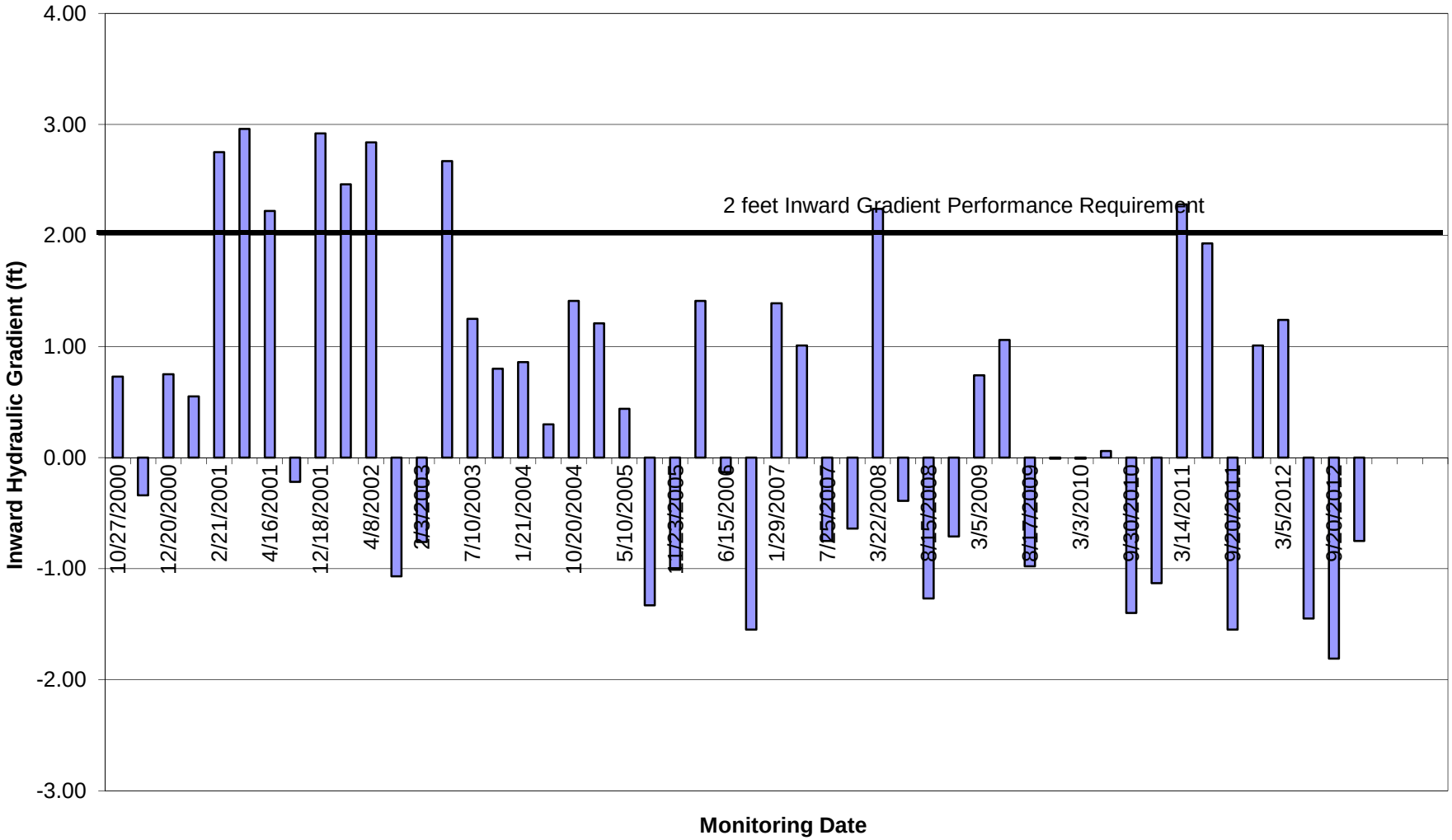
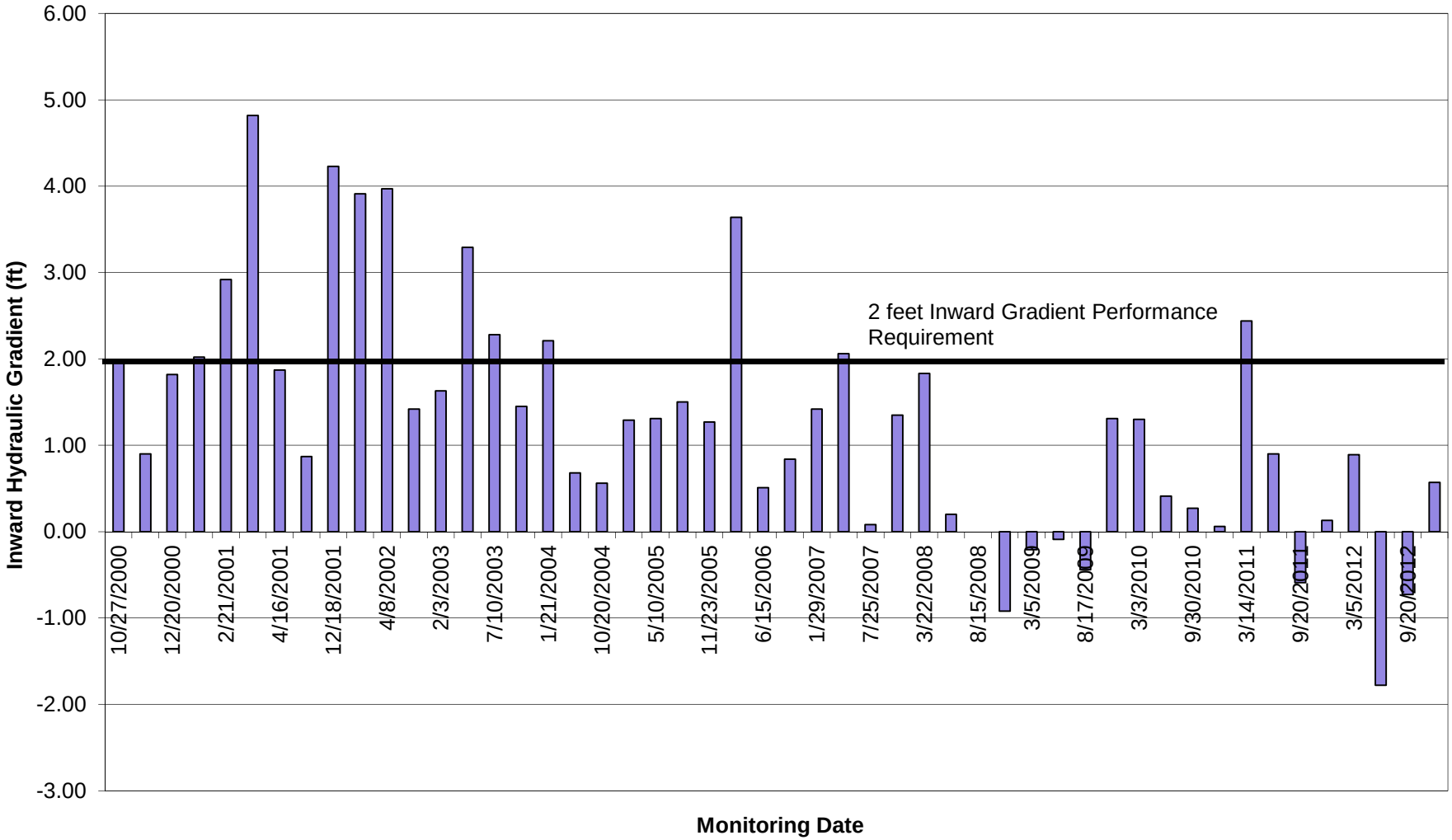
Chart 1: Slurry Wall Inward Gradient Summary at GH-52/GH-53
G&H Landfill Superfund Site, Utica, MI



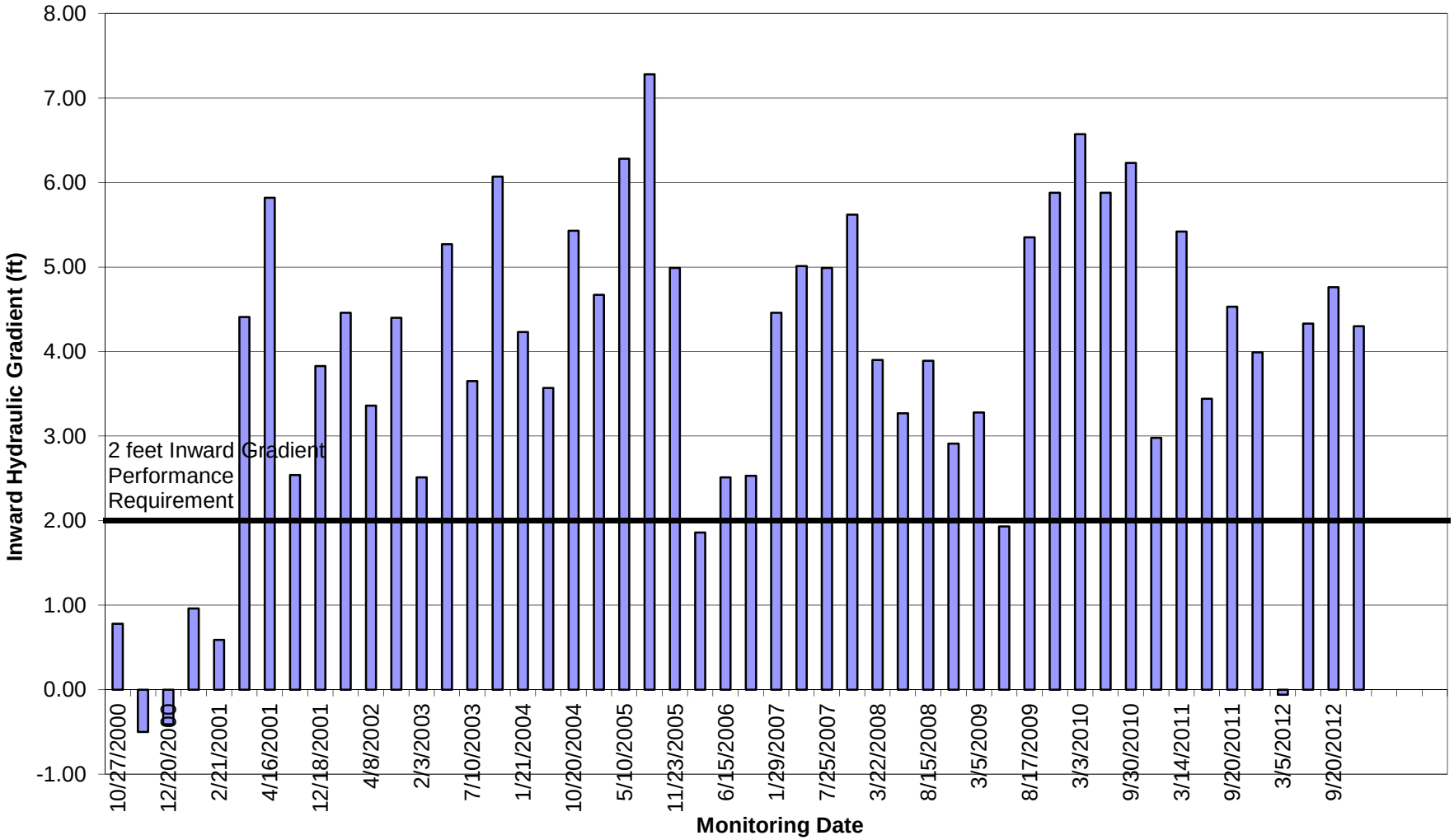
Date Printed 1/17/2014

Chart 2: Slurry Wall Inward Gradient Summary at GH-54/GH-55
G&H Landfill Superfund Site, Utica, MI



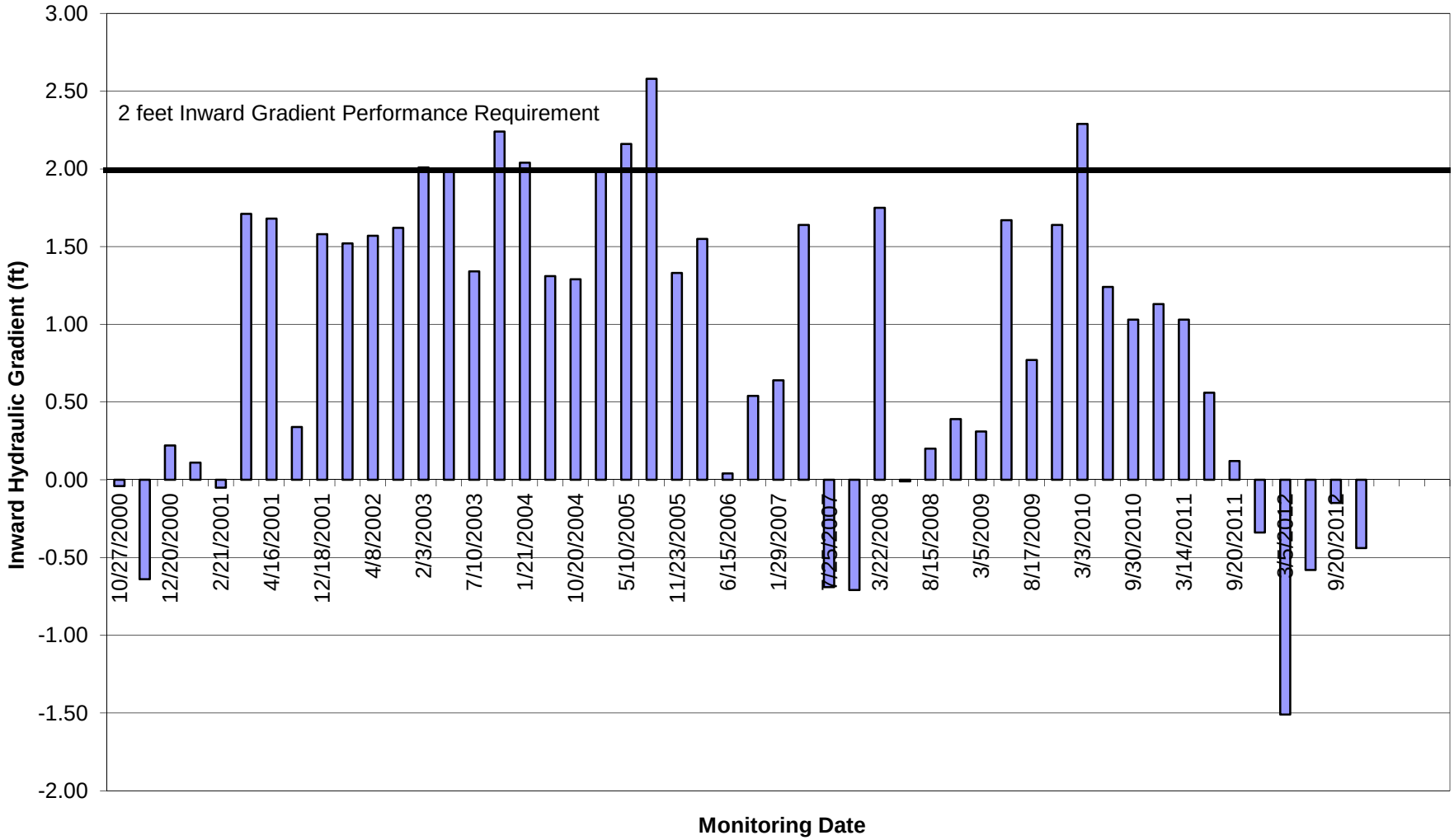
Date Printed 1/17/2014

Chart 3: Slurry Wall Inward Gradient Summary at GH-56/GH-57
G&H Landfill Superfund Site, Utica, MI



