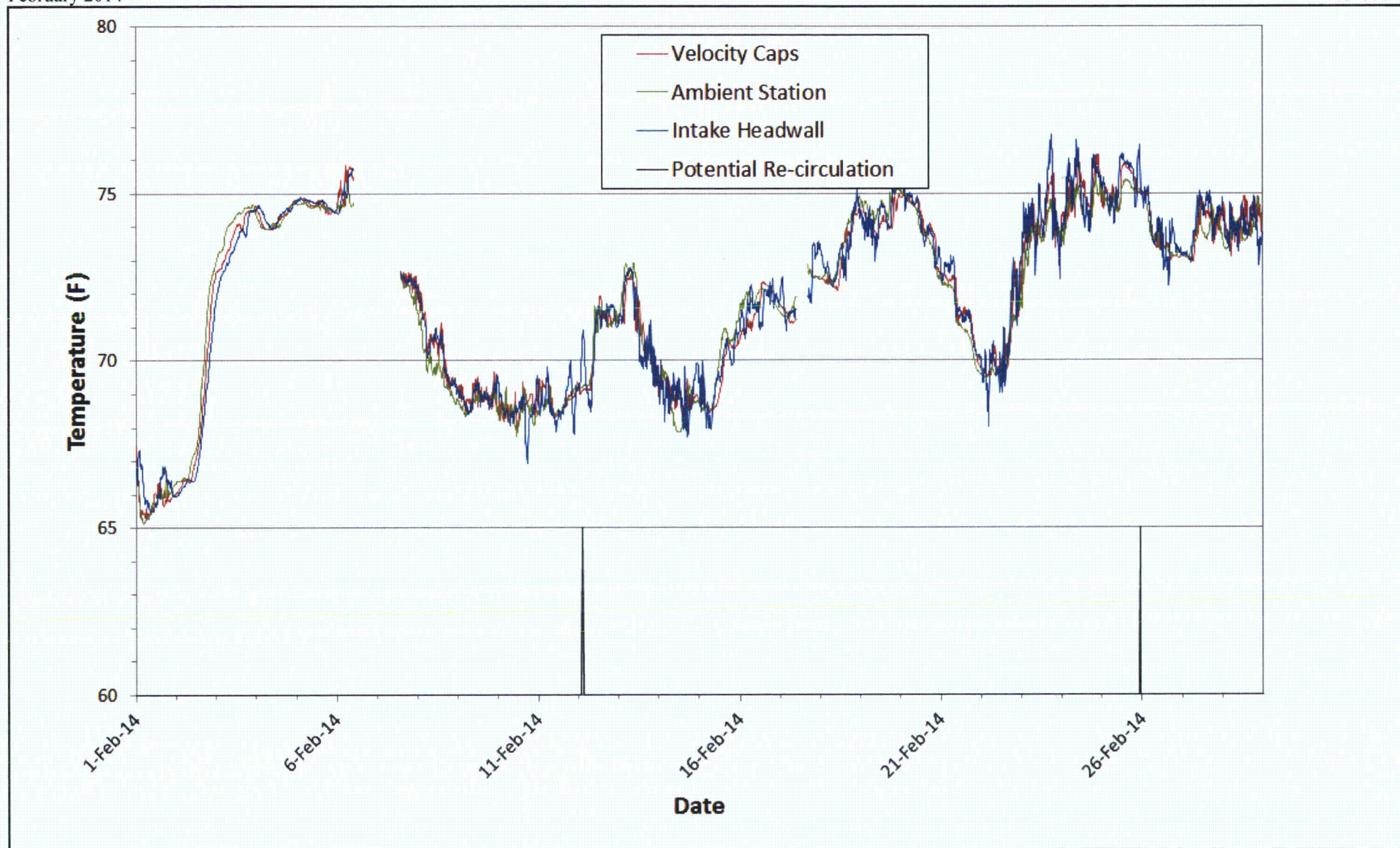
Source: Golder, 2014.





February 2014

113-87743



Attachment 3-13

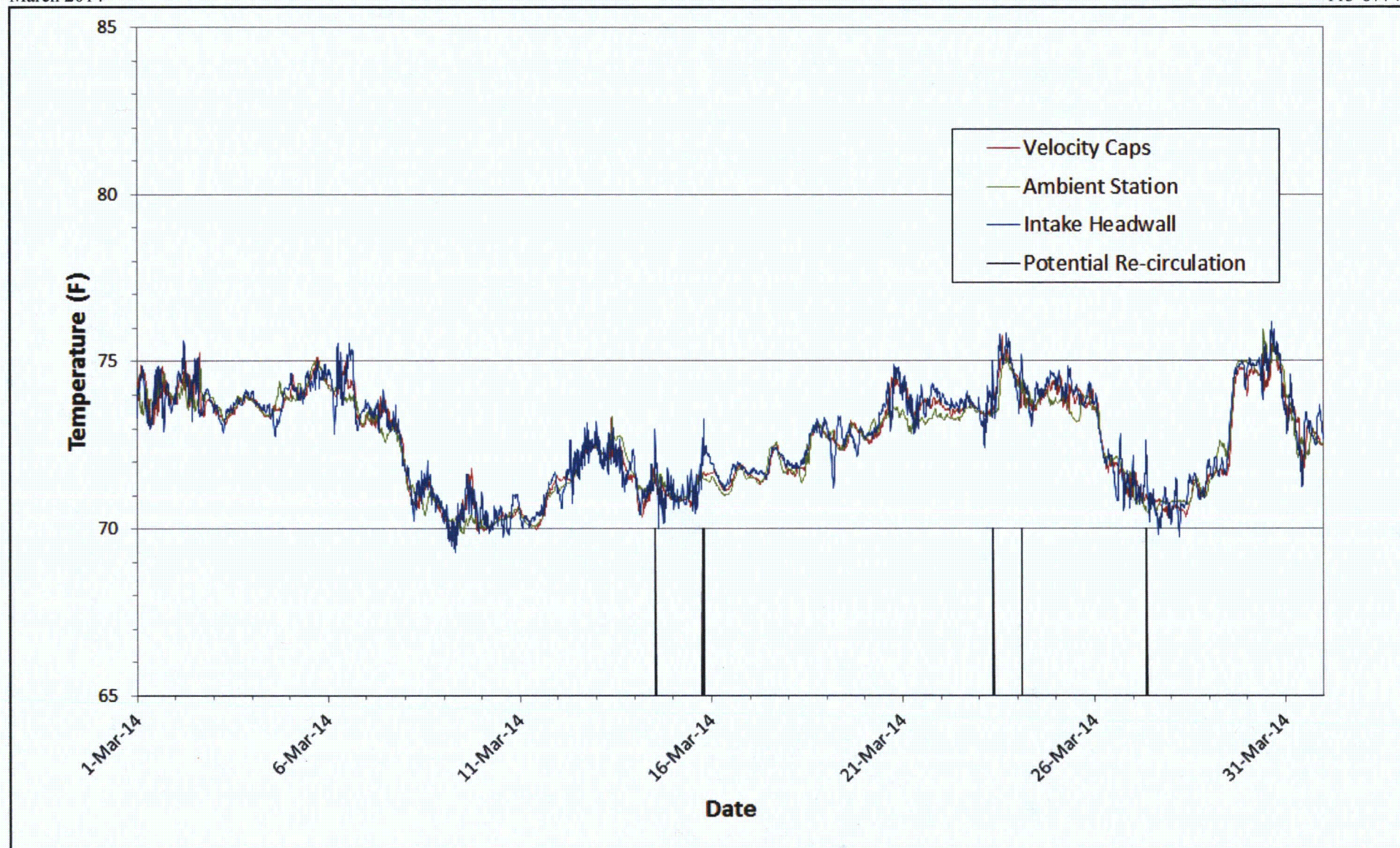
Mid-water temperature at velocity caps, ambient station and intake headwall stations (February, 2014)

Stephen Larsen3-13\_G-H-I\_2\_14.docx

Source: Golder, 2014.







Attachment 3-14

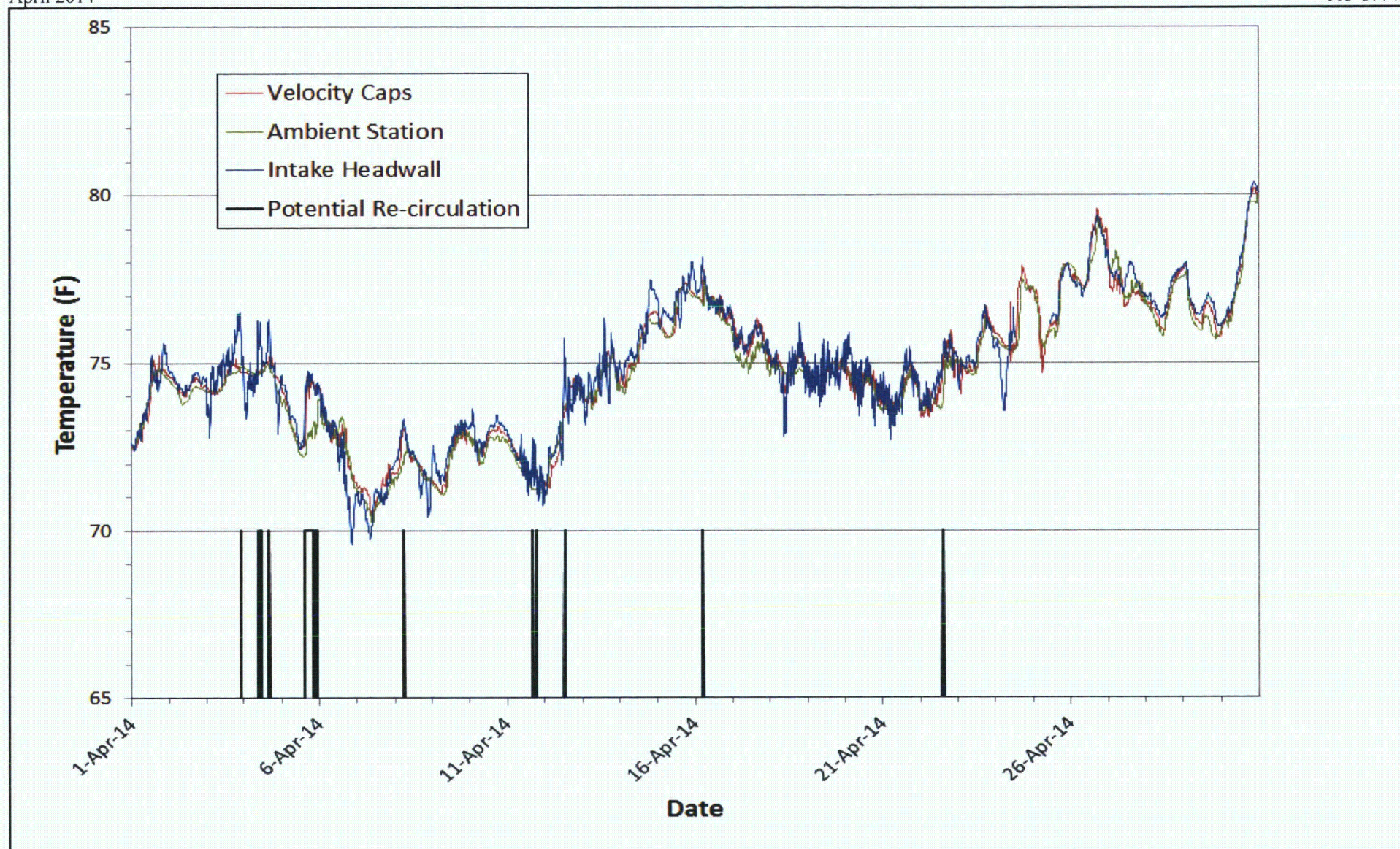
Mid-water temperature at velocity caps, ambient station and intake headwall stations (March, 2014)

Stephen Larsen3-14\_G-H-I\_3\_14.docx

Source: Golder, 2014.