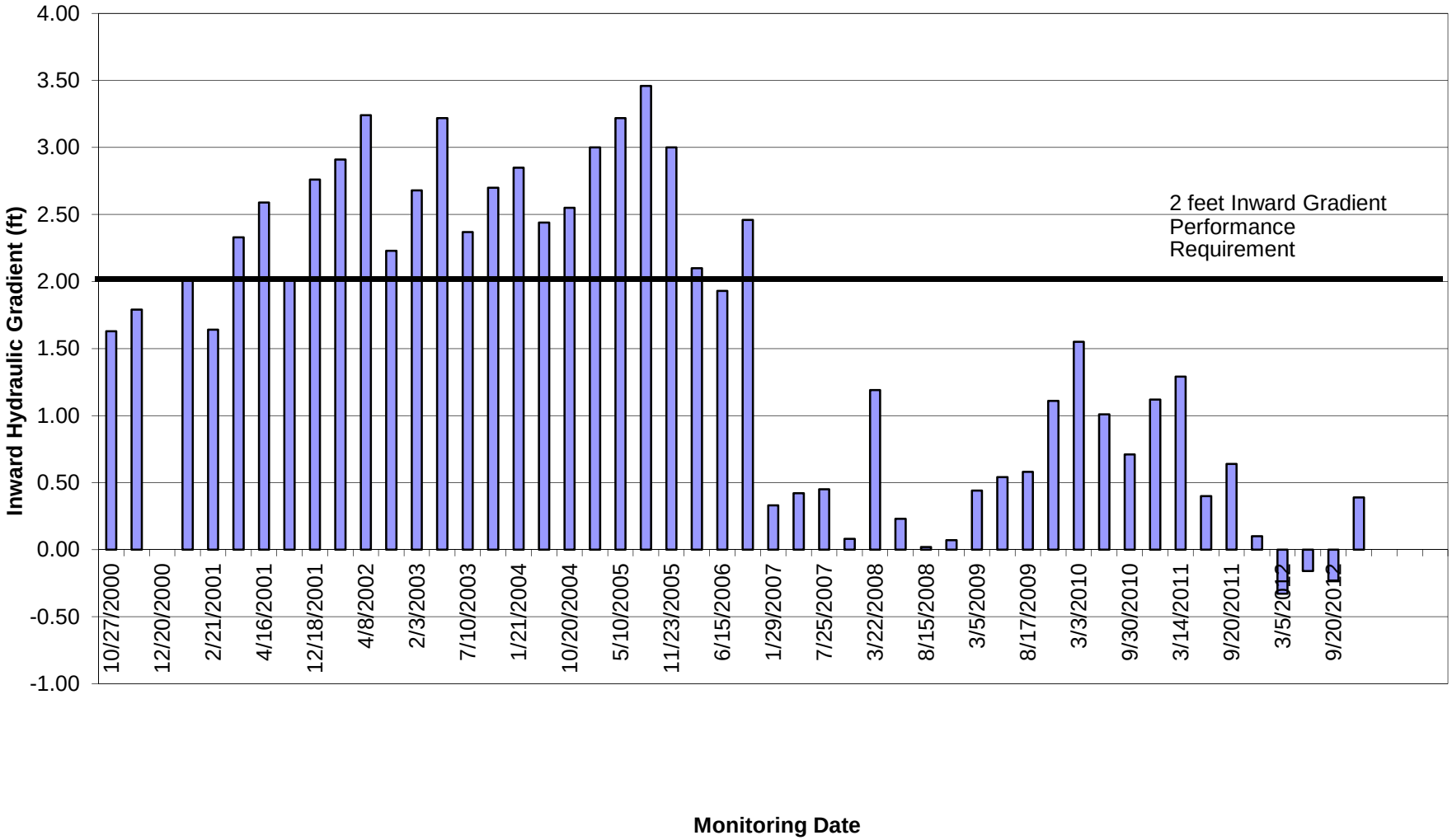
Date Printed 1/17/2014

Chart 4: Slurry Wall Inward Gradient Summary at GH-58/GH-59
G&H Landfill Superfund Site, Utica, MI



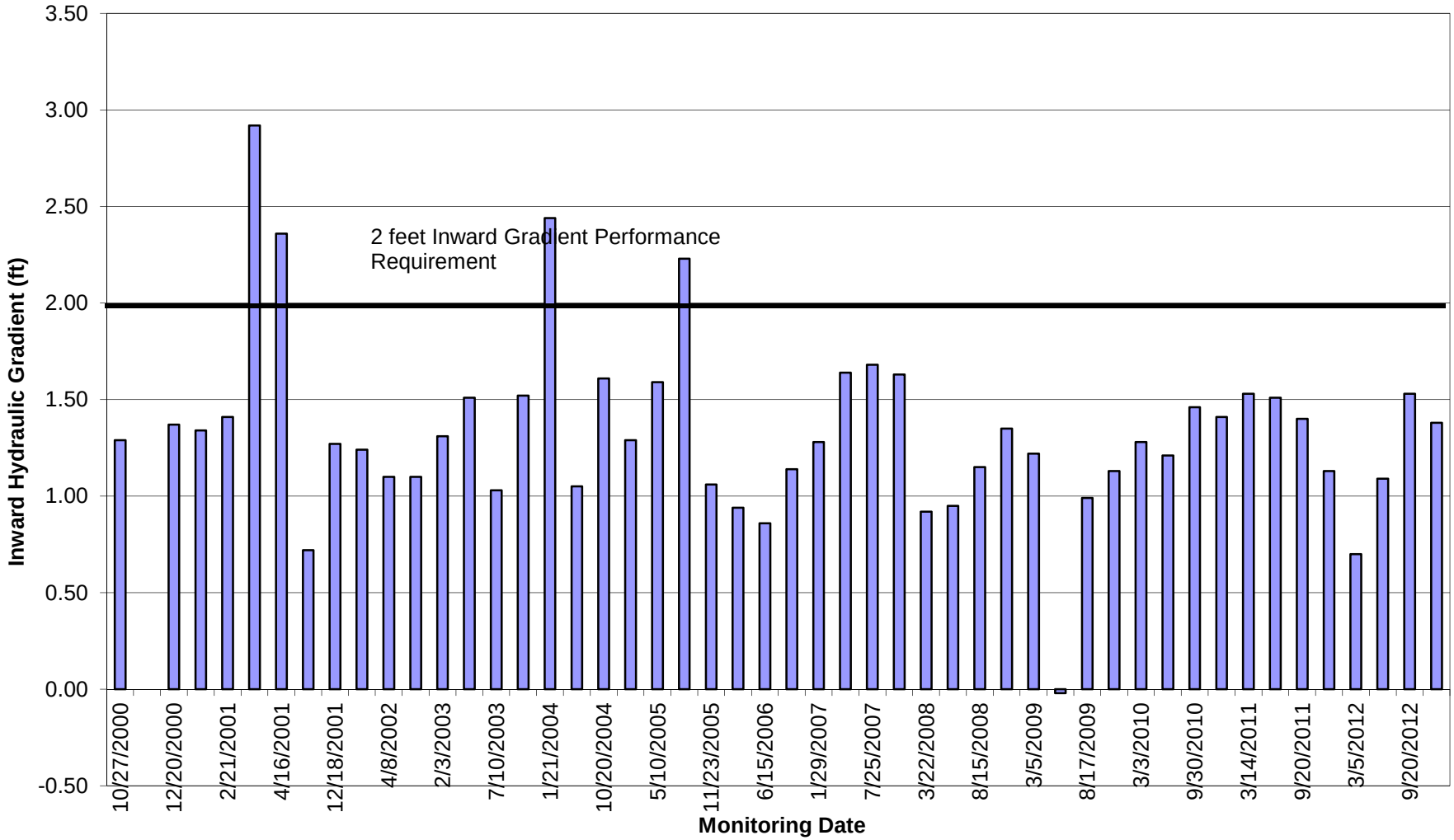
Date Printed 1/17/2014

Chart 5: Slurry Wall Inward Gradient Summary at GH-60/GH-61
G&H Landfill Superfund Site, Utica, MI



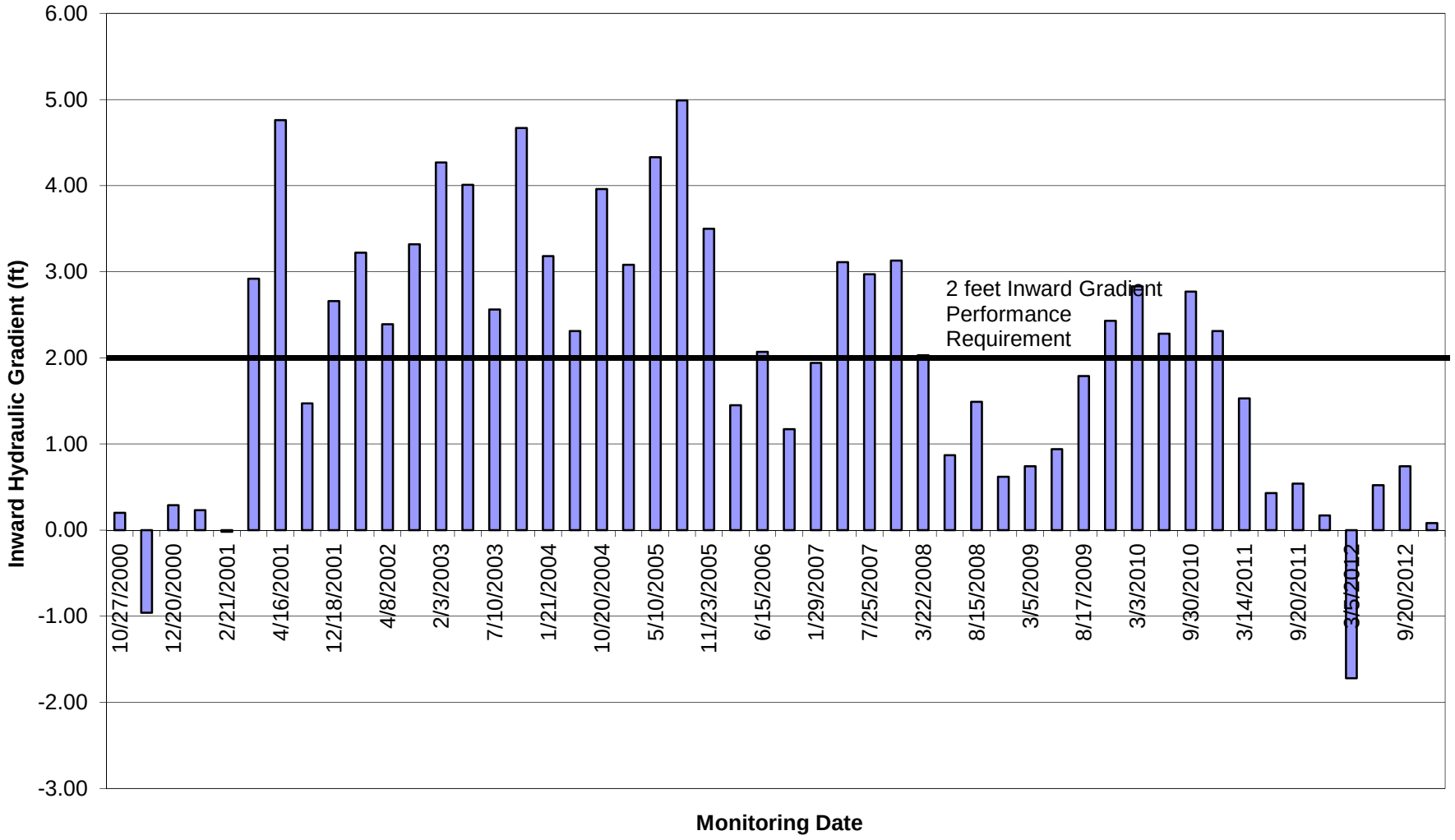
Date Printed 1/17/2014

Chart 6: Slurry Wall Inward Gradient Summary at GH-78/GH-79
G&H Landfill Superfund Site, Utica, MI



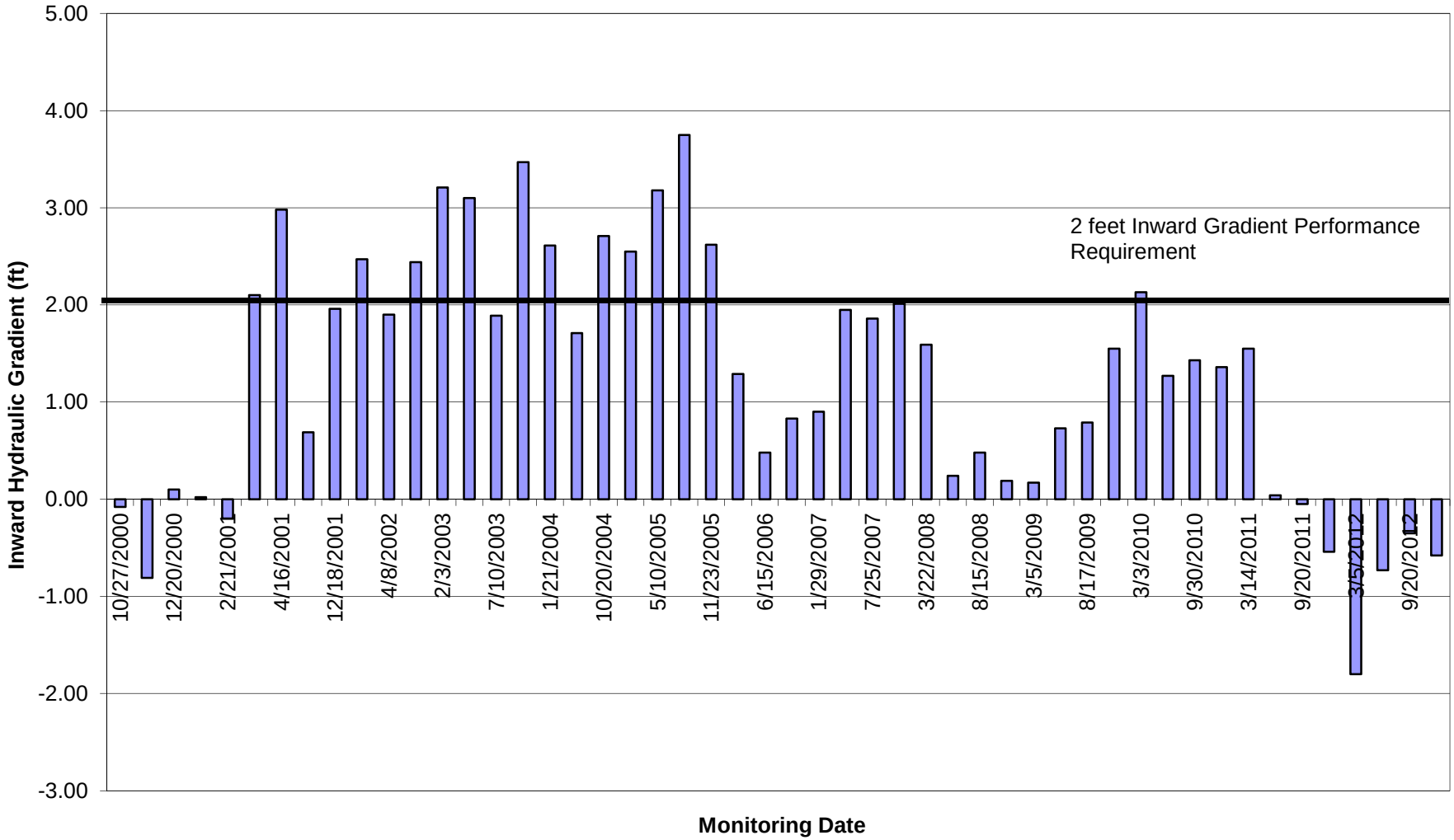
Date Printed 1/17/2014

Chart 7: Slurry Wall Inward Gradient Summary at GH-80/GH-81
G&H Landfill Superfund Site, Utica, MI



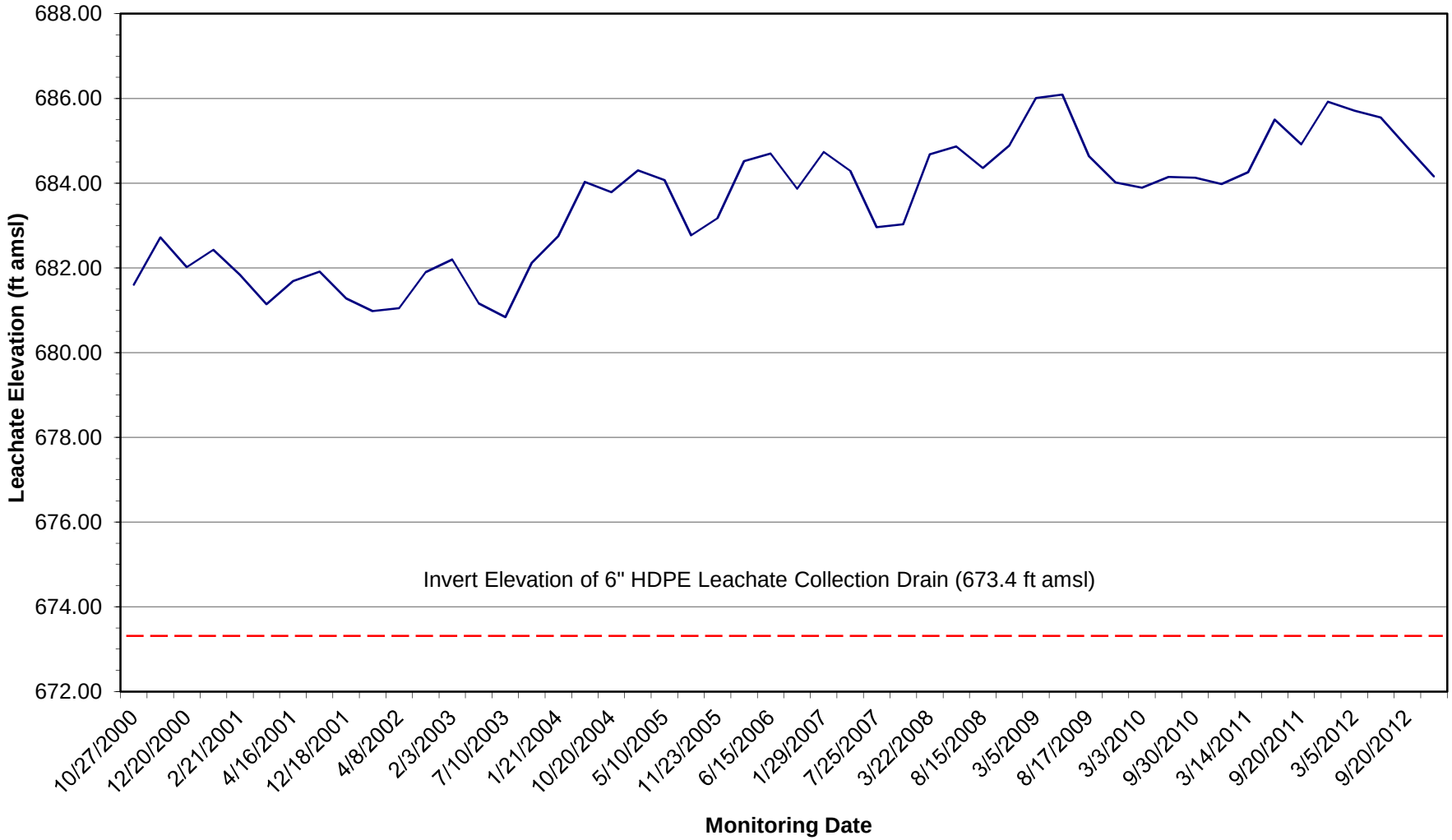
Date Printed 1/17/2014

Chart 8: Slurry Wall Inward Gradient Summary at GH-82/GH-83
G&H Landfill Superfund Site, Utica, MI



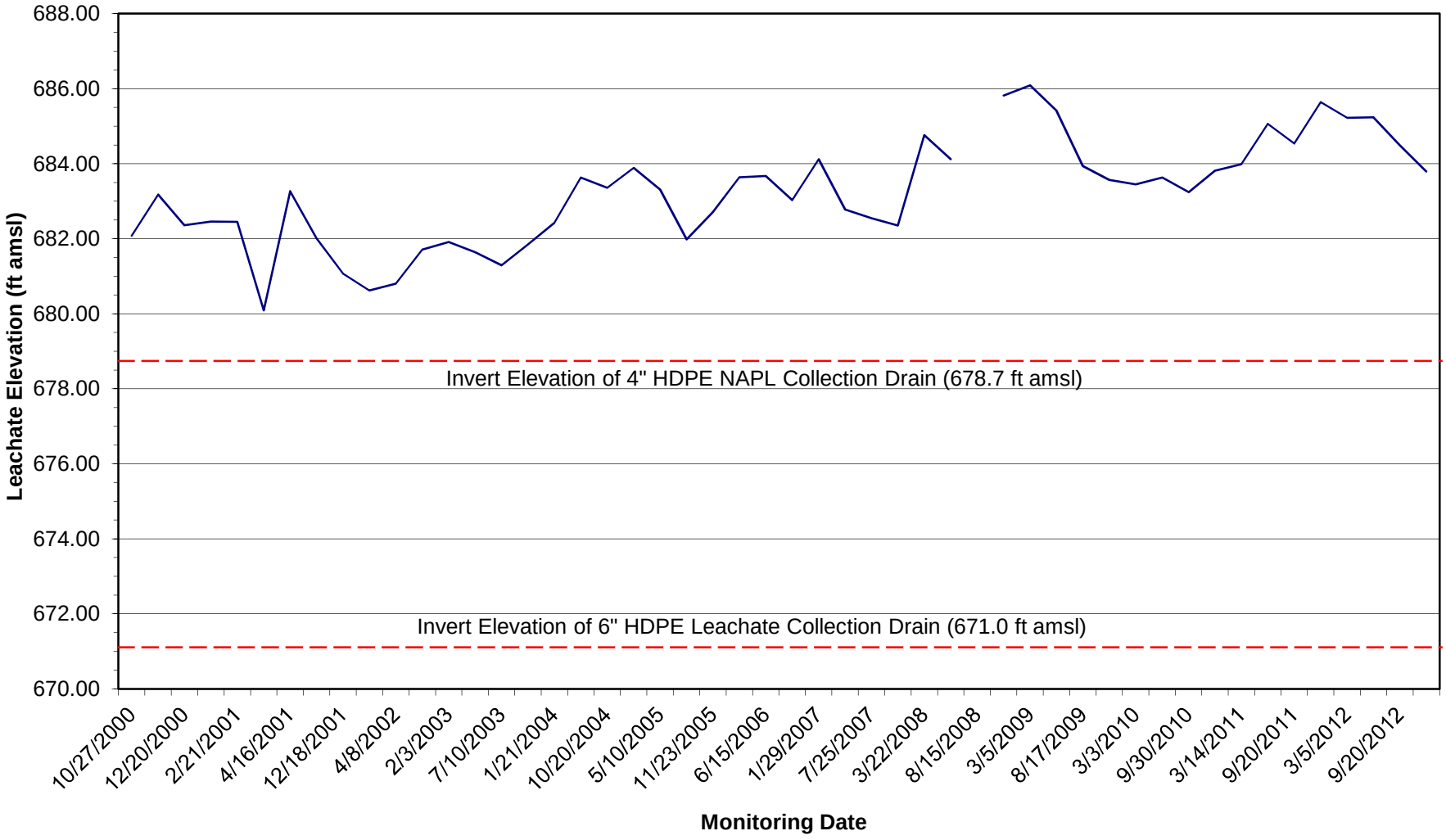
Date Printed 1/17/2014

Chart 9: G&H Landfill Superfund Site, Utica, MI
Leachate Elevation Inside Slurry Wall at GH-52



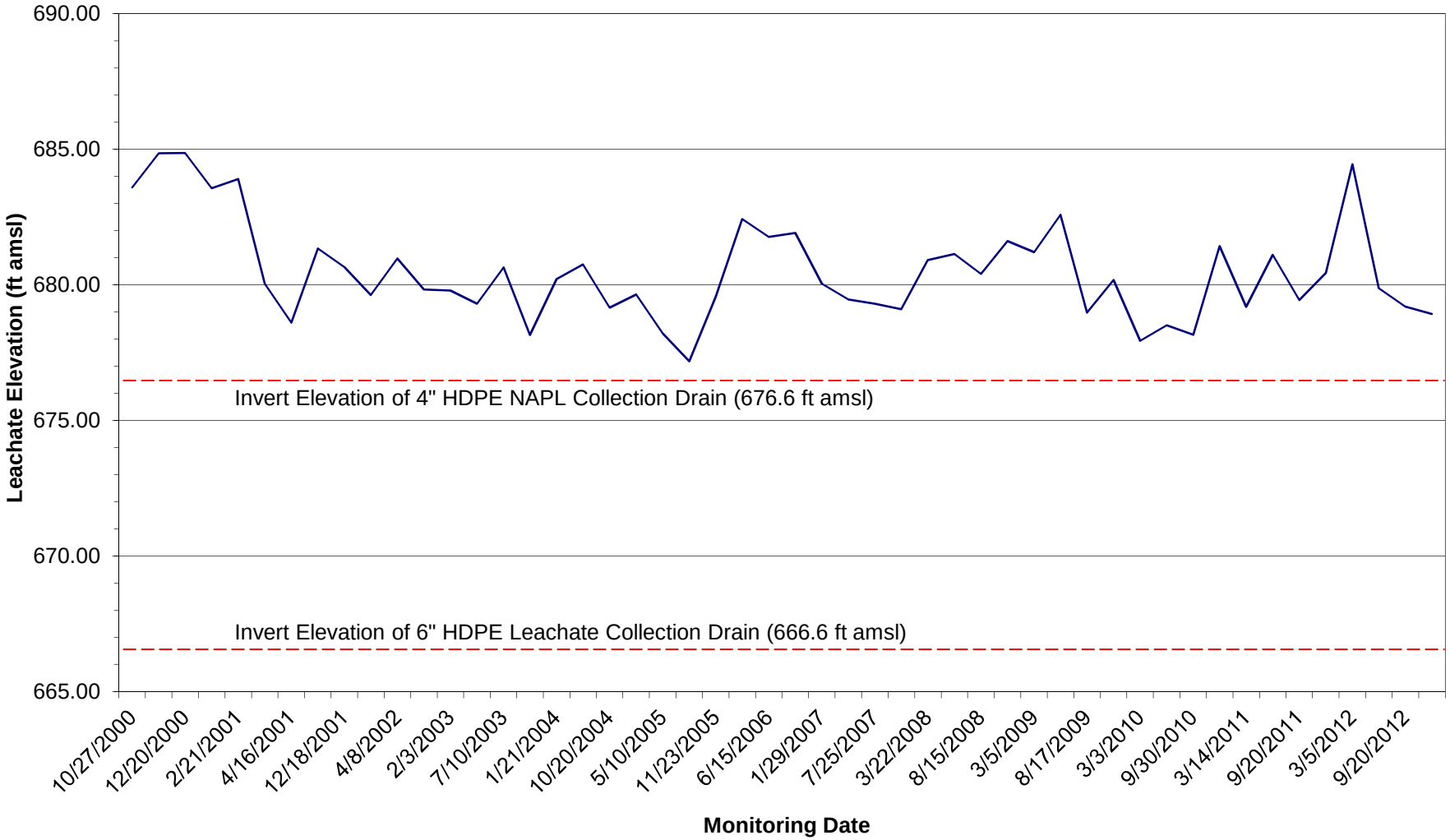
Date Printed 1/17/2014

Chart 10: G&H Landfill Superfund Site, Utica, MI
Leachate Elevation Inside Slurry Wall at GH-54