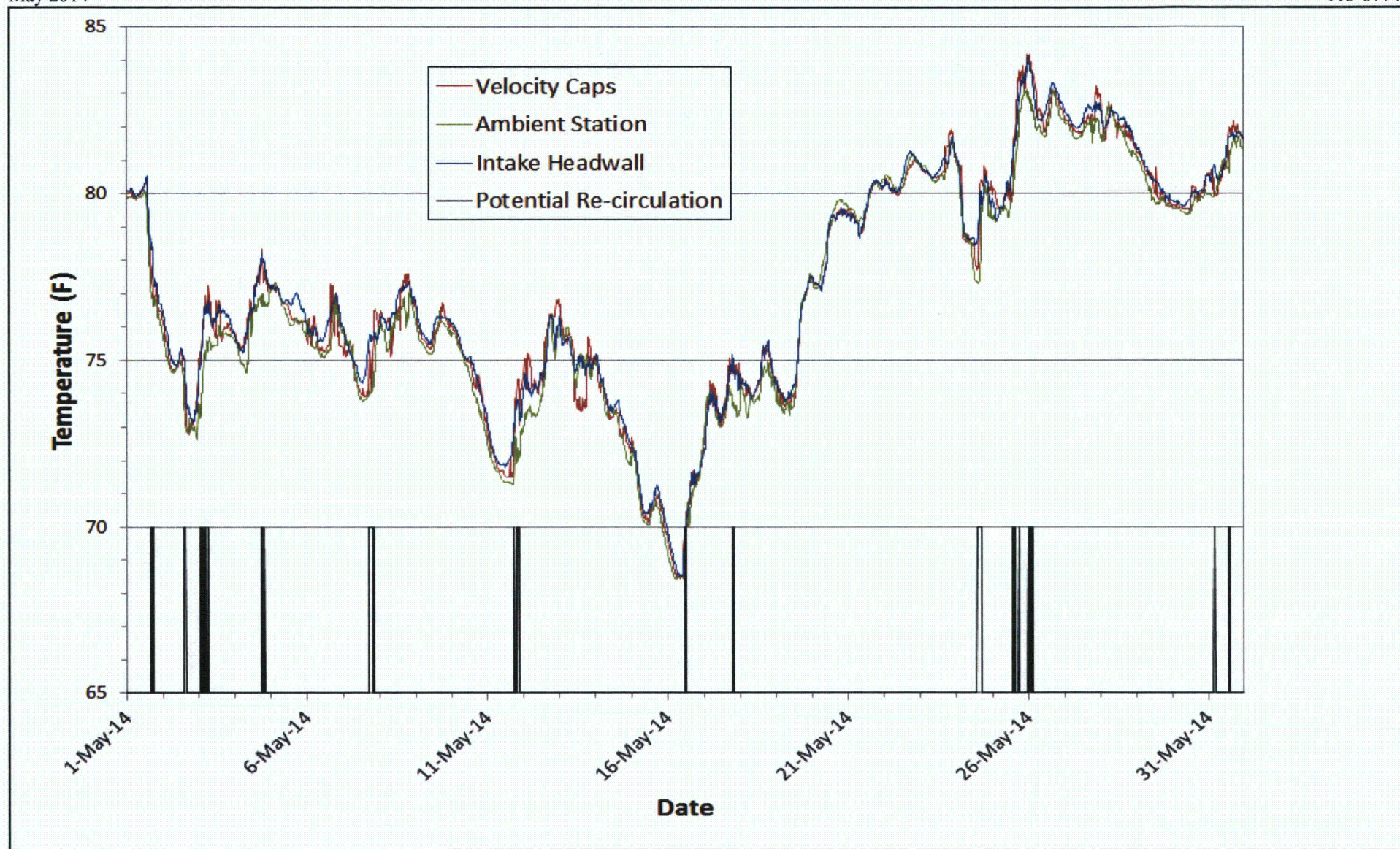
Attachment 3-15

Mid-water temperature at velocity caps, ambient station and intake headwall stations (April, 2014)

Stephen Larsen3-15\_G-H-I\_4\_14.docx

Source: Golder, 2014.





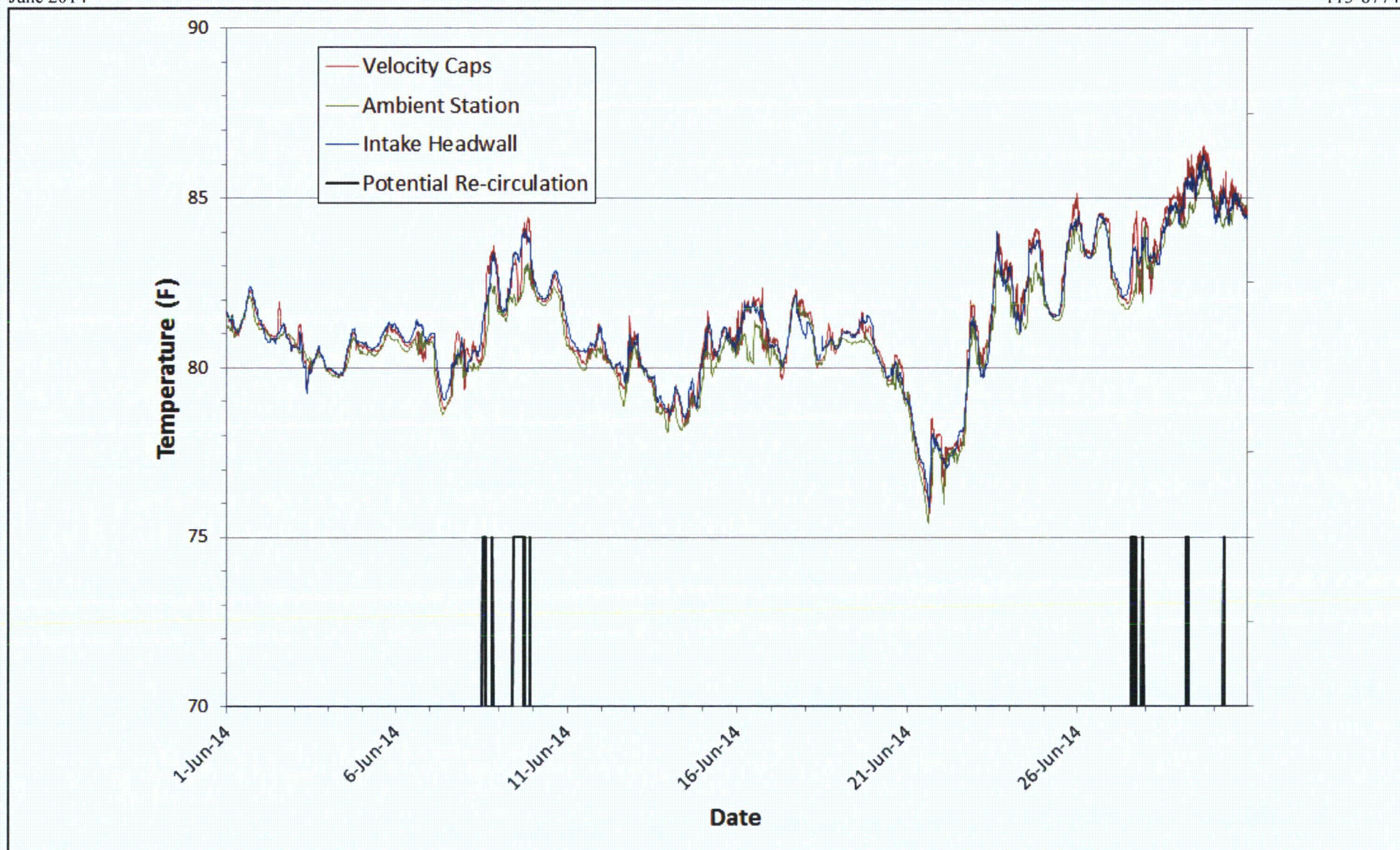
Attachment 3-16

Mid-water temperature at velocity caps, ambient station and intake headwall stations (May, 2014)

Stephen Larsen3-16\_G-H-I\_5\_14.docx

Source: Golder, 2014.





Attachment 3-17

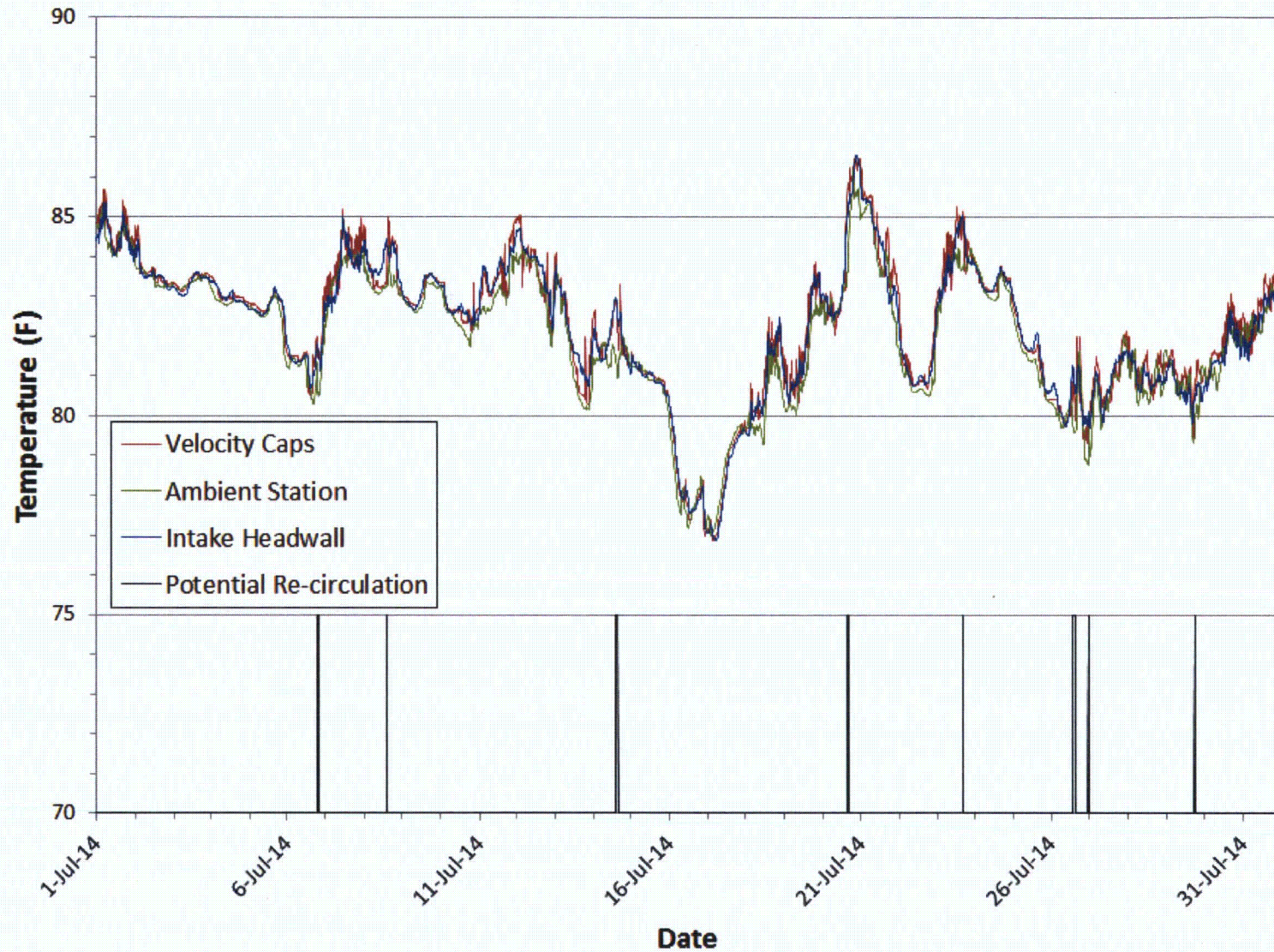
Mid-water temperature at velocity caps, ambient station and intake headwall stations (June, 2014)

Stephen Larsen3-17\_G-H-I\_6\_14.docx

Source: Golder, 2014.







Attachment 3-18

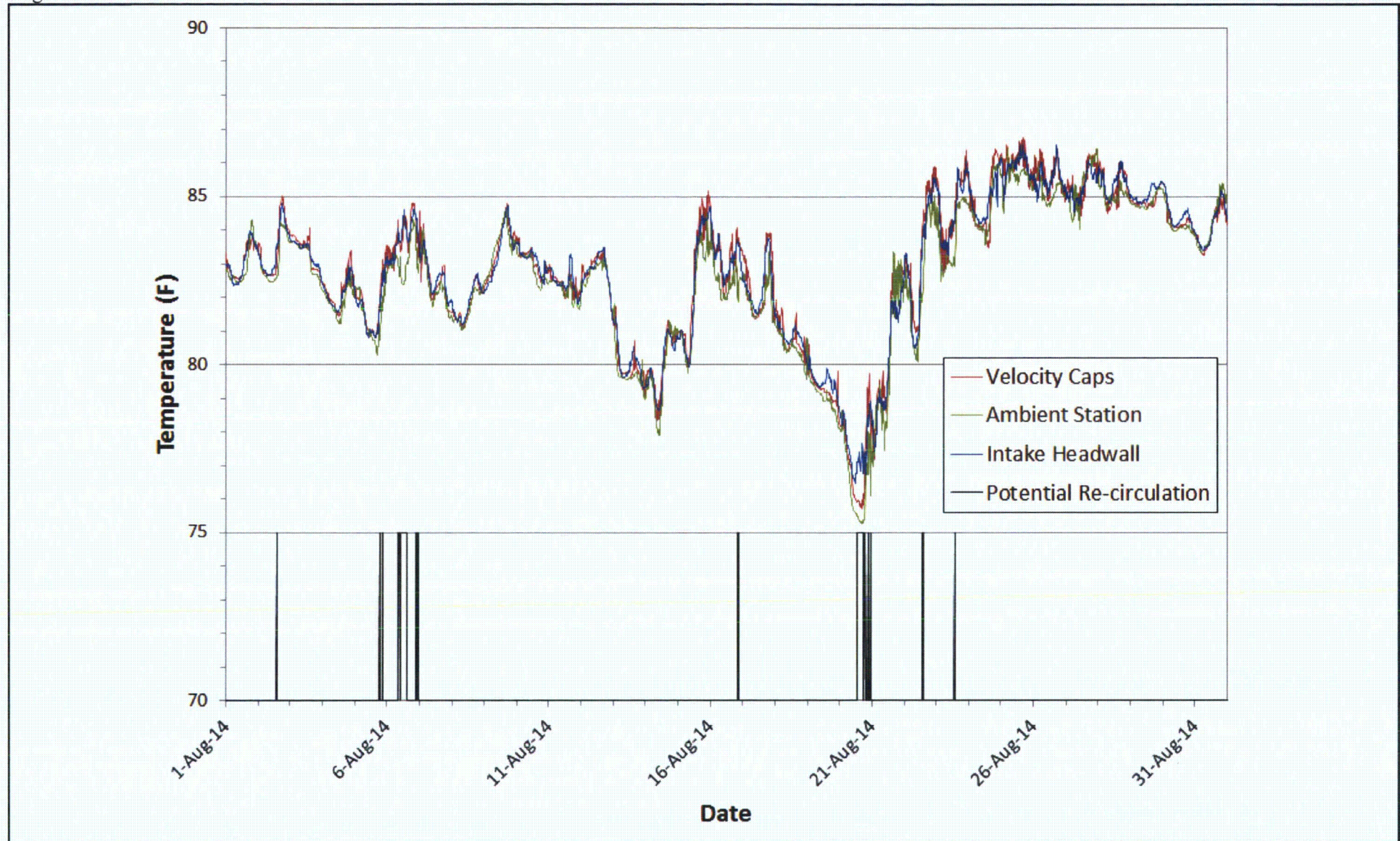
Mid-water temperature at velocity caps, ambient station and intake headwall stations (July, 2014)

Stephen Larsen3-18\_G-H-I\_7\_14.docx

Source: Golder, 2014.







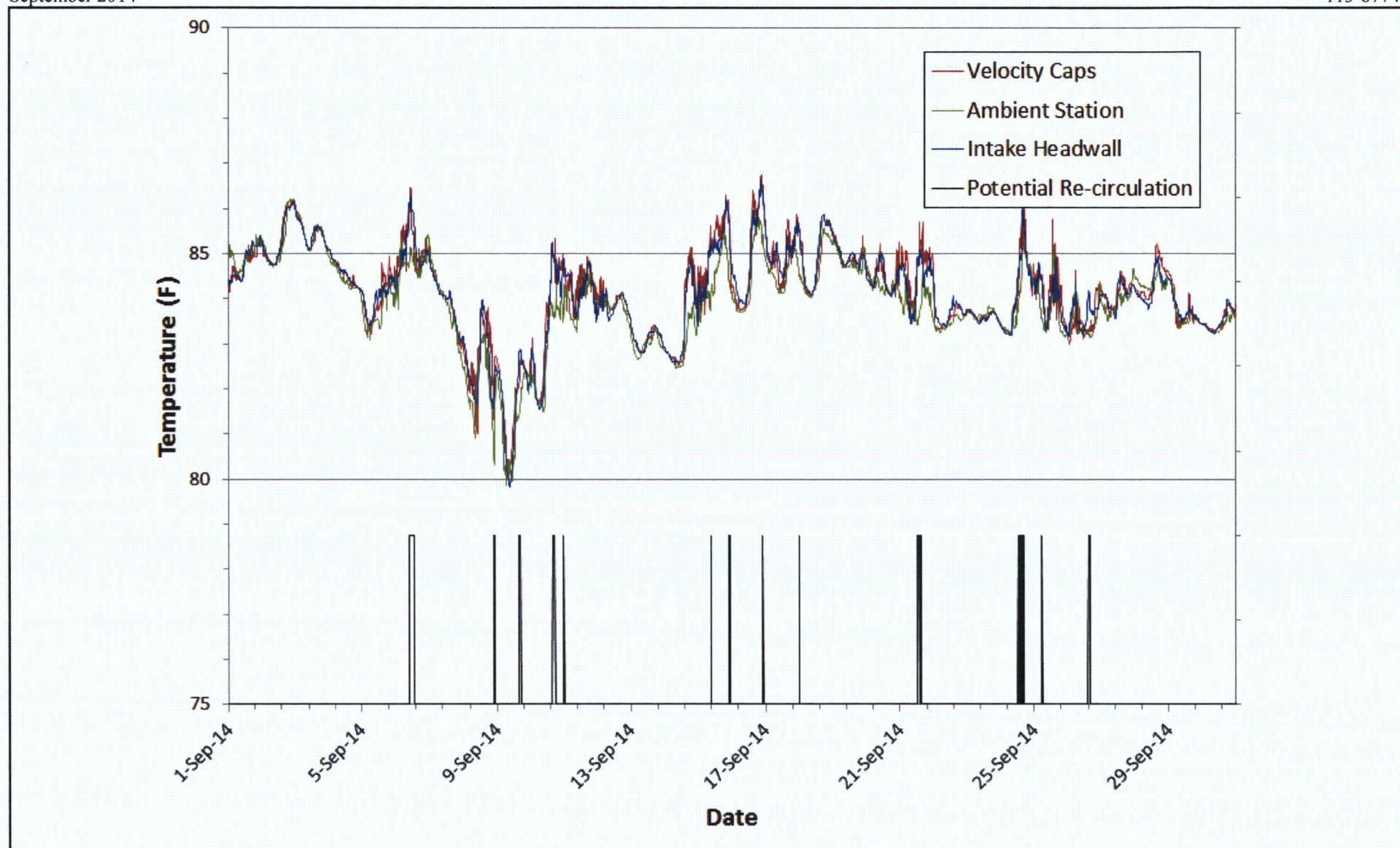
Attachment 3-19

Mid-water temperature at velocity caps, ambient station and intake headwall stations (August, 2014)

Stephen Larsen3-19\_G-H-I\_8\_14.docx

Source: Golder, 2014.





Attachment 3-20

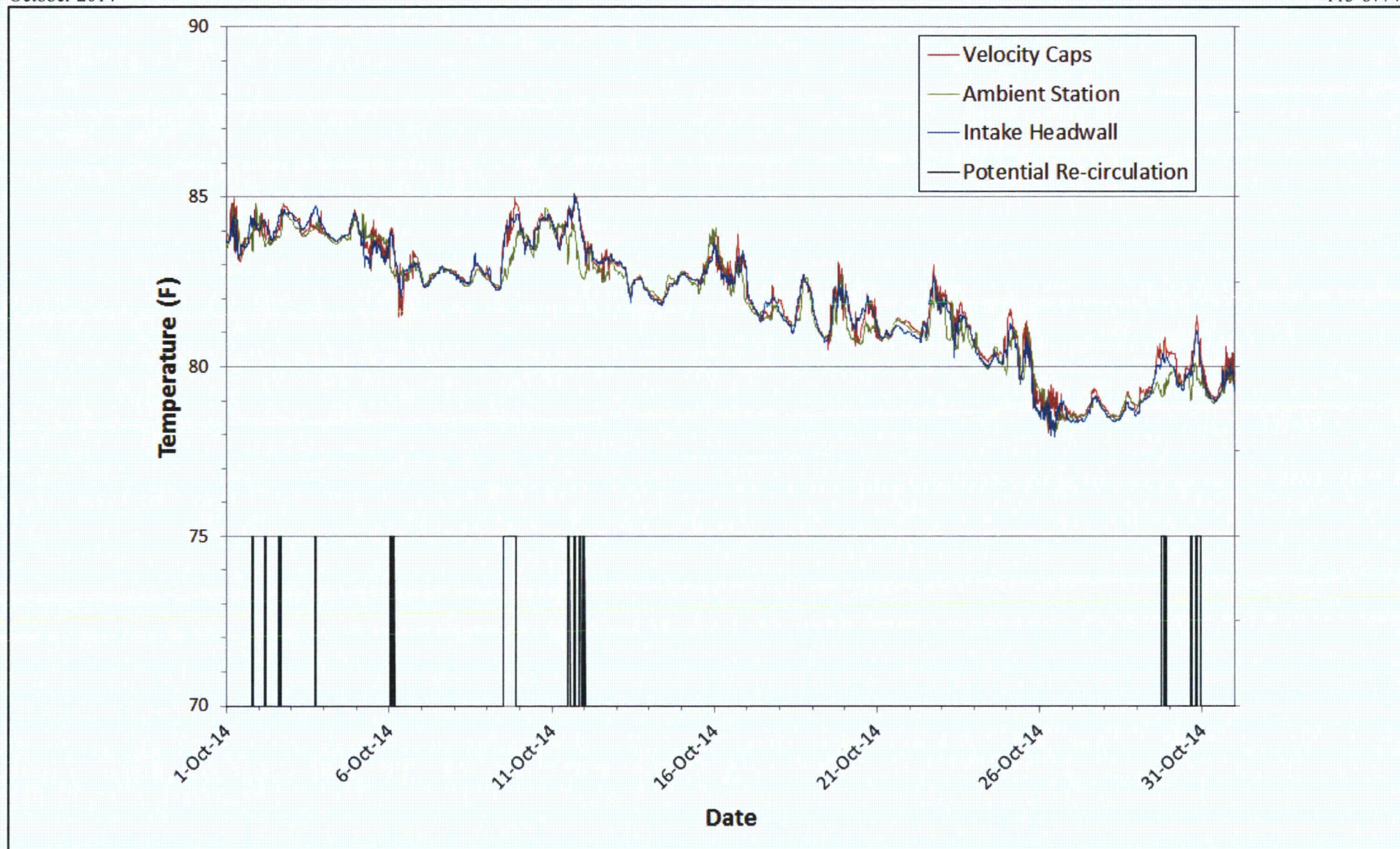
Mid-water temperature at velocity caps, ambient station and intake headwall stations (September, 2014)

Stephen Larsen3-20\_G-H-I\_9\_14.docx

Source: Golder, 2014.