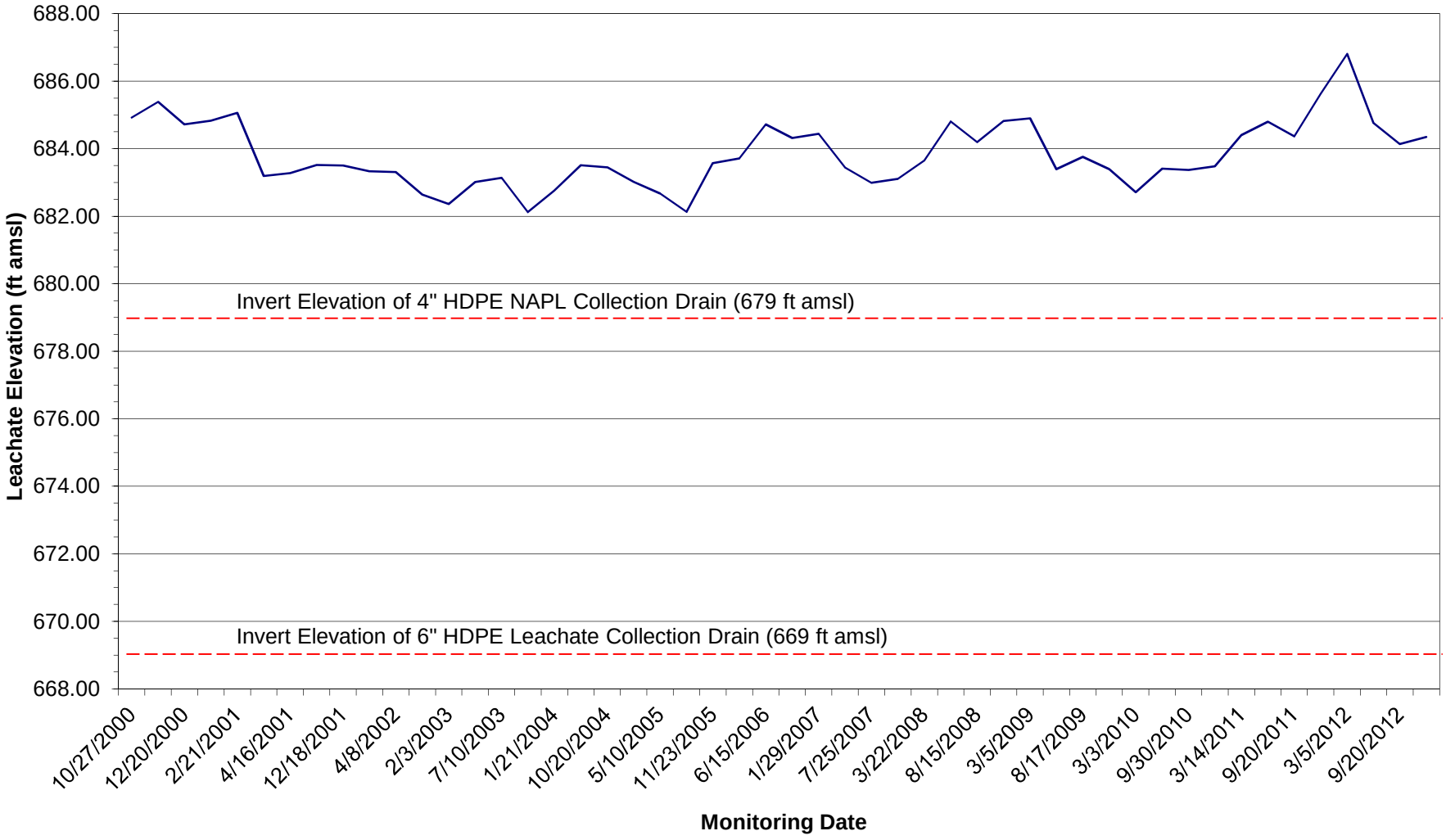
Date Printed 1/17/2014

Chart 11: G&H Landfill Superfund Site, Utica, MI
Leachate Elevation Inside Slurry Wall at GH-56



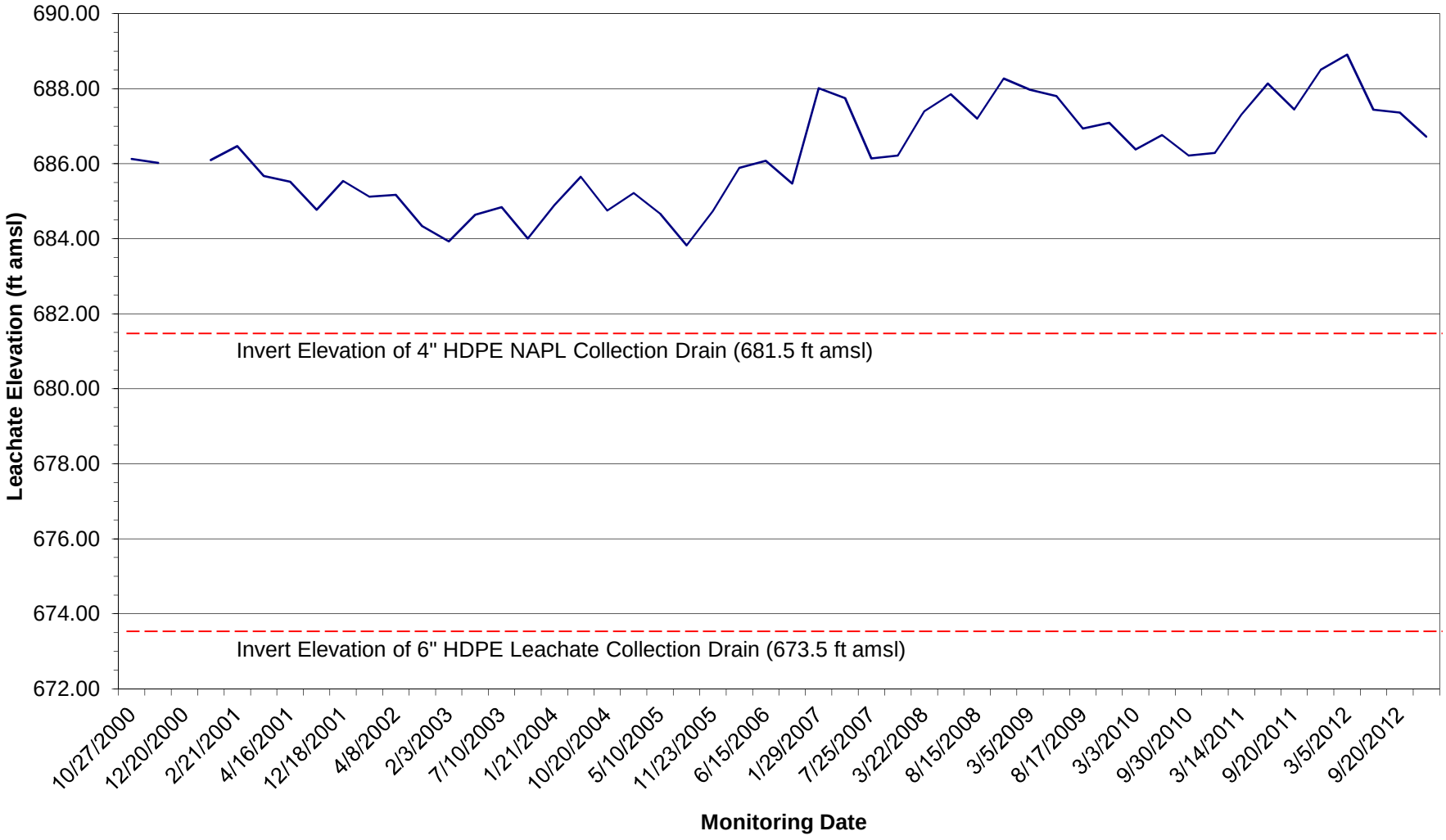
Date Printed 1/17/2014

Chart 12: G&H Landfill Superfund Site, Utica, MI
Leachate Elevation Inside Slurry Wall at GH-58



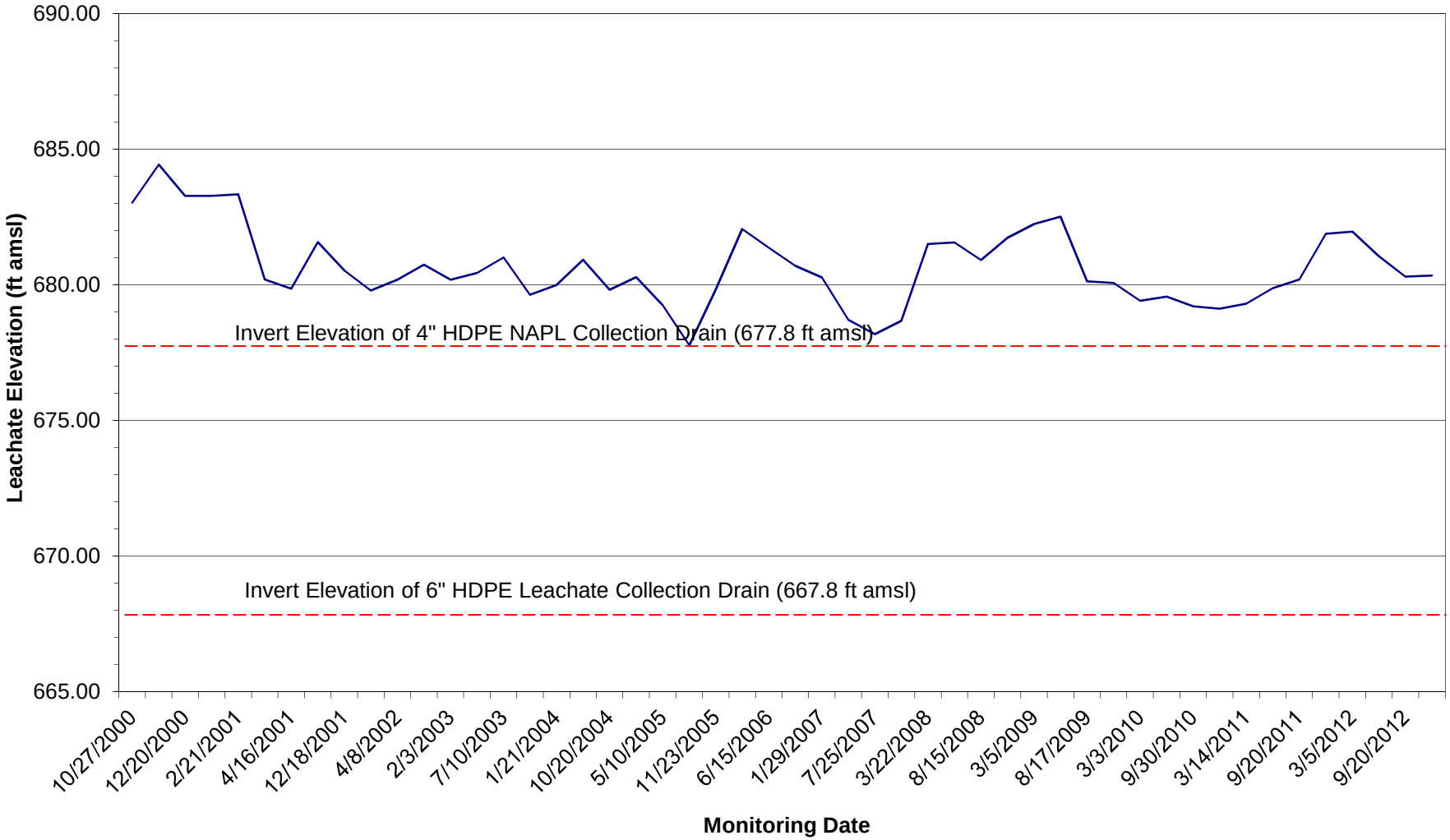
Date Printed 1/17/2014

Chart 13: G&H Landfill Superfund Site, Utica, MI
Leachate Elevation Inside Slurry Wall at GH-60