Attachment 3-21

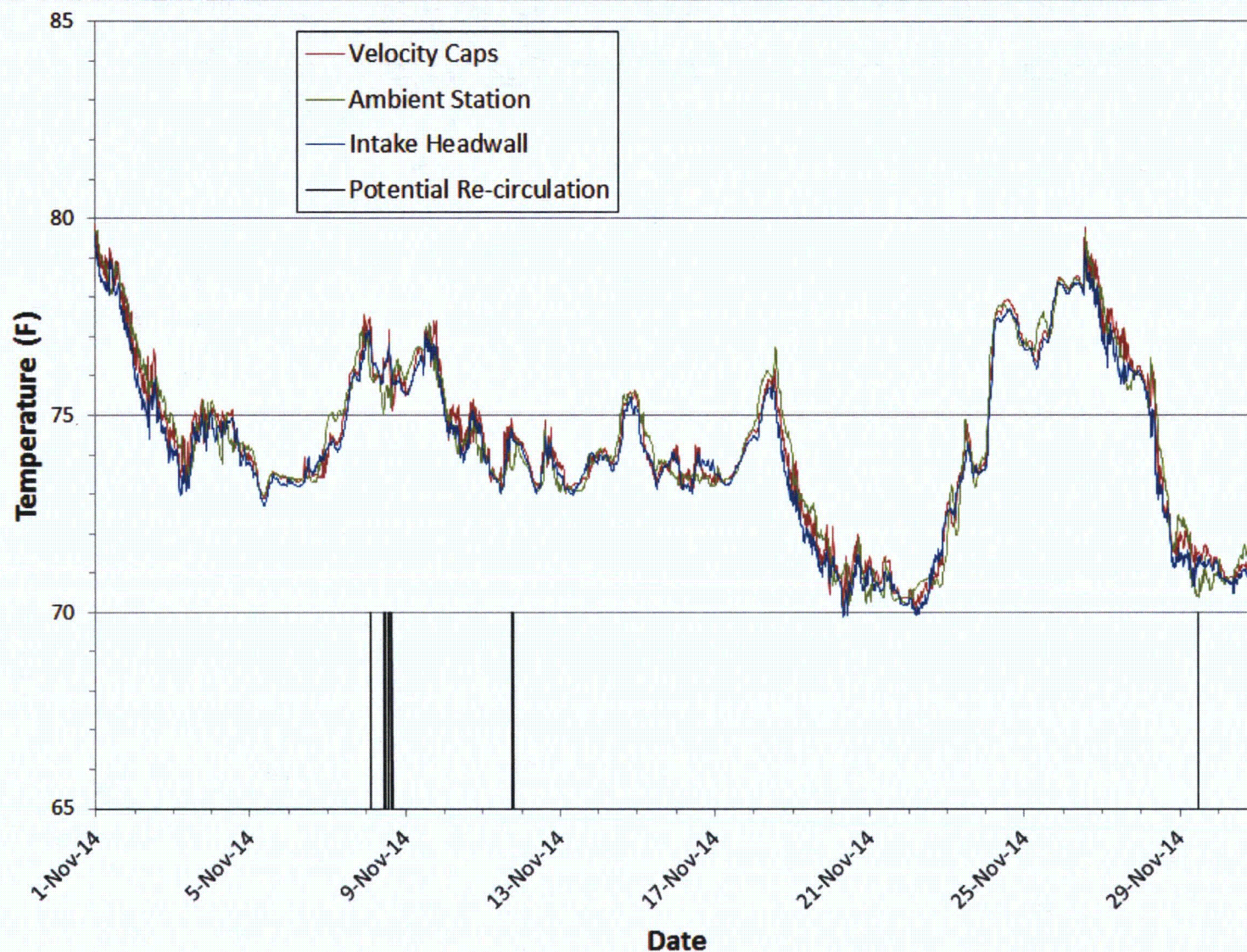
Mid-water temperature at velocity caps, ambient station and intake headwall stations (October, 2014)

Stephen Larsen3-21\_G-H-I\_10\_14.docx

Source: Golder, 2014.







Attachment 3-22

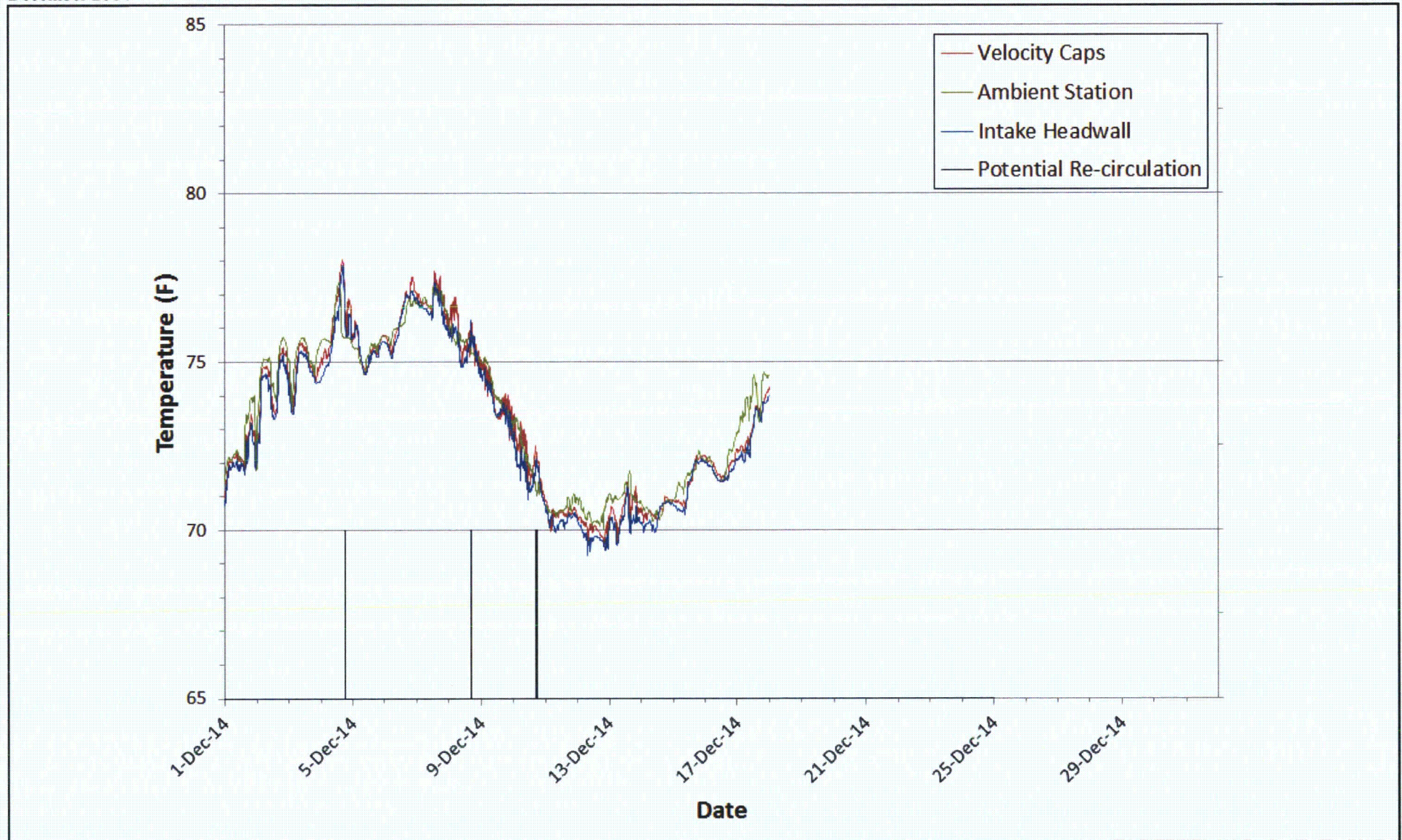
Mid-water temperature at velocity caps, ambient station and intake headwall stations (November, 2014)

Stephen Larsen3-22\_G-H-I\_11\_14.docx

Source: Golder, 2014.







Attachment 3-23

Mid-water temperature at velocity caps, ambient station and intake headwall stations (December, 2014)

Stephen Larsen3-23\_G-H-I\_12\_14.docx

Source: Golder, 2014.



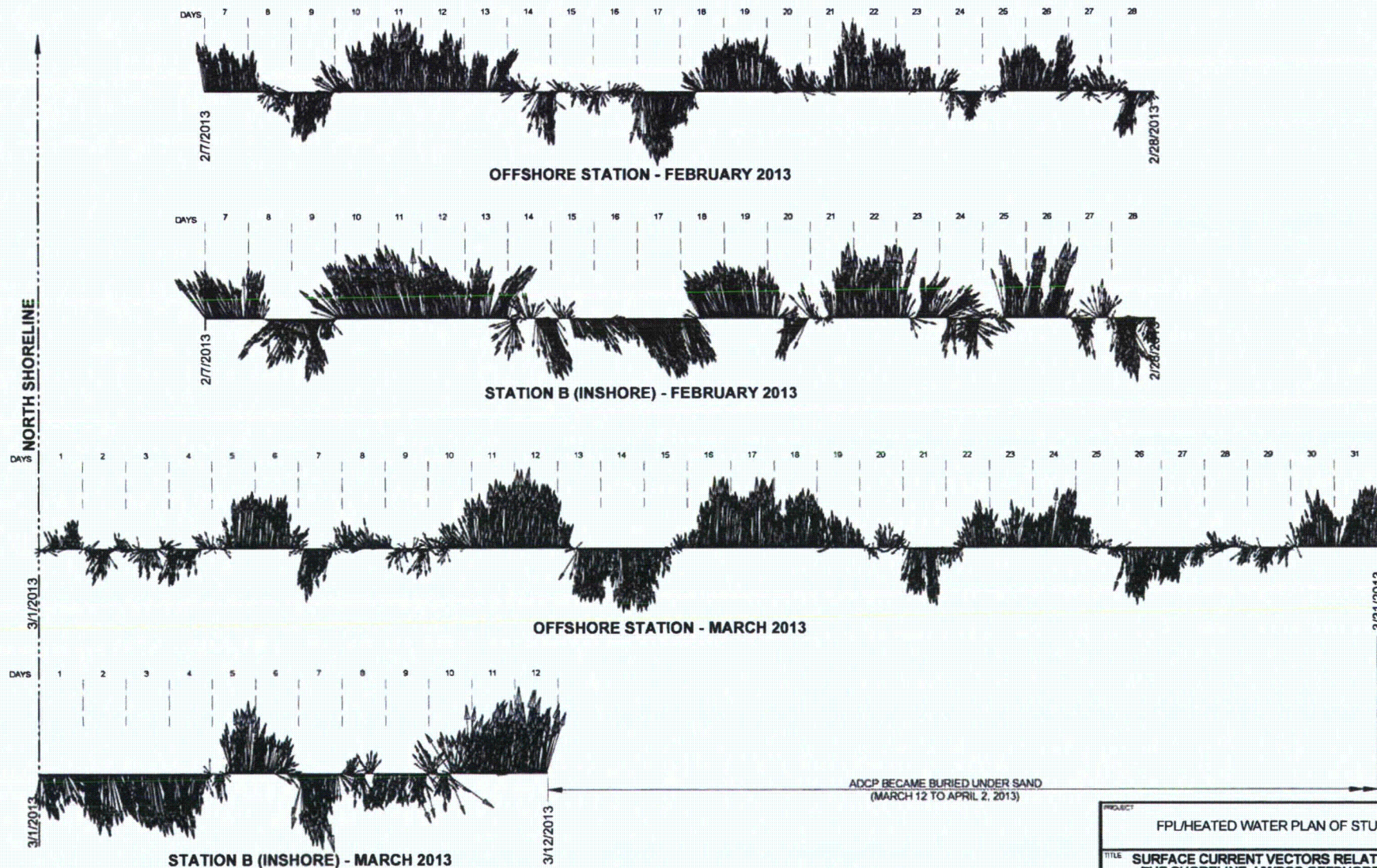


**ATTACHMENT 4**

**SURFACE CURRENTS AT COASTAL STATION B  
AND THE OFFSHORE ADCP**



N:\File\2011\1113-8743\B - RC TimeActive Drawings\11130743-8001.dwg [FIGURE 4-1] Modified: Monday, 08/11/2014 12:13 PM | Plotted: Monday, 03/31/13 | Jacksonville, FL



0.5 0 0.5  
ARROW SCALE m/s

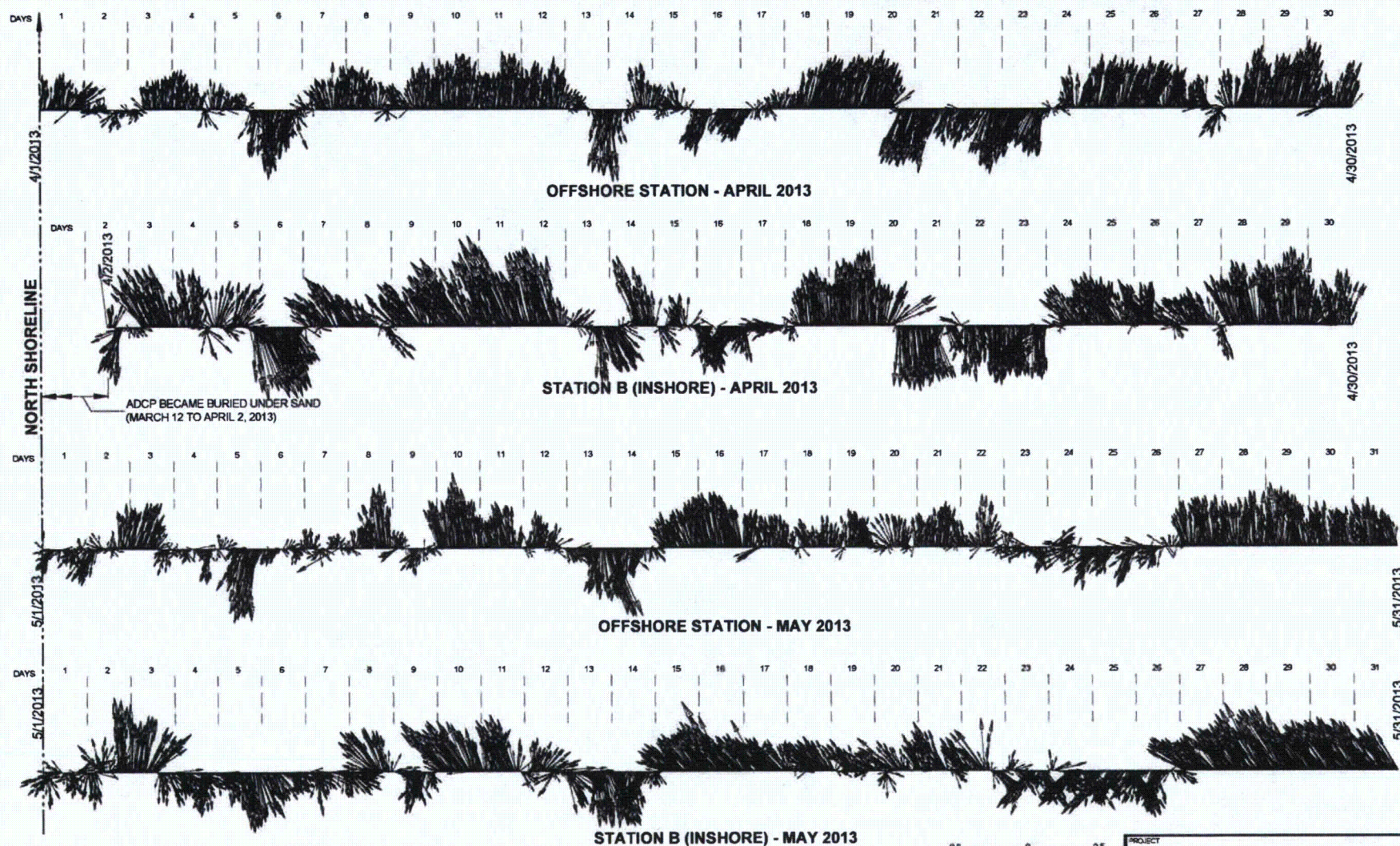
|  |           |          |              |
|--|-----------|----------|--------------|
| PROJECT  |           |          |              |
| FPL/HEATED WATER PLAN OF STUDY   |           |          |              |
| TITLE  |           |          |              |
| SURFACE CURRENT VECTORS RELATIVE TO THE SHORELINE, HWPOS OFFSHORE AND INSHORE STATIONS (FEBRUARY & MARCH 2013) |           |          |              |
| PROJECT No.  | 113-57743 | FILE No. | 1138743-8001 |
| DESIGN   | OMP       | DATE     | 12/03/13     |
| CADD   | BCL       | SCALE    | NOT TO SCALE |
| CHECK  |           |          |              |
| REVIEW   |           |          |              |



**FIGURE 4-1**



N:\p03\0311113-8774318 - RC TempActive Drawings\11387743-8001.dwg [FIGURE 4-2] Modified: 08/11/2014 2:13 PM Plotted: 08/05/2014 03:31 PM Jacksonville, FL



0.5 0 0.5  
ARROW SCALE m/s

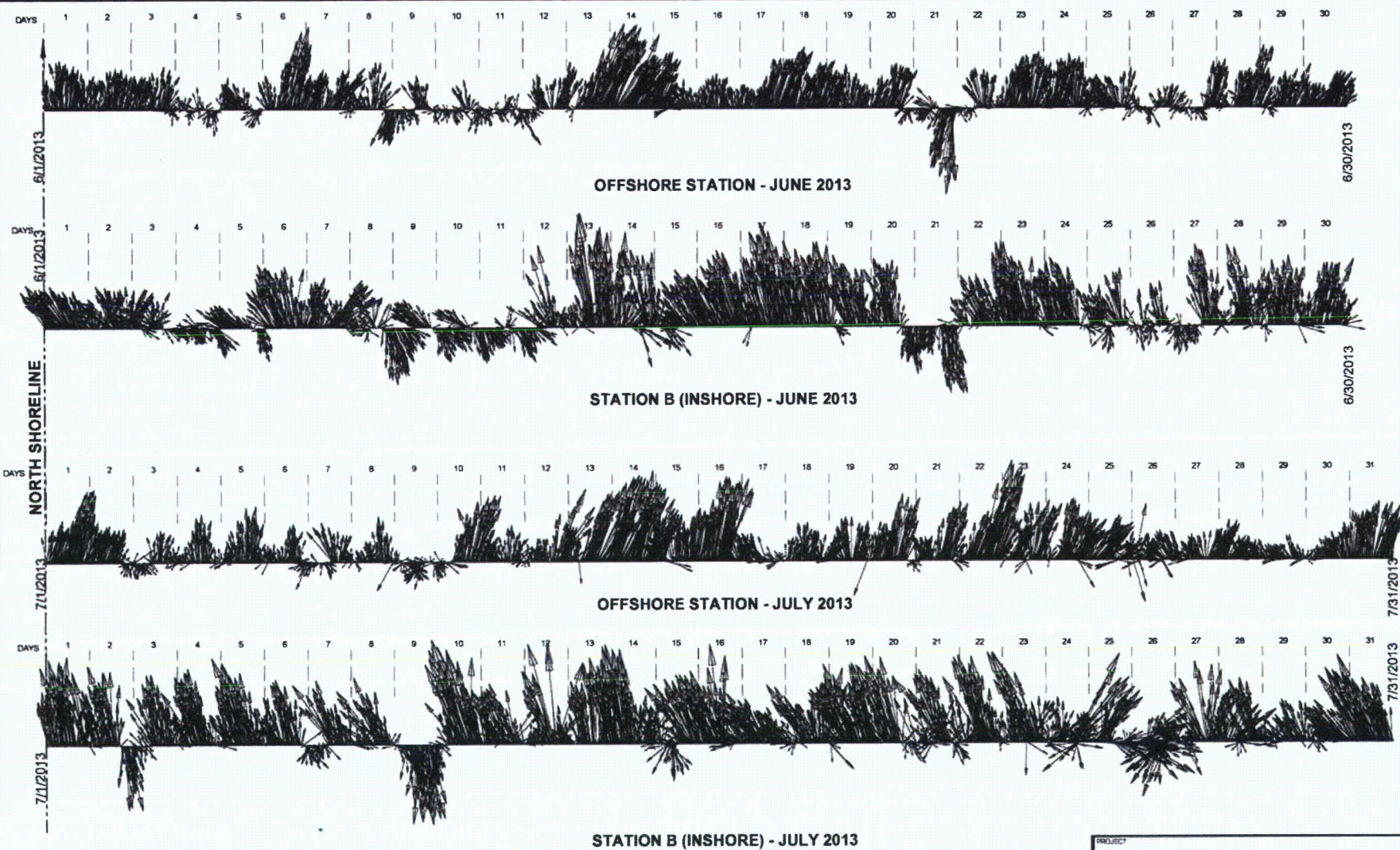
|   |           |          |               |
|---|-----------|----------|---------------|
| PROJECT   |           |          |               |
| FPL/HEATED WATER PLAN OF STUDY  |           |          |               |
| TITLE   |           |          |               |
| SURFACE CURRENT VECTORS RELATIVE TO THE SHORELINE, HWPOS OFFSHORE AND INSHORE STATIONS (APRIL & MAY 2013) |           |          |               |
| PROJECT No.   | 113-87743 | FILE No. | 113B/713-8001 |
| DESIGN  | OMP       | 12/05/13 | SCALE         |
| CADD  | BCL       | 12/09/13 | NOT TO SCALE  |
| CHECK   |           |          |               |
| REVIEW  |           |          |               |



FIGURE 4-2



N:\FAC\2011\113-87425B - RC TimeActive Drawings\11387425B.DWG [FIGURE 4-3] Modified: 06/11/2013 13:13 PM [Plotted: 06/11/2013 13:13 PM] [Plotted: 06/11/2013 13:13 PM] [Plotted: 06/11/2013 13:13 PM]



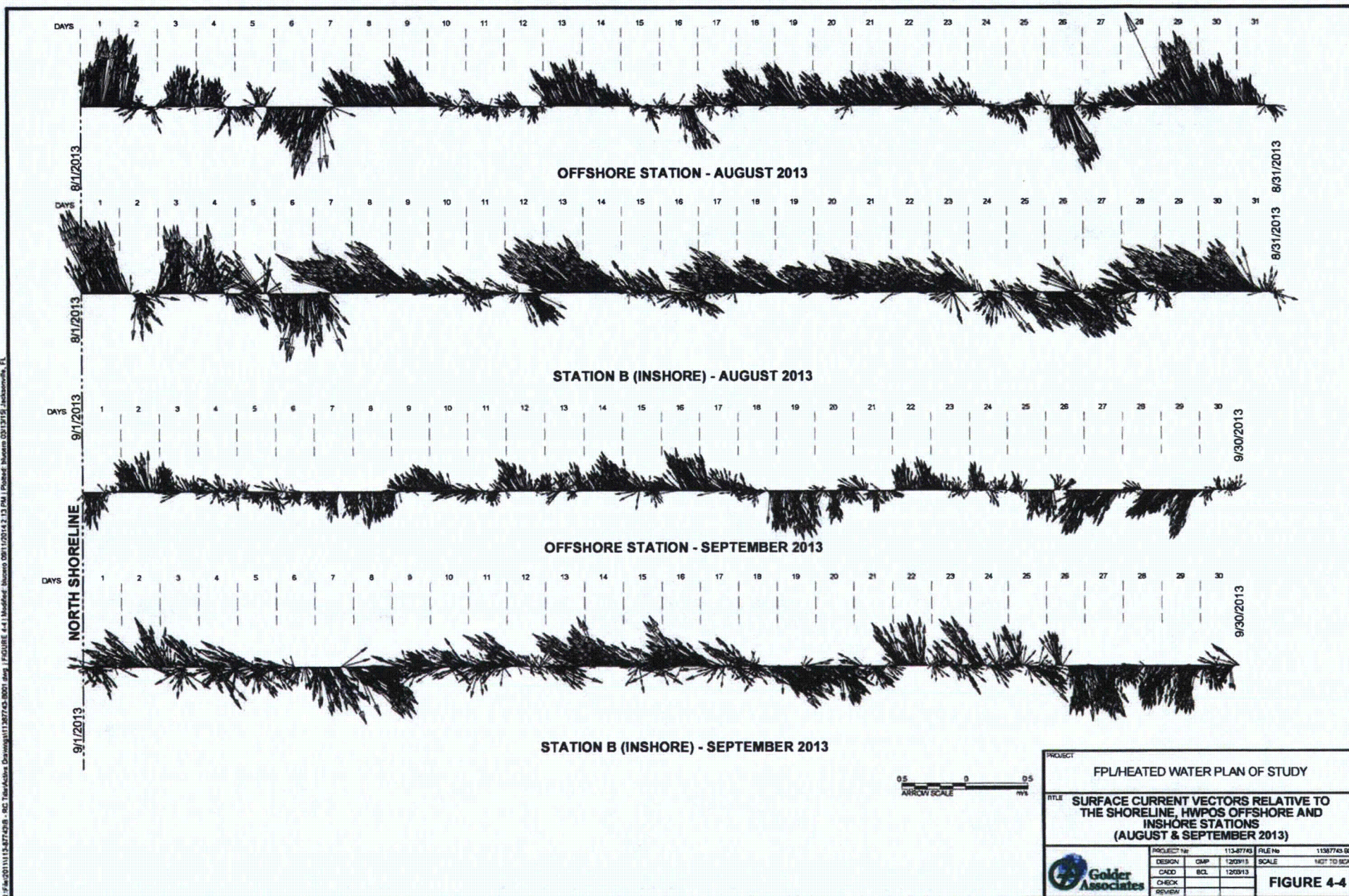
|             |           |   |              |
|-------------|-----------|---|--------------|
| PROJECT     |           | FPL/HEATED WATER PLAN OF STUDY  |              |
| TITLE       |           | SURFACE CURRENT VECTORS RELATIVE TO THE SHORELINE, HWPOS OFFSHORE AND INSHORE STATIONS (JUNE & JULY 2013) |              |
| PROJECT No. | 113-87425 | FILE No.  | 11387425.DWG |
| DESIGN      | GMP       | SCALE   | NOT TO SCALE |
| CADD        | BCL       |   |              |
| CHECK       |           |   |              |
| REVIEW      |           |   |              |