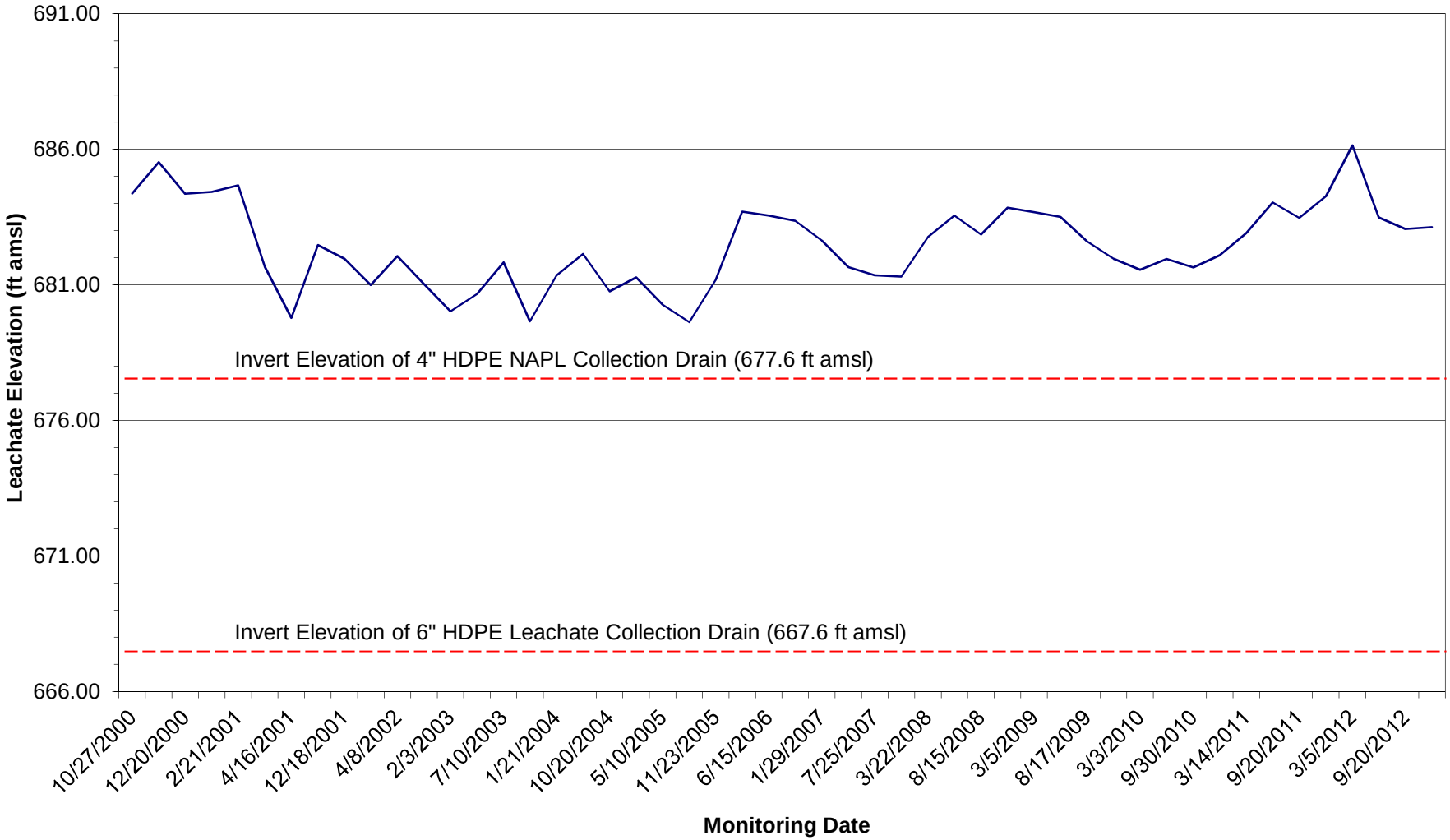
Date Printed 1/17/2014

Chart 14: G&H Landfill Superfund Site, Utica, MI
Leachate Elevation Inside Slurry Wall at GH-78



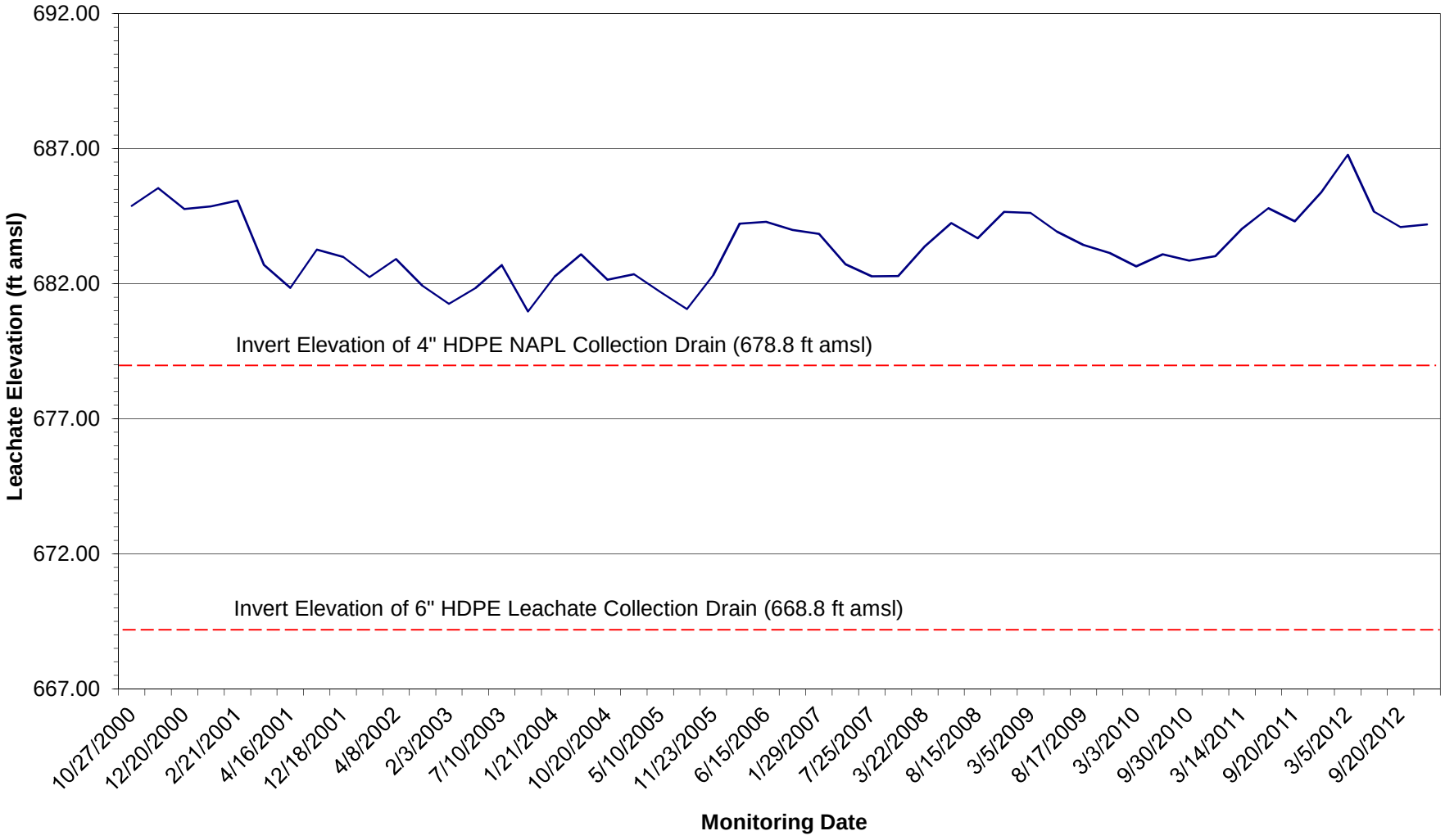
Date Printed 1/17/2014

Chart 15: G&H Landfill Superfund Site, Utica, MI
Leachate Elevation Inside Slurry Wall at GH-80



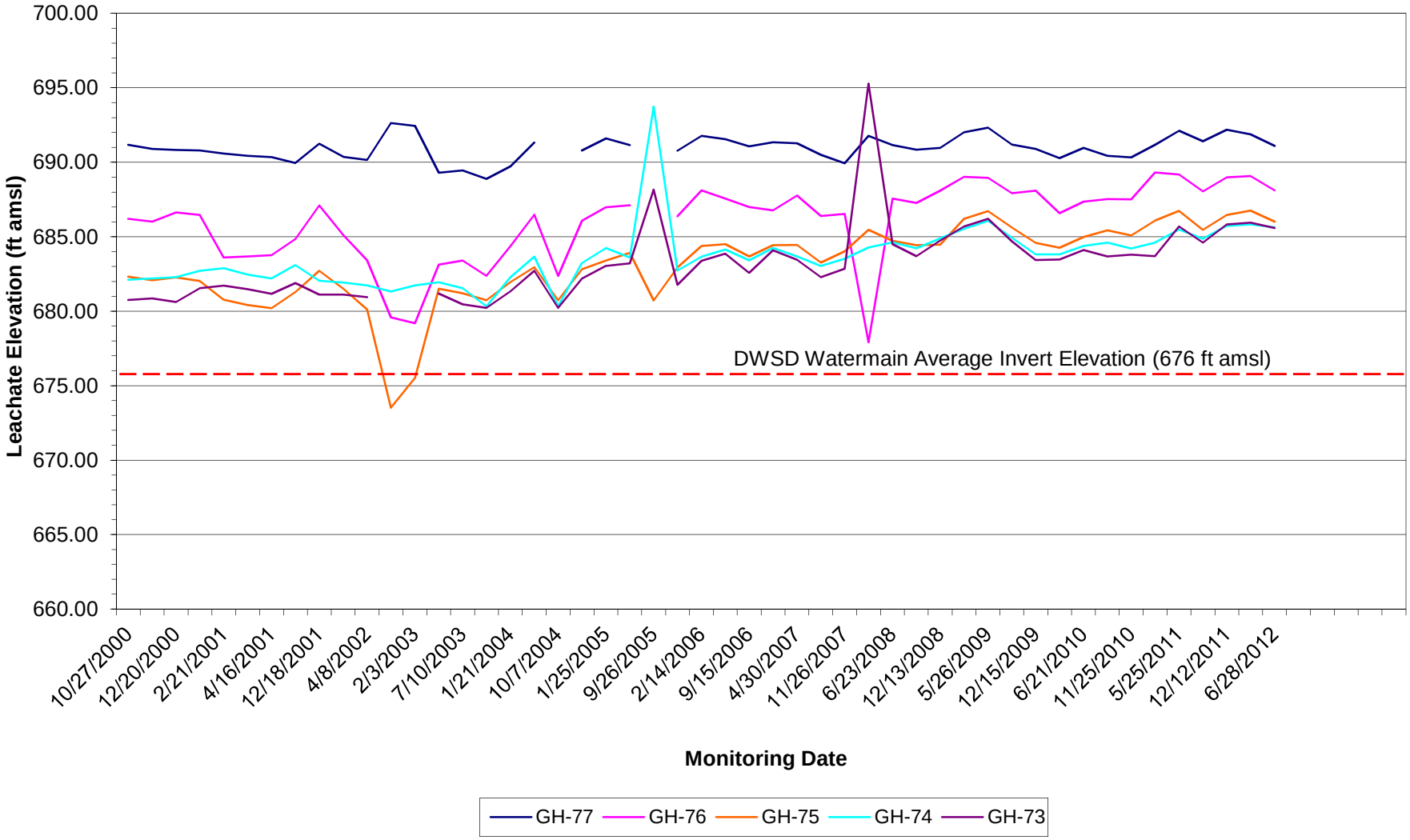
Date Printed 1/17/2014

Chart 16: G&H Landfill Superfund Site, Utica, MI
Leachate Elevation Inside Slurry Wall at GH-82



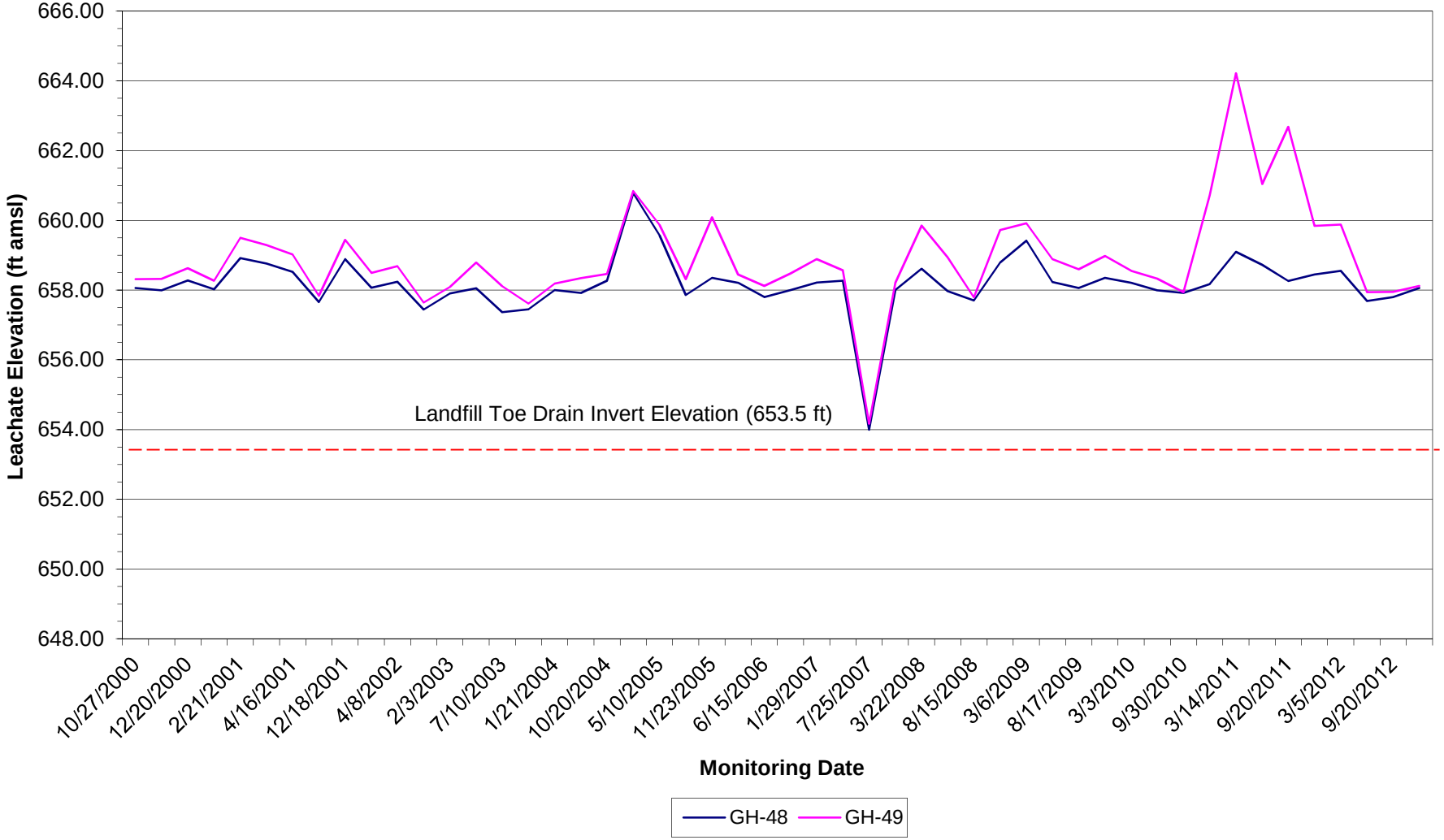
Date Printed 1/17/2014

Chart 17: Groundwater Elevations at DWSD Watermain
G&H Landfill Superfund Site, Utica, MI



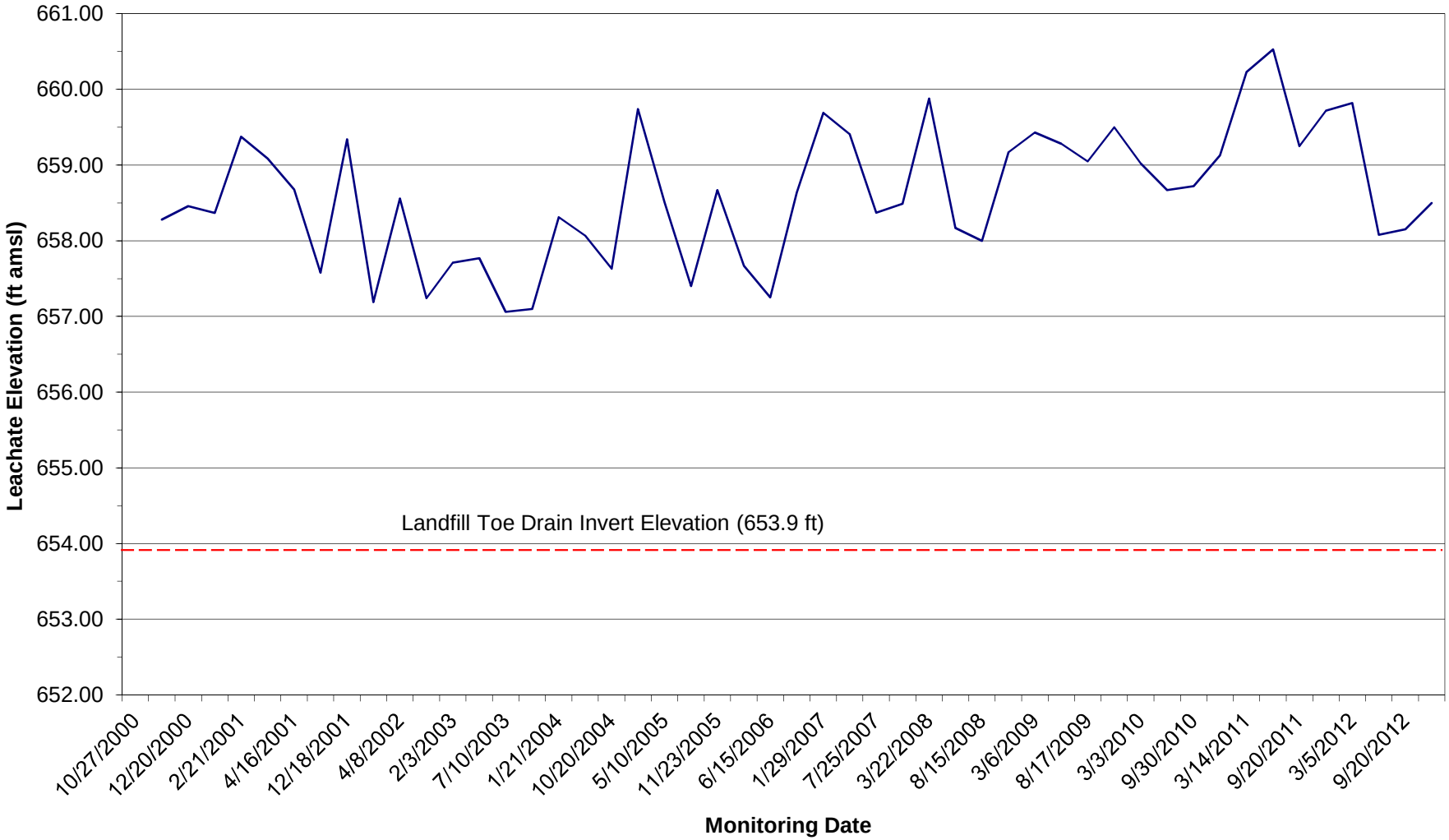
Date Printed 1/17/2014

Chart 18: G&H Landfill Superfund Site, Utica, MI
Leachate Elevation Phase III Toe Drain at GH-48 and GH-49



Date Printed 1/17/2014

Chart 19: G&H Landfill Superfund Site, Utica, MI
Leachate Elevation Phase III Toe Drain at GW-10



Date Printed 1/17/2014

G&H Landfill Leachate Collection System

Monthly Average Flow Rate 2000 - 2012		
120 gpm or greater	3	2%
110 - 119 gpm	13	9%
100 - 109 gpm	33	22%
90 -99 gpm	41	27%
80 - 89 gpm	37	25%
70 - 79 gpm	16	11%
60 - 69 gpm	4	3%
50 - 59 gpm	3	2%
total data points	150	100%

G&H Landfill DWSD Collection System

Monthly Average Flow Rate 2000 - 2012		
20 gpm or greater	1	1%
15 - 19 gpm	20	13%
10 - 14 gpm	46	31%
5 -9 gpm	73	49%
0 - 4 gpm	10	7%
total data points	150	100%

G&H Landfill Phase III Collection System

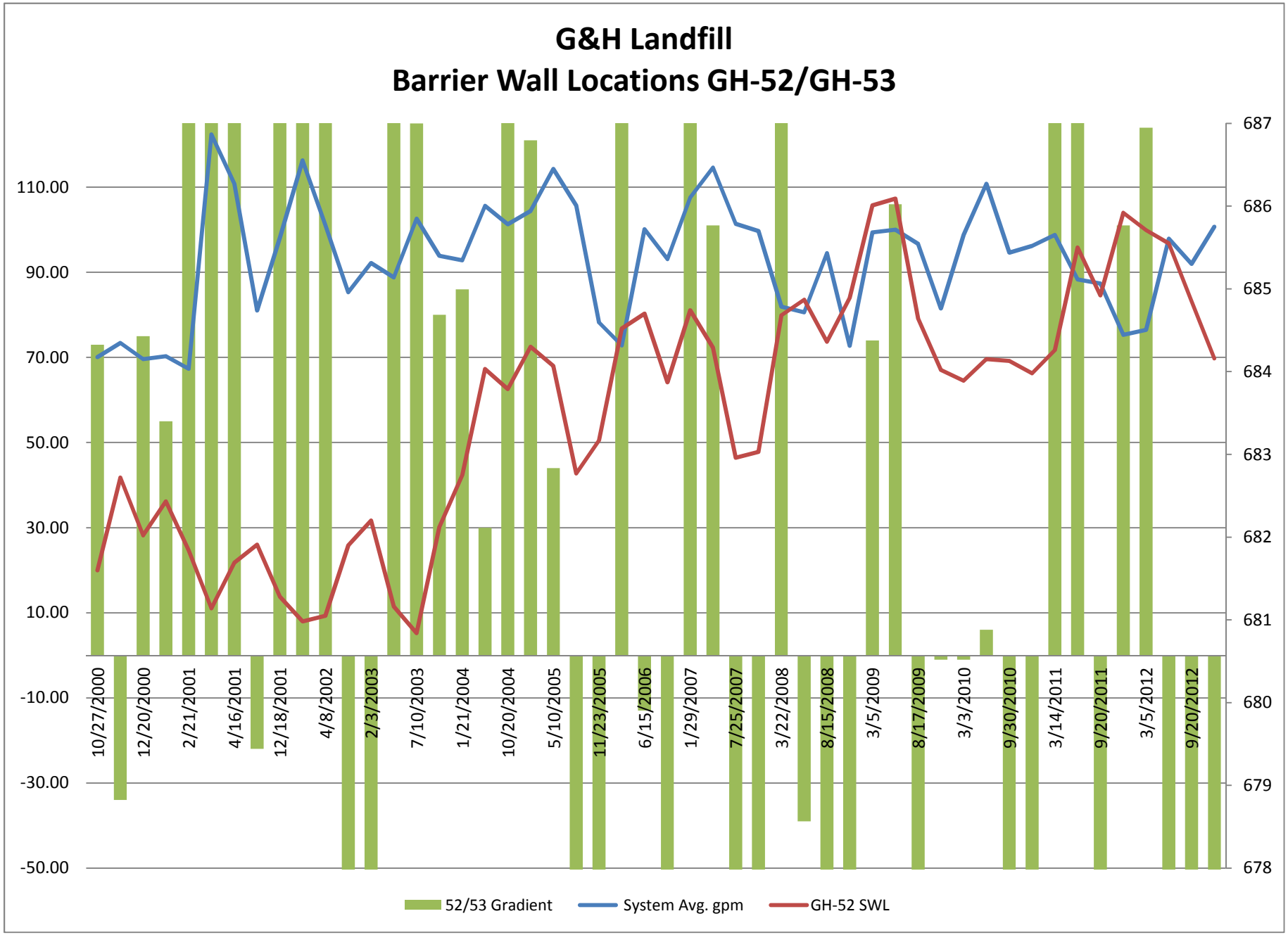
Monthly Average Flow Rate 2000 - 2012		
20 gpm or greater	23	15%
15 - 19 gpm	48	32%
10 - 14 gpm	55	37%
5 -9 gpm	19	13%
0 - 4 gpm	5	3%
total data points	150	100%

G&H Landfill Groundwater Collection System

Monthly Average Flow Rate 2000 - 2012		
70 gpm or greater	5	3%
60 - 69 gpm	55	37%
50 - 59 gpm	52	35%
40 -49 gpm	14	9%
30 - 39 gpm	5	3%
20 - 29 gpm	4	3%
10 - 19 gpm	6	4%
0 - 9 gpm	9	6%
total data points	150	100%

G&H Landfill Leachate Collection System

Monthly Average Flow Rate 2000 - 2012		
10 gpm or greater	1	1%
5 - 9 gpm	0	0%
4 - 4.9 gpm	2	2%
3 -3.9 gpm	10	8%
2 - 2.9 gpm	44	34%
1 - 1.9 gpm	44	34%
0 - 0.9 gpm	30	23%
total data points	131	100%


G&H Landfill
Barrier Wall Locations GH-52/GH-53
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50.00
30.00
10.00
-10.00
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-50.00
687
686
685
684
683
682
681
680
679
678
10/27/2000
12/20/2000
2/21/2001
4/16/2001
12/18/2001
4/8/2002
2/3/2003
7/10/2003
1/21/2004
10/20/2004
5/10/2005
11/23/2005
6/15/2006
1/29/2007
7/25/2007
3/22/2008
8/15/2008
3/5/2009
8/17/2009
3/3/2010
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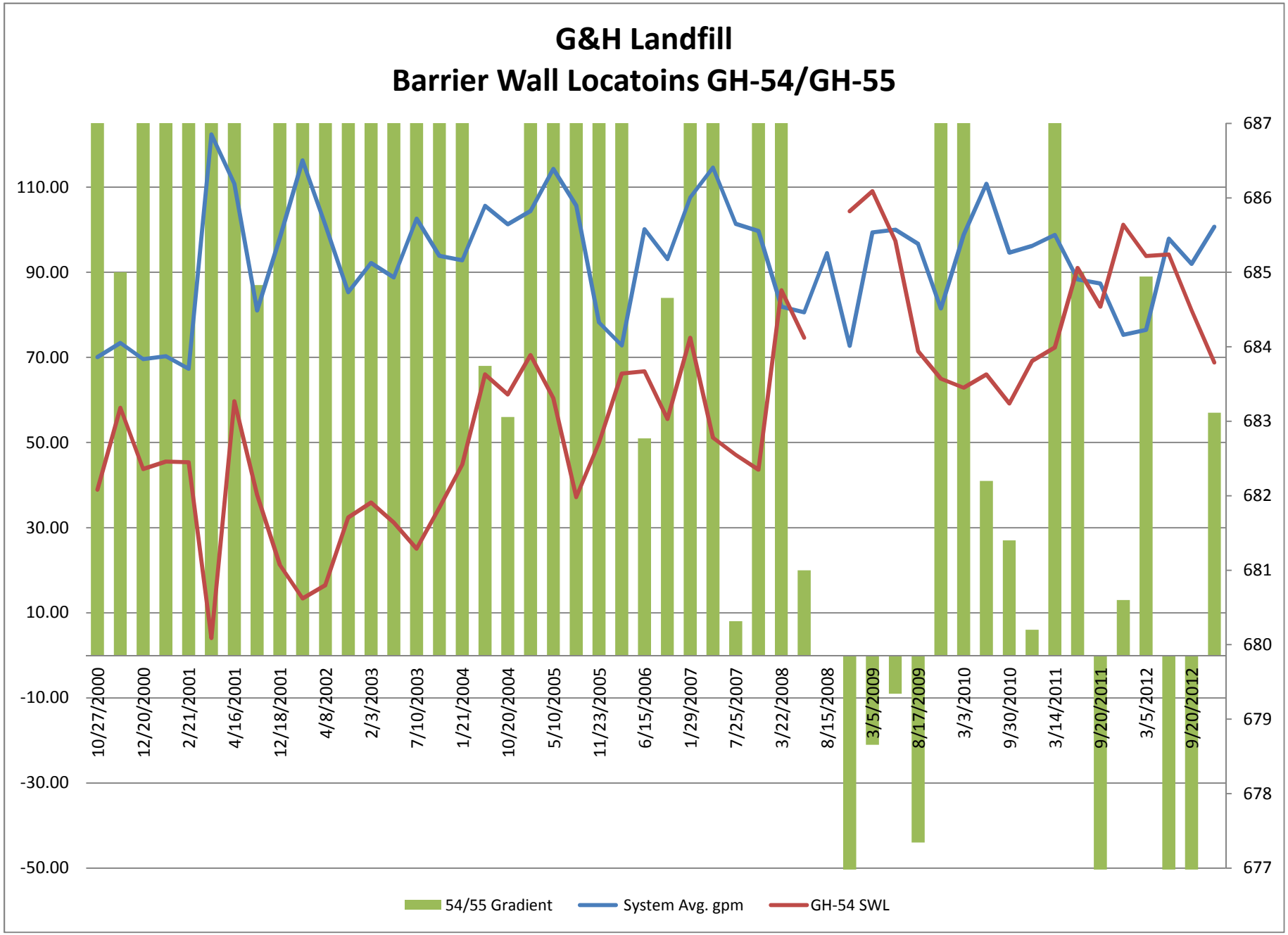
9/20/2011
3/5/2012
9/20/2012
52/53 Gradient
System Avg. gpm
GH-52 SWL