FIGURE 4-3



N:\FAC\2011\115-877429 - RC\_TierActive Drawings\115-877429-0001.dwg [PLOT] 8/1/2013 2:13 PM [Plotter: Mupac 001] 31/9/13 Jackson, FL

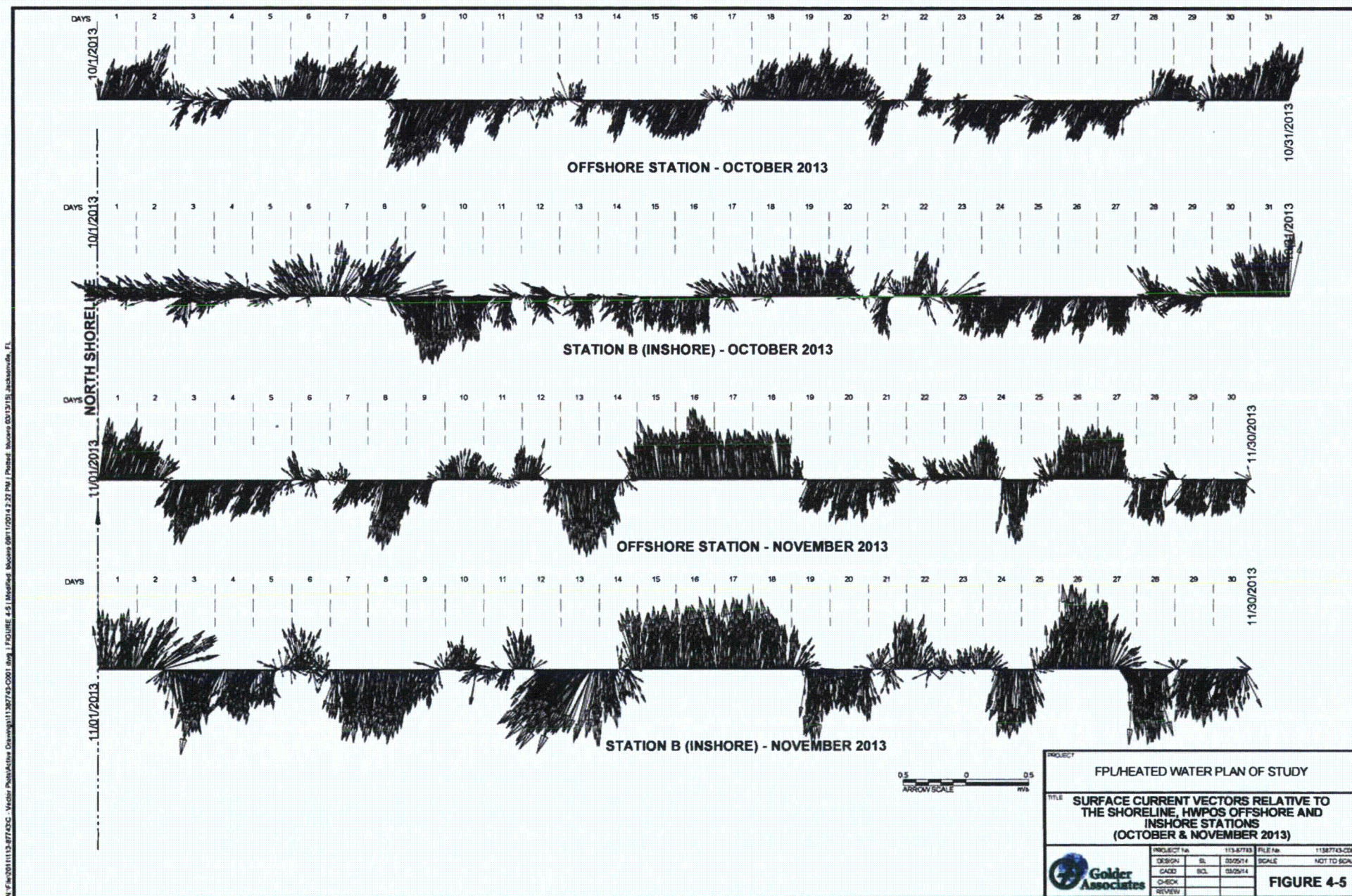


|             |            |  |                |
|-------------|------------|--|----------------|
| PROJECT     |            | FPL/HEATED WATER PLAN OF STUDY   |                |
| TITLE       |            | SURFACE CURRENT VECTORS RELATIVE TO THE SHORELINE, HWPOS OFFSHORE AND INSHORE STATIONS (AUGUST & SEPTEMBER 2013) |                |
| PROJECT No. | 115-877429 | FILE No.   | 115877429-0001 |
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| CHECK       |            |  |                |
| REVIEW      |            |  |                |



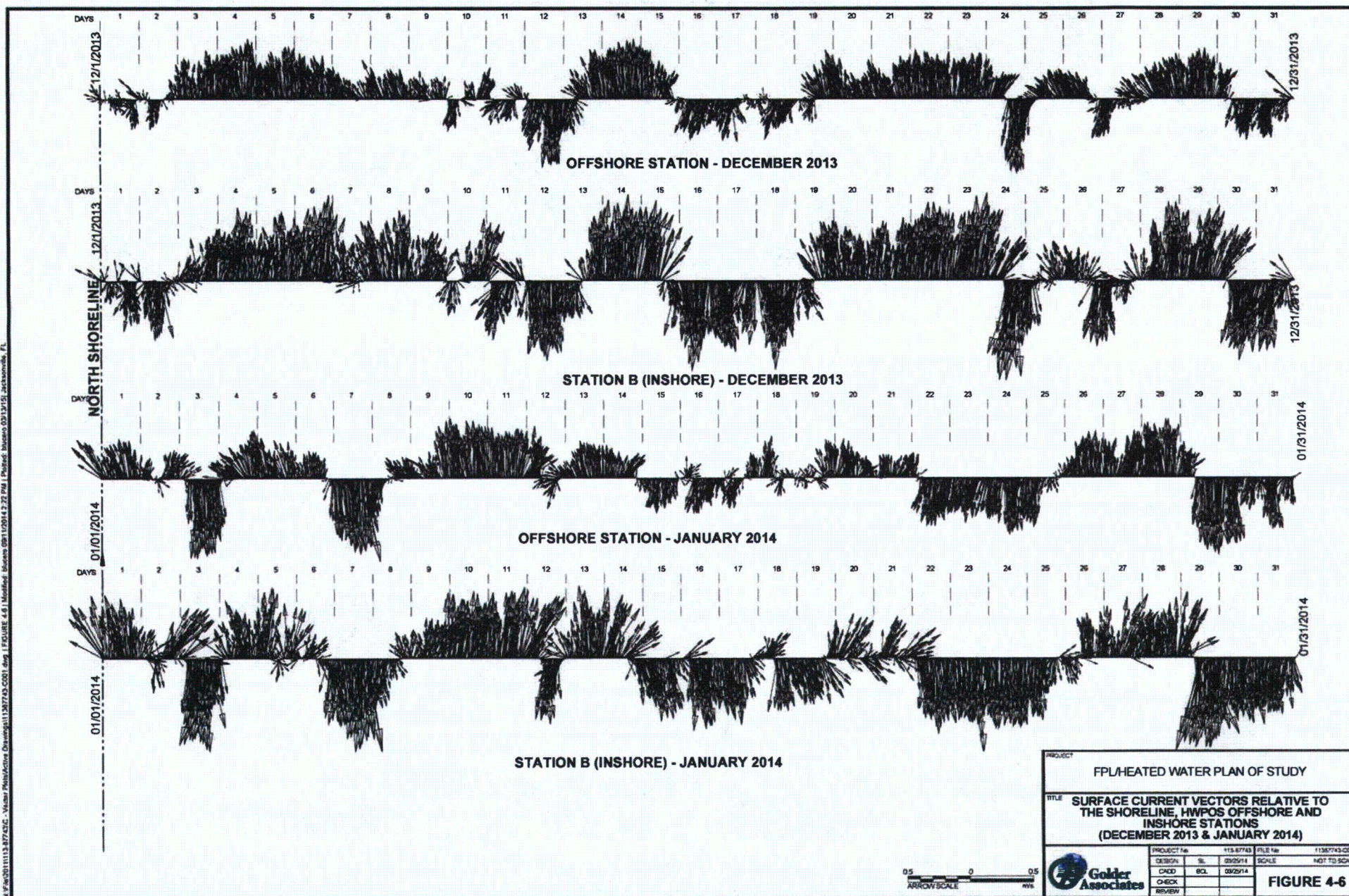
FIGURE 4-4







N:\FWS\2011\1113-2073-2C - Visual PhotoActive Drawings\1113073-2C-001.dwg | FIGURE 4-6 | Modified: 09/11/2014 2:22 PM | Plotted: 09/11/2014 2:22 PM | Jacksonville, FL