G&H Landfill
Barrier Wall Locatoins GH-54/GH-55
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10/27/2000
12/20/2000
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12/18/2001
4/8/2002
2/3/2003
7/10/2003
1/21/2004
10/20/2004
5/10/2005
11/23/2005
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1/29/2007
7/25/2007
3/22/2008
8/15/2008
3/5/2009
8/17/2009
3/3/2010
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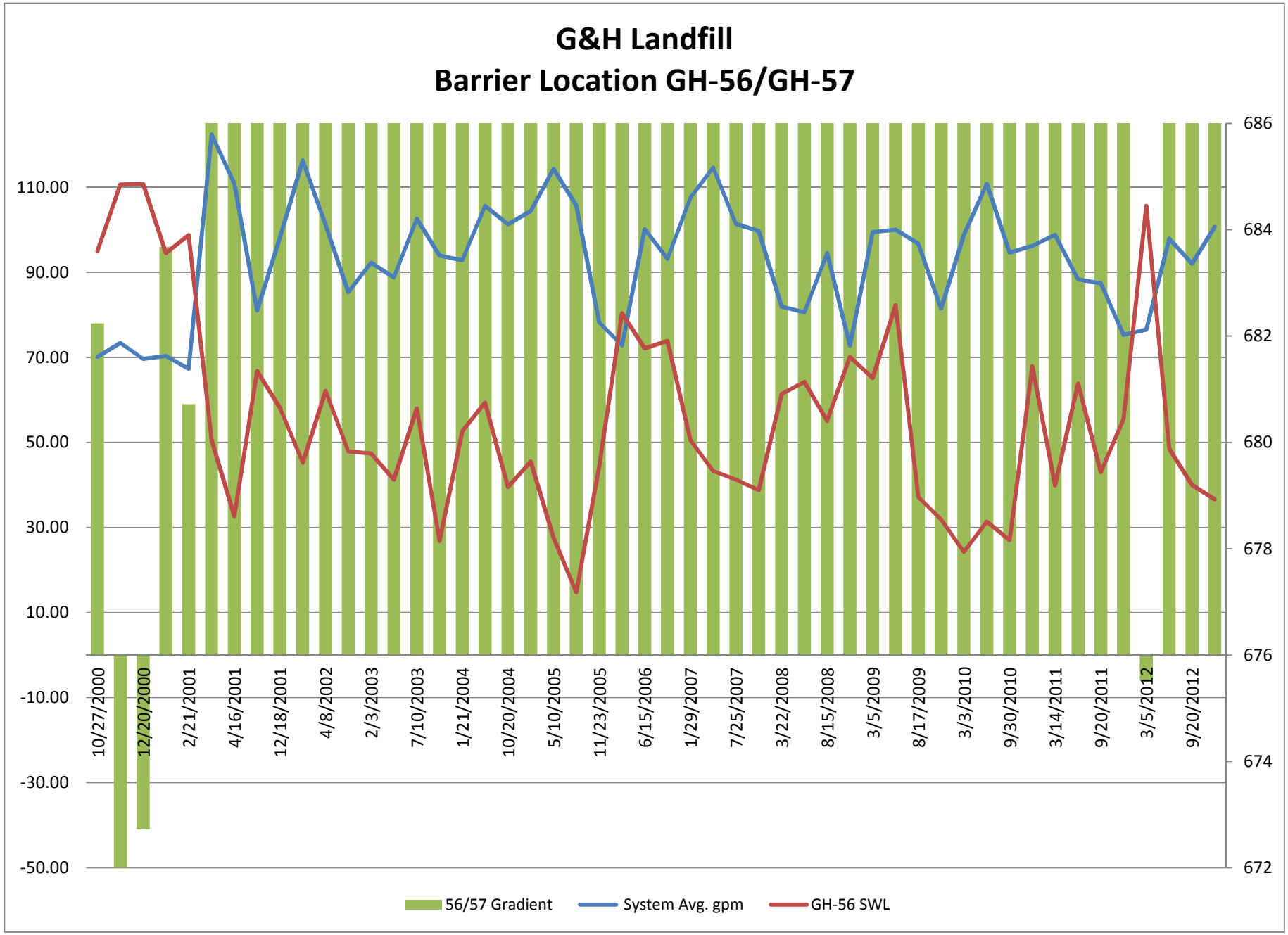
9/20/2011
3/5/2012
9/20/2012
54/55 Gradient
System Avg. gpm
GH-54 SWL


G&H Landfill
Barrier Location GH-56/GH-57
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674
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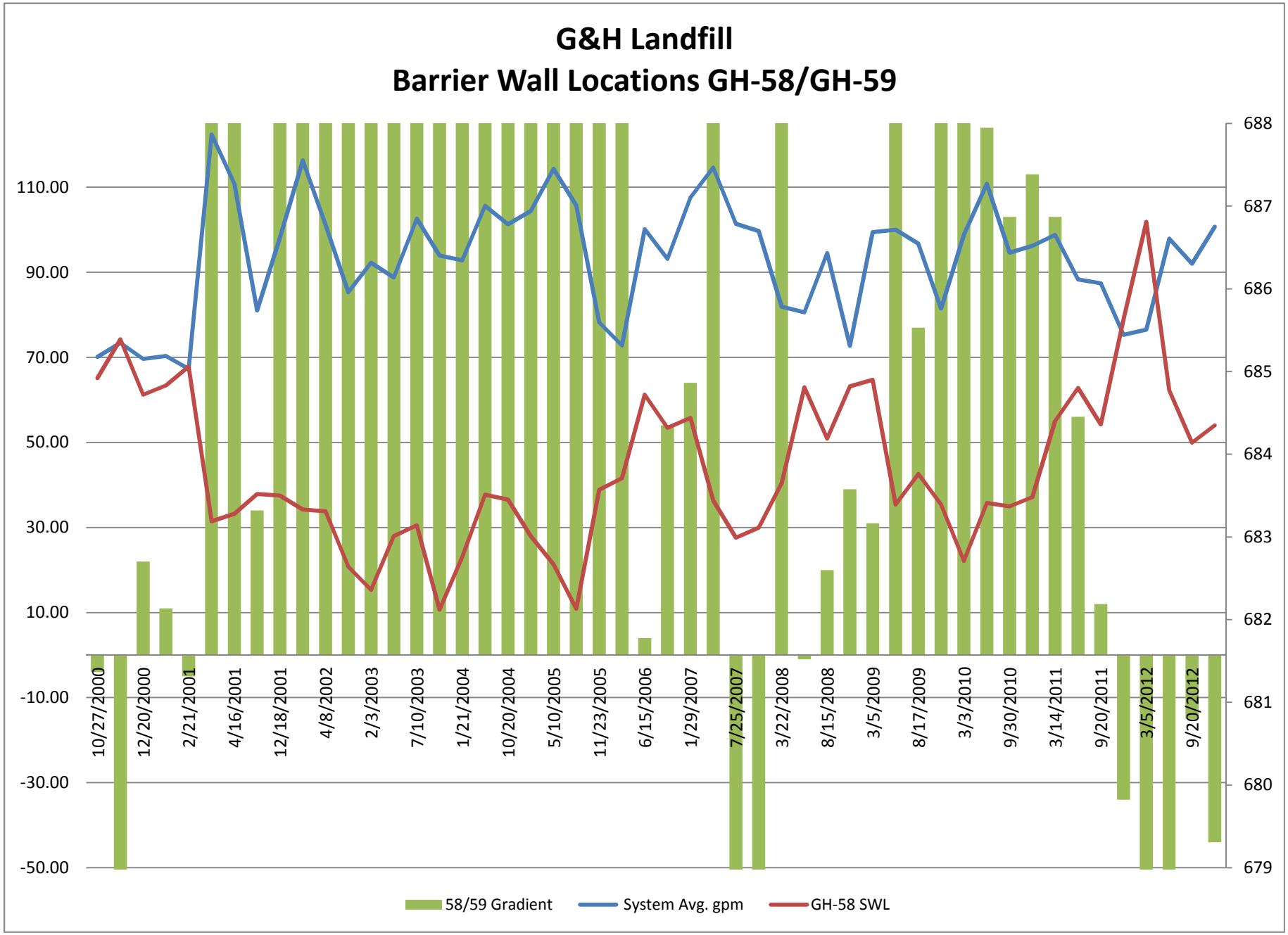
10/27/2000
12/20/2000
2/21/2001
4/16/2001
12/18/2001
4/8/2002
2/3/2003
7/10/2003
1/21/2004
10/20/2004
5/10/2005
11/23/2005
6/15/2006
1/29/2007
7/25/2007
3/22/2008
8/15/2008
3/5/2009
8/17/2009
3/3/2010
9/30/2010
3/14/2011
9/20/2011
3/5/2012
9/20/2012
56/57 Gradient
System Avg. gpm
GH-56 SWL


G&H Landfill
Barrier Wall Locations GH-58/GH-59
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3/3/2010
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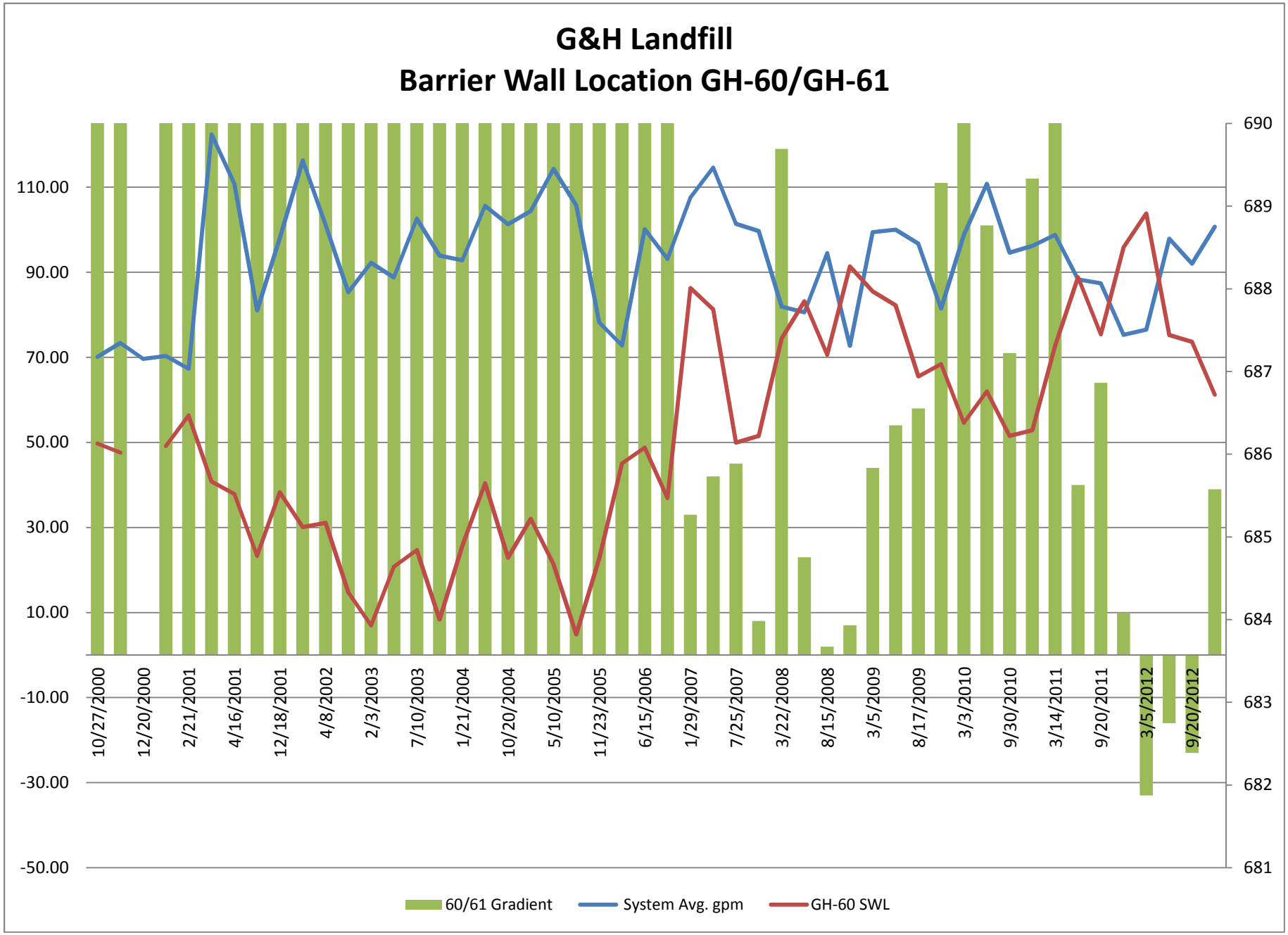
58/59 Gradient
System Avg. gpm
GH-58 SWL