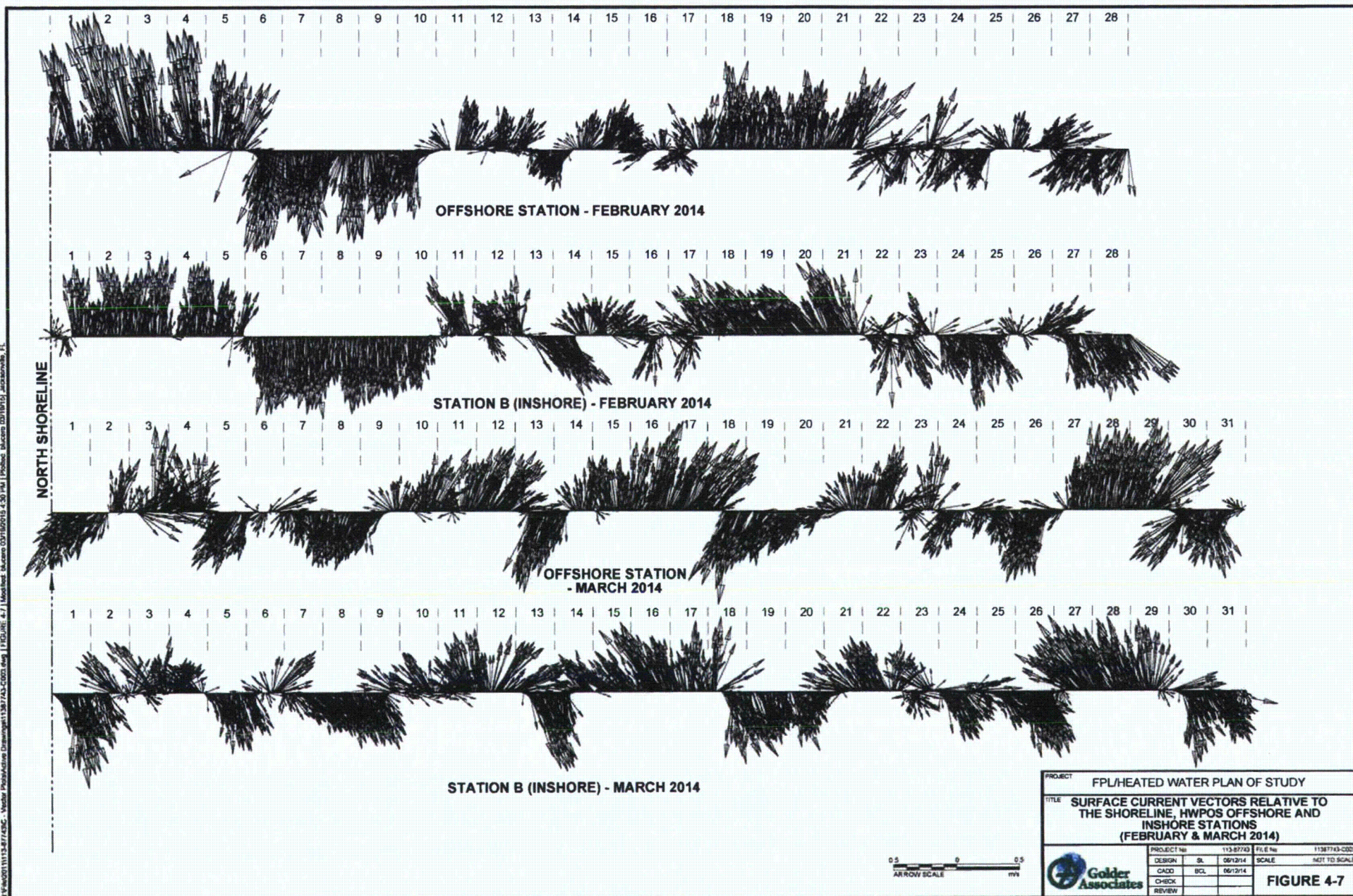


|   |             |          |              |
|---|-------------|----------|--------------|
| PROJECT   |             |          |              |
| FPL/HEATED WATER PLAN OF STUDY  |             |          |              |
| TITLE   |             |          |              |
| SURFACE CURRENT VECTORS RELATIVE TO THE SHORELINE, HWPOS OFFSHORE AND INSHORE STATIONS (DECEMBER 2013 & JANUARY 2014) |             |          |              |
| PROJECT No.   | 1113-073    | FILE No. | 1113073-001  |
| DESIGN  | By: 09/2014 | SCALE    | NOT TO SCALE |
| CHECK   | By: 09/2014 |          |              |
| CHECK   |             |          |              |
| REVIEW  |             |          |              |

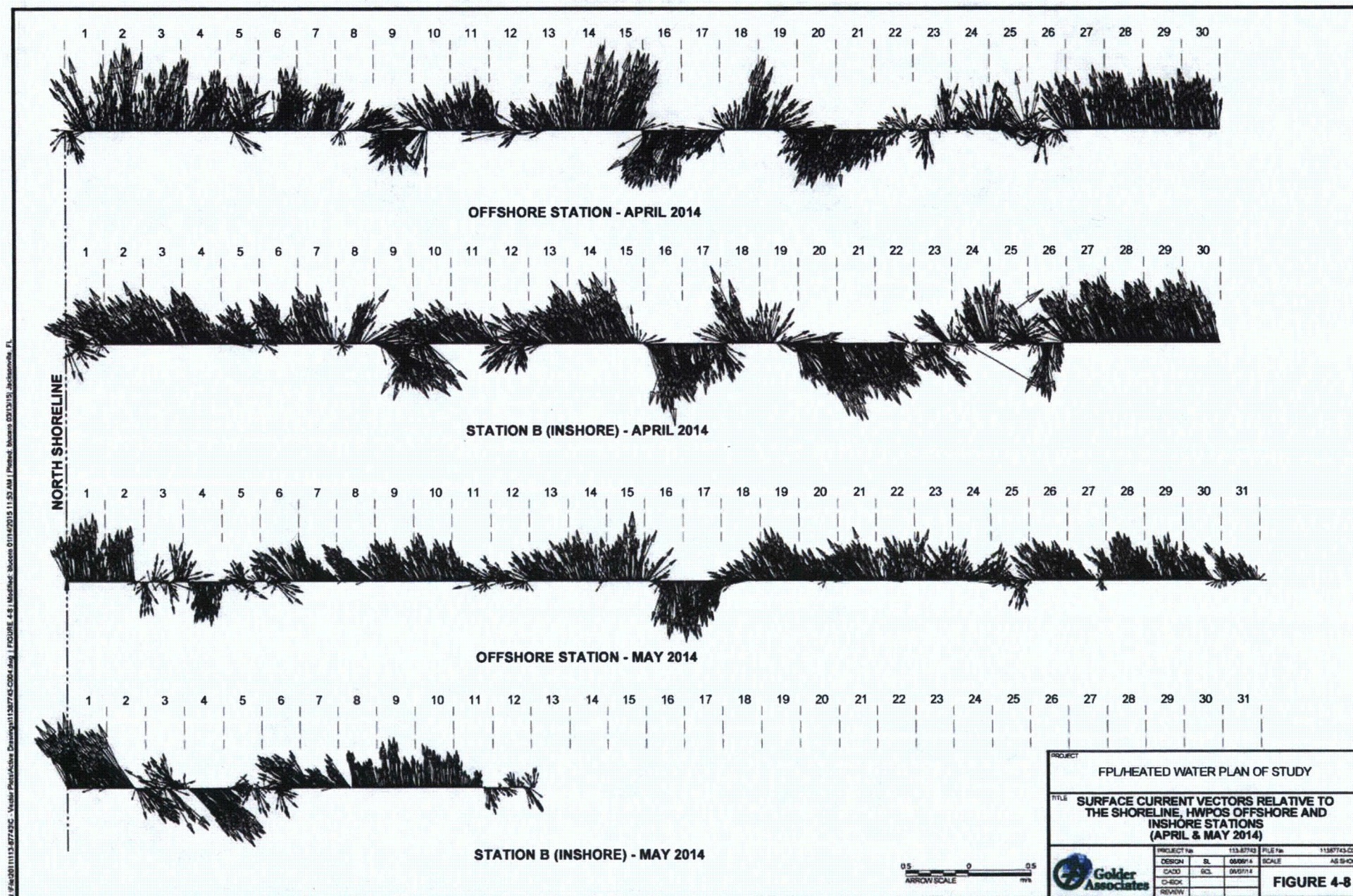
**FIGURE 4-6**




K:\04\0011113-877406 - Water Policy\Active Drawings\1307\AL-C003.dwg | FIGURE 4-7 Modified: Mucens 02/10/2015 4:30 PM | Plotter: Mucens 02/10/2015 Jacksonville, FL







|   |    |          |          |             |
|---|----|----------|----------|-------------|
| PROJECT   |    |          |          |             |
| FPL/HEATED WATER PLAN OF STUDY  |    |          |          |             |
| TITLE   |    |          |          |             |
| SURFACE CURRENT VECTORS RELATIVE TO THE SHORELINE, HWPOS OFFSHORE AND INSHORE STATIONS (APRIL & MAY 2014) |    |          |          |             |
| PROJECT No.   |    | 113-8712 | FILE No. | 1138712-004 |
| DESIGN  | SL | 06/06/14 | SCALE    | AS SHOWN    |
| CADD  | GC | 06/07/14 |          |             |
| CHECK   |    |          |          |             |
| REVIEW  |    |          |          |             |