G&H Landfill
Barrier Wall Location GH-60/GH-61
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687
686
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684
683
682
681
10/27/2000
12/20/2000
2/21/2001
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12/18/2001
4/8/2002
2/3/2003
7/10/2003
1/21/2004
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5/10/2005
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6/15/2006
1/29/2007
7/25/2007
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8/15/2008
3/5/2009
8/17/2009
3/3/2010
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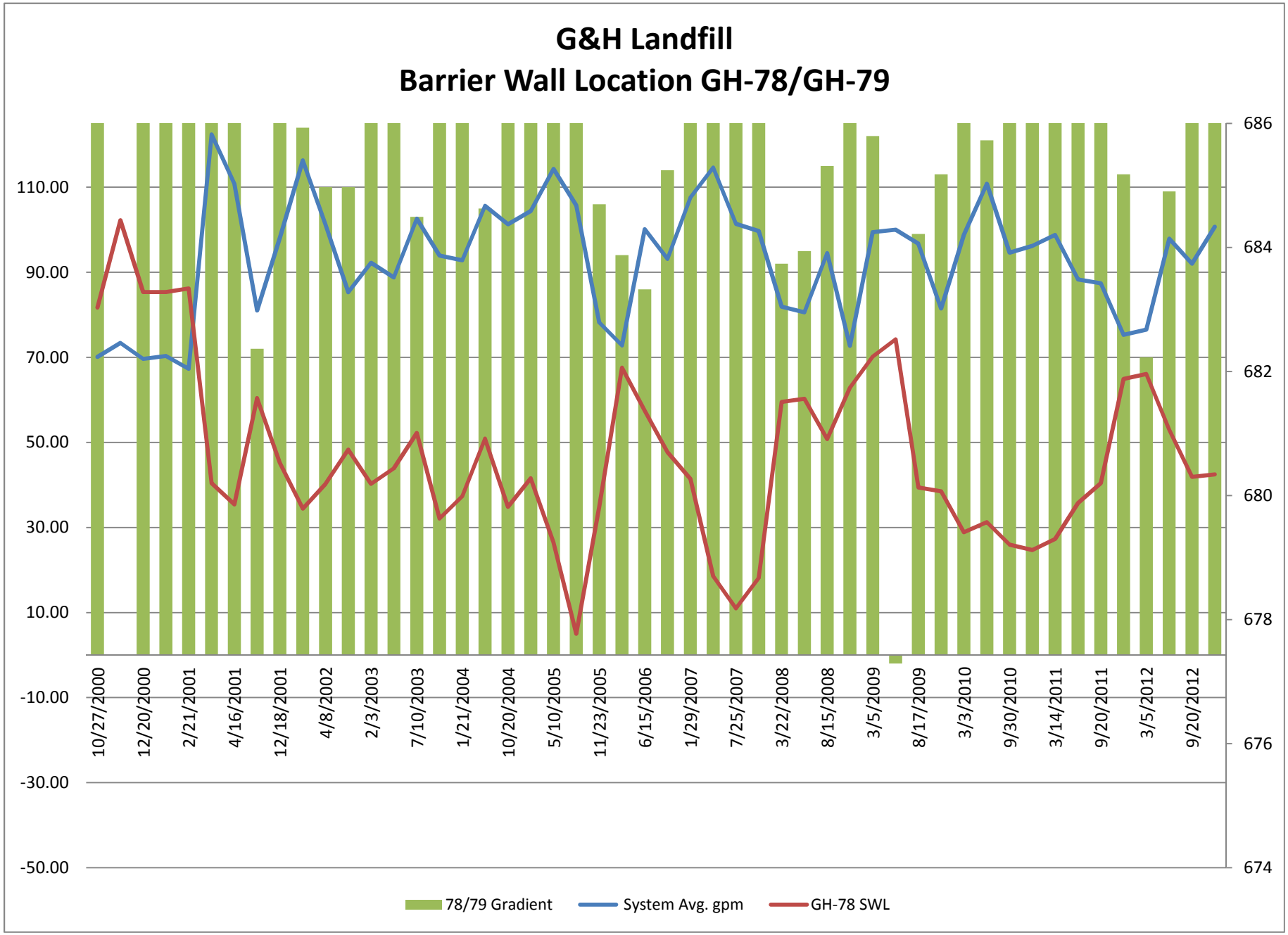
60/61 Gradient
System Avg. gpm
GH-60 SWL


G&H Landfill
Barrier Wall Location GH-78/GH-79
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10.00
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684
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680
678
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674
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12/20/2000
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4/16/2001
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11/23/2005
6/15/2006
1/29/2007
7/25/2007
3/22/2008
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3/5/2009
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3/3/2010
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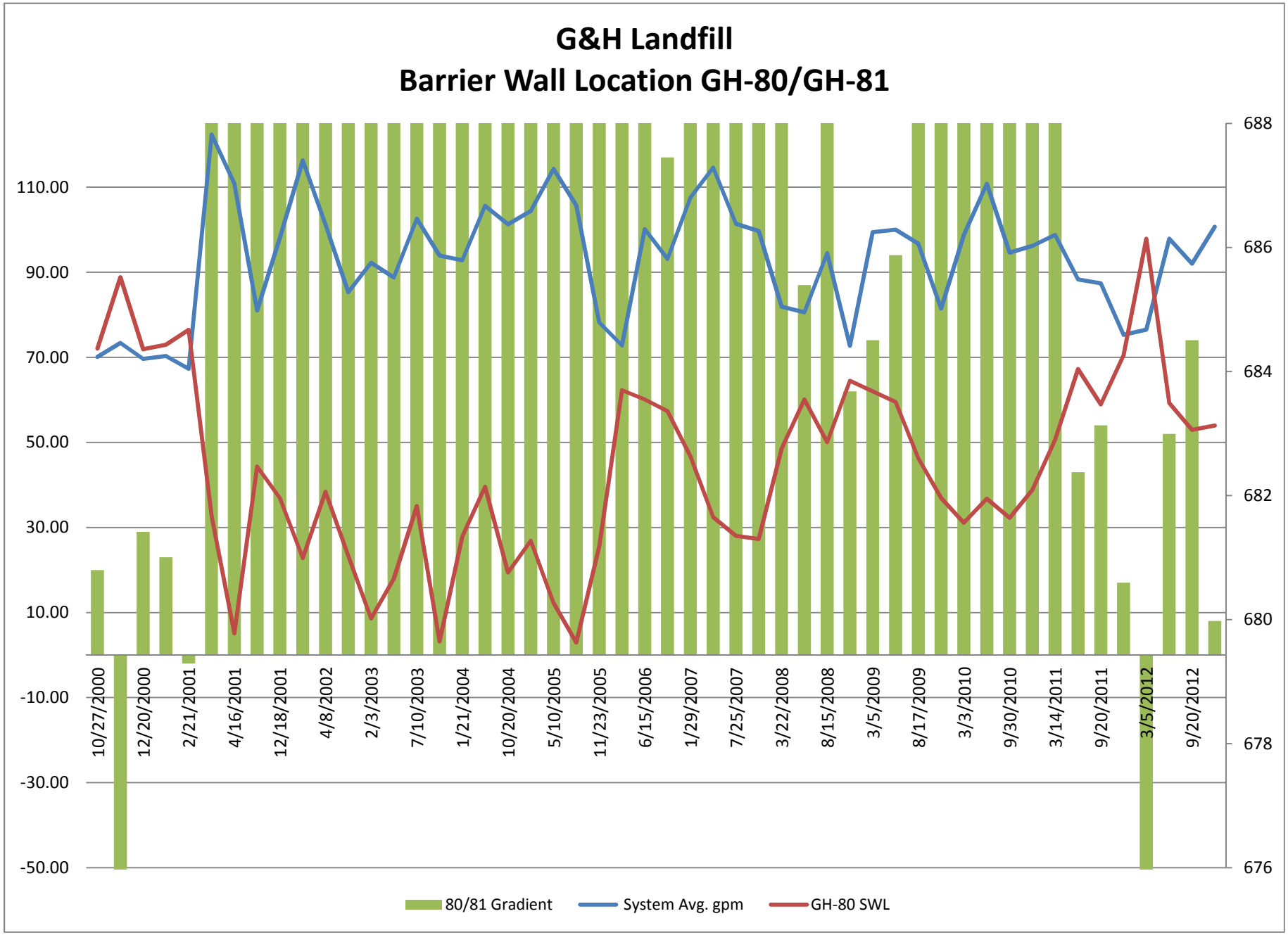
9/20/2011
3/5/2012
9/20/2012
78/79 Gradient
System Avg. gpm
GH-78 SWL


G&H Landfill
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-50.00
688
686
684
682
680
678
676
10/27/2000
12/20/2000
2/21/2001
4/16/2001
12/18/2001
4/8/2002
2/3/2003
7/10/2003
1/21/2004
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11/23/2005
6/15/2006
1/29/2007
7/25/2007
3/22/2008
8/15/2008
3/5/2009
8/17/2009
3/3/2010
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3/14/2011
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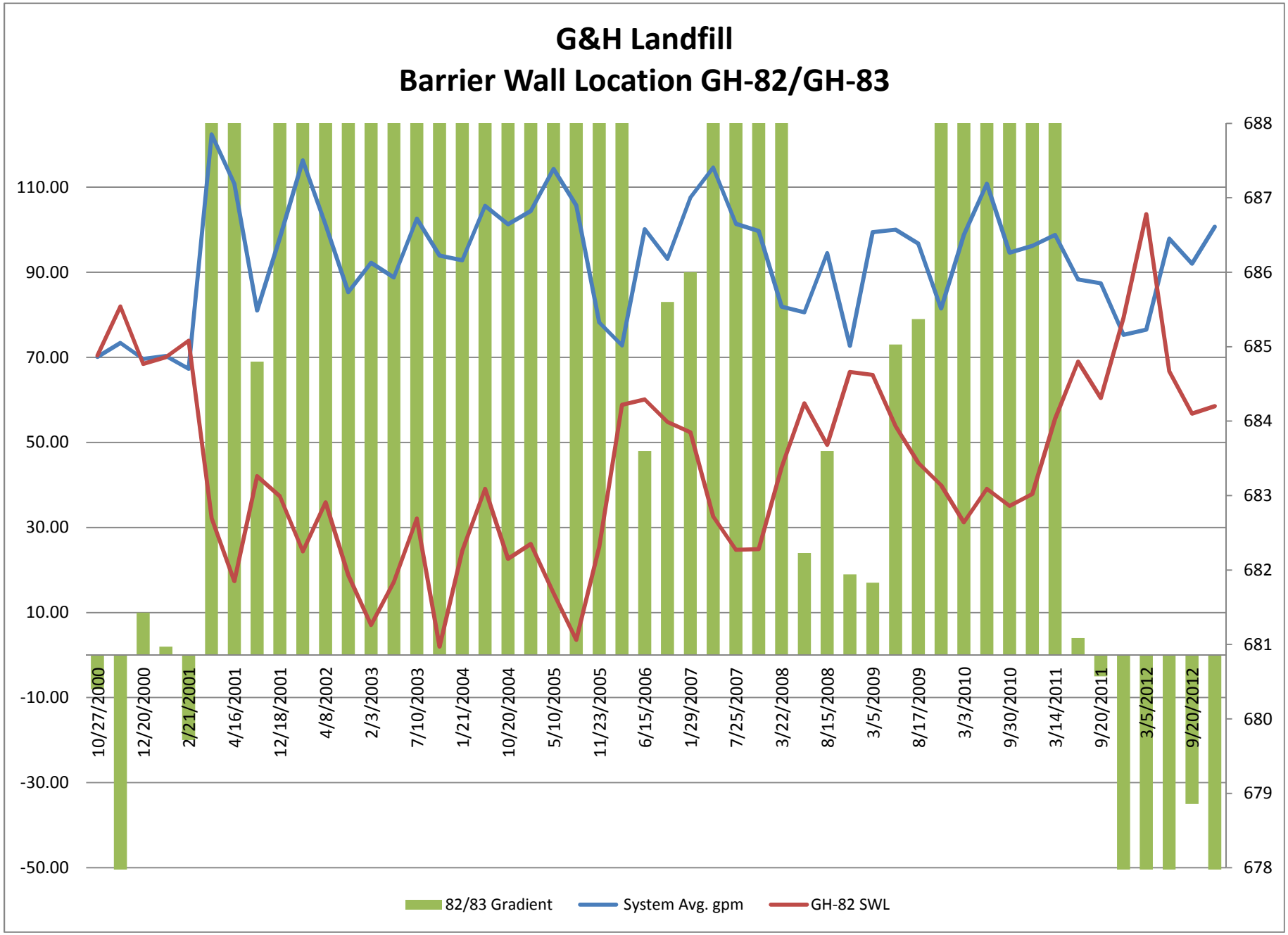
3/5/2012
9/20/2012
80/81 Gradient
System Avg. gpm
GH-80 SWL


G&H Landfill
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3/3/2010
9/30/2010
3/14/2011
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3/5/2012
9/20/2012
82/83 Gradient
System Avg. gpm
GH-82 SWL