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**FIGURE 4-8**

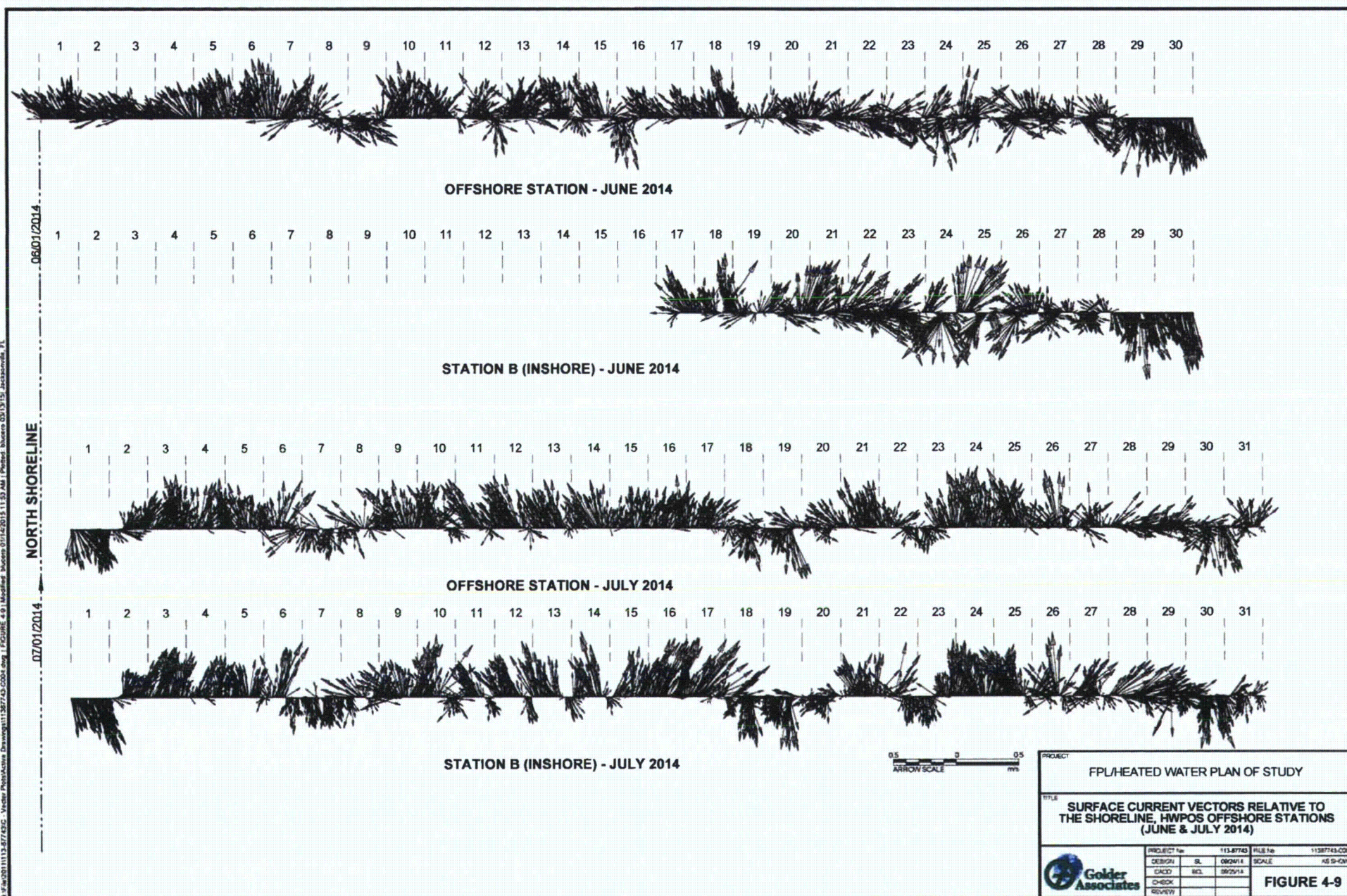


**FIGURE 4-8**

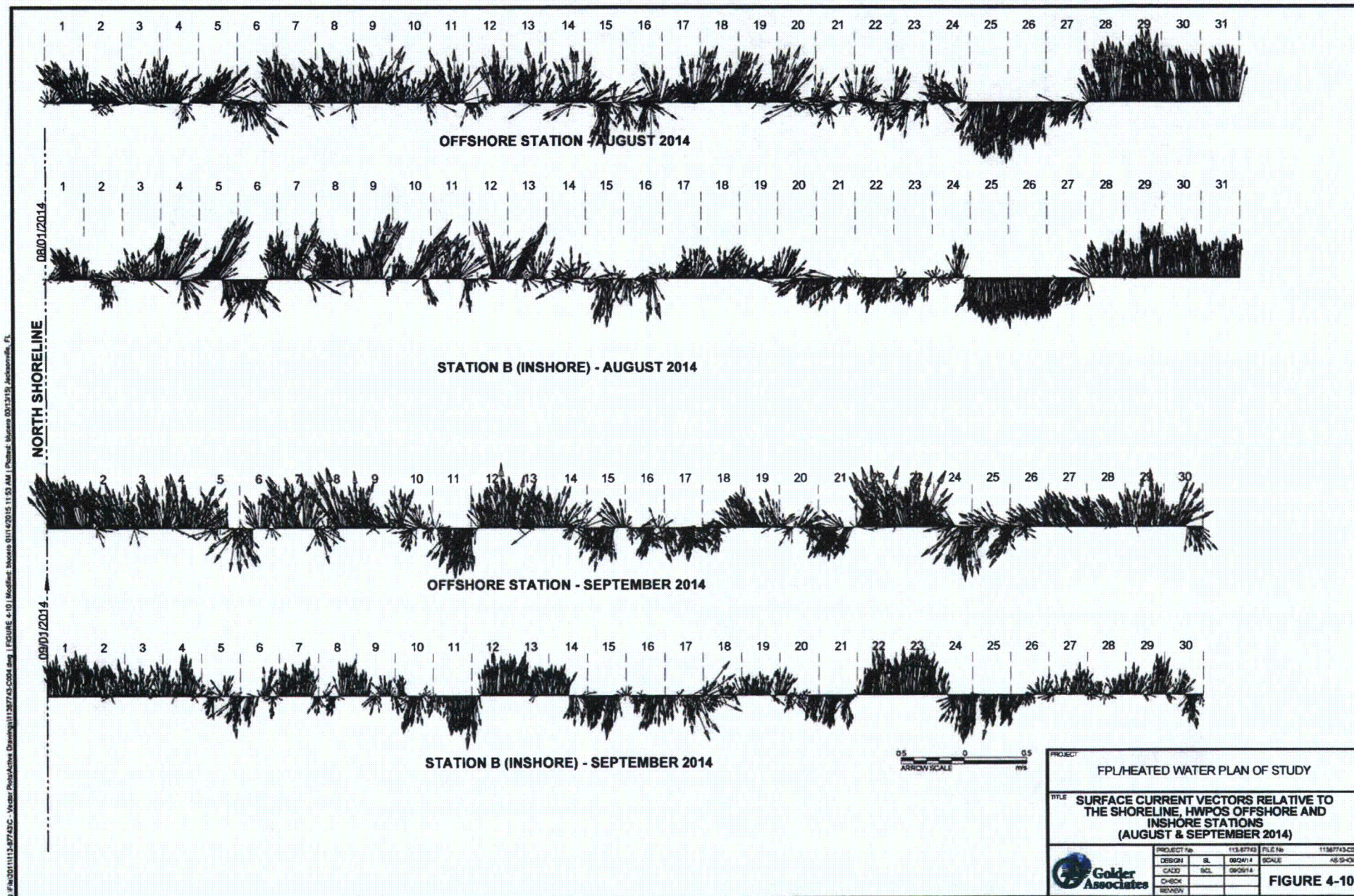
N:\FAC\2011\113-8772\3C - Vector Plot\Active Drawings\1138712-004.dwg | FIGURE 4-8 | Modified: Success 01/14/2015 11:59 AM | Plotted: Success 03/13/15 | Jacksonville, FL



N:\042011\113-8743G\_Vector Plot\Active Drawings\1138743-G-0004.dwg - FIGURE 4-9 Modified: 01/16/2015 11:53 AM (Printed: 05/29/2015 10:15:15) Jacksonville, FL

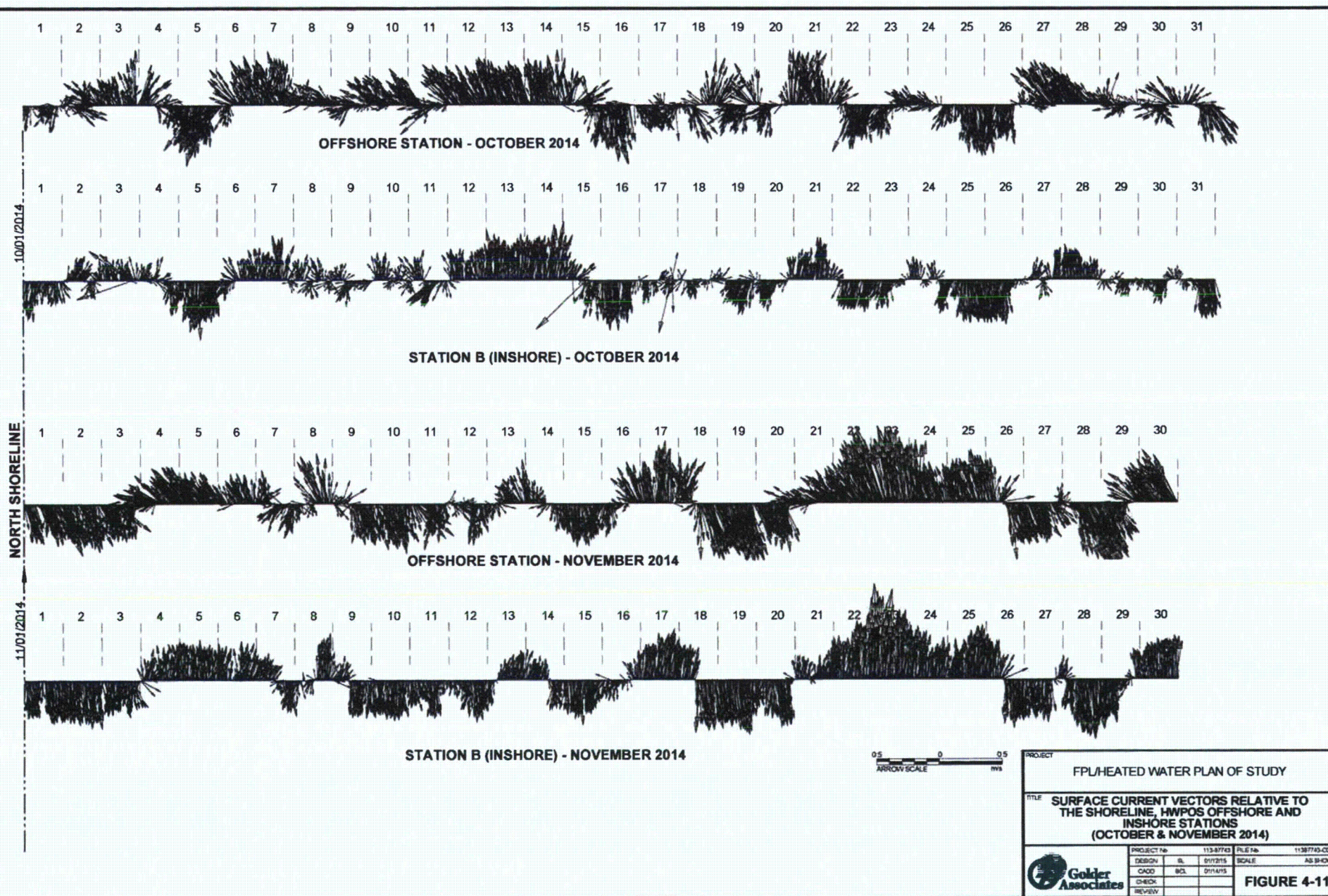




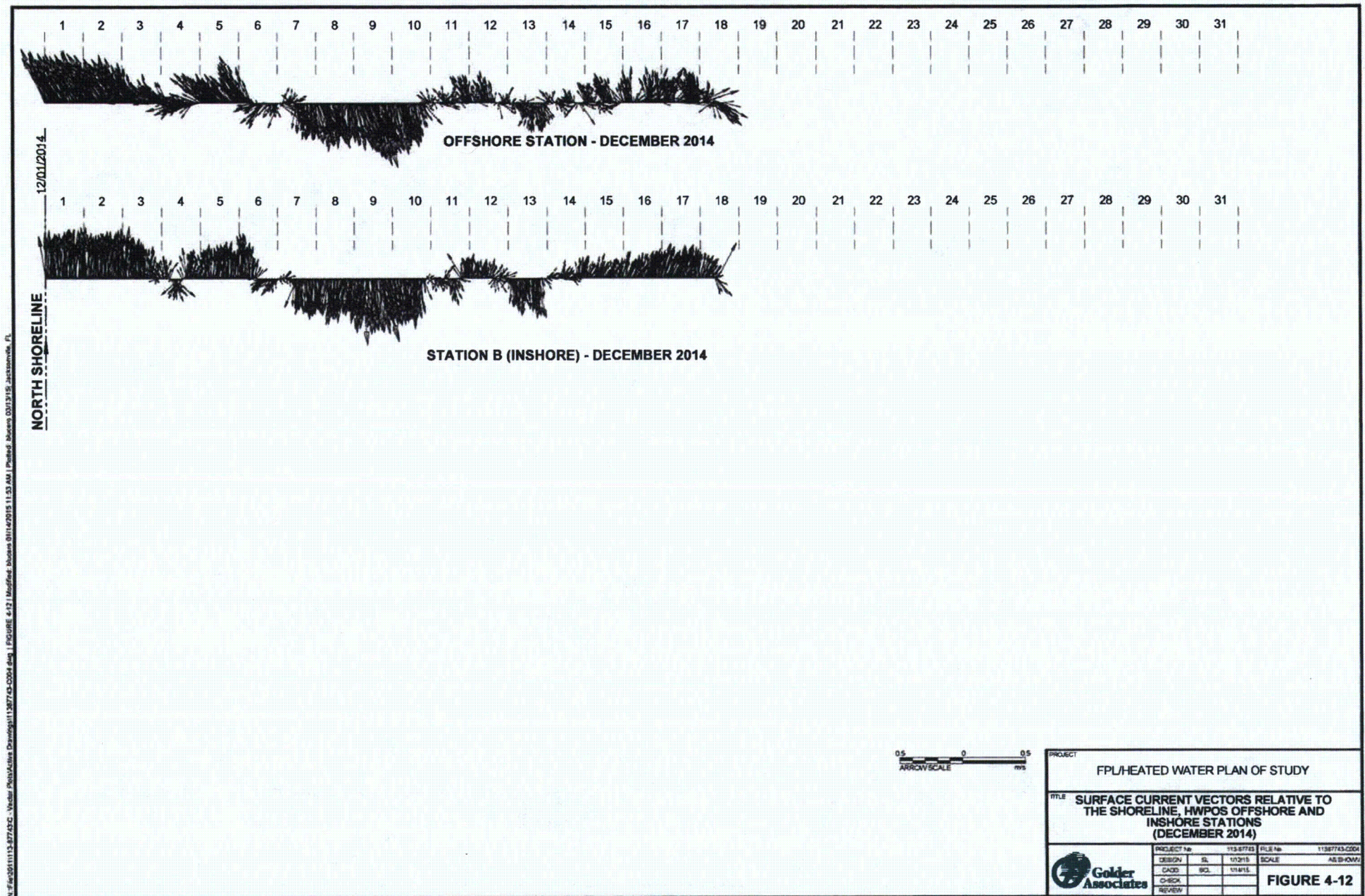




N:\Fau\2011\113-87743C - Vector Plot\Active Drawings\11387743-C004.dwg | FIGURE 4-11 | Modified: Monday, 10/14/2014 11:53 AM | Plotted: Monday, 10/14/2014 11:53 AM | Plotter: AutoCAD 2011









At Golder Associates we strive to be the most respected global group of companies specializing in ground engineering and environmental services. Employee owned since our formation in 1960, we have created a unique culture with pride in ownership, resulting in long-term organizational stability. Golder professionals take the time to build an understanding of client needs and of the specific environments in which they operate. We continue to expand our technical capabilities and have experienced steady growth with employees now operating from offices located throughout Africa, Asia, Australasia, Europe, North America and South America.

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