

## **ATTACHMENT 1**

**Appendix D – Additional Information Requested in the March 24, 2017 meeting**

**Appendix D1 – Rainfall Data for TL-590 Project**

## Precipitation Data

### Marshall County, WV Vicinity - Precipitation

	MAX	AVG	MIN	SUM
Aug-11	1.49 in	0.14 in	0.00 in	4.32 in
Sep-11	1.81 in	0.20 in	0.00 in	6.00 in
Oct-11	0.71 in	0.15 in	0.00 in	4.29 in
Nov-11	1.06 in	0.16 in	0.00 in	4.34 in
Dec-11	0.85 in	0.12 in	0.00 in	3.27 in
Jan-12	0.59 in	0.14 in	0.00 in	3.21 in
Feb-12	0.90 in	0.07 in	0.00 in	1.59 in
Mar-12	0.94 in	0.10 in	0.00 in	3.03 in
Apr-12	0.40 in	0.05 in	0.00 in	1.28 in
May-12	1.24 in	0.12 in	0.00 in	3.60 in
Jun-12	0.78 in	0.07 in	0.00 in	2.09 in
Jul-12	1.53 in	0.16 in	0.00 in	4.71 in
Aug-12	0.96 in	0.08 in	0.00 in	2.20 in
Sep-12	1.06 in	0.15 in	0.00 in	3.79 in

### Greene County, PA Vicinity - Precipitation

	MAX	AVG	MIN	SUM
Aug-11	0.66 in	0.10 in	0.00 in	1.63 in
Sep-11	0.56 in	0.10 in	0.00 in	2.87 in
Oct-11	0.82 in	0.10 in	0.00 in	3.10 in
Nov-11	0.82 in	0.10 in	0.00 in	2.94 in
Dec-11	0.75 in	0.07 in	0.00 in	2.00 in
Jan-12	0.49 in	0.08 in	0.00 in	2.46 in
Feb-12	0.70 in	0.05 in	0.00 in	0.88 in
Mar-12	1.02 in	0.08 in	0.00 in	2.42 in
Apr-12	0.31 in	0.04 in	0.00 in	1.05 in
May-12	0.94 in	0.13 in	0.00 in	4.04 in
Jun-12	0.66 in	0.07 in	0.00 in	2.05 in
Jul-12	0.72 in	0.08 in	0.00 in	2.59 in
Aug-12	1.21 in	0.10 in	0.00 in	3.19 in
Sep-12	0.78 in	0.06 in	0.00 in	1.90 in

**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
8/1/2011	0
8/2/2011	0.03 in
8/3/2011	0.16 in
8/4/2011	0
8/5/2011	0
8/6/2011	0.04 in
8/7/2011	0.02 in
8/8/2011	0
8/9/2011	0.51 in
8/10/2011	0.13 in
8/11/2011	0
8/12/2011	0
8/13/2011	0
8/14/2011	0.30 in
8/15/2011	0.14 in
8/16/2011	0.01 in
8/17/2011	0
8/18/2011	0.01 in
8/19/2011	1.49 in
8/20/2011	0
8/21/2011	0.56 in
8/22/2011	0.01 in
8/23/2011	0
8/24/2011	0.21 in
8/25/2011	0.67 in
8/26/2011	0.01 in
8/27/2011	0
8/28/2011	0
8/29/2011	0.01 in
8/30/2011	0.01 in
8/31/2011	0
9/1/2011	0.40 in
9/2/2011	0
9/3/2011	0
9/4/2011	0.75 in
9/5/2011	0.45 in
9/6/2011	0.32 in
9/7/2011	0.17 in
9/8/2011	0.13 in
9/9/2011	0
9/10/2011	0.01 in
9/11/2011	0.01 in

Date	Precipitation
8/1/2011	0
8/2/2011	0
8/3/2011	0
8/4/2011	0
8/5/2011	0
8/6/2011	0.12 in
8/7/2011	0.24 in
8/8/2011	0
8/9/2011	0.66 in
8/10/2011	0.38 in
8/11/2011	0
8/12/2011	0
8/13/2011	0
8/14/2011	0.23 in
8/15/2011	0
8/16/2011	0
8/17/2011	0
8/18/2011	0
8/19/2011	0
8/20/2011	0
8/21/2011	0
8/22/2011	0
8/23/2011	0
8/24/2011	0
8/25/2011	0
8/26/2011	0
8/27/2011	0
8/28/2011	0
8/29/2011	0
8/30/2011	0
8/31/2011	0
9/1/2011	0.29 in
9/2/2011	0
9/3/2011	0
9/4/2011	0.47 in
9/5/2011	0.56 in
9/6/2011	0.07 in
9/7/2011	0.01 in
9/8/2011	0
9/9/2011	0.04 in
9/10/2011	0
9/11/2011	0.01 in

**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
9/12/2011	0.01 in
9/13/2011	0.01 in
9/14/2011	0
9/15/2011	0.28 in
9/16/2011	0
9/17/2011	0
9/18/2011	0
9/19/2011	0.01 in
9/20/2011	0.64 in
9/21/2011	0.01 in
9/22/2011	0.17 in
9/23/2011	0.46 in
9/24/2011	0
9/25/2011	0.01 in
9/26/2011	1.81 in
9/27/2011	0.07 in
9/28/2011	0.01 in
9/29/2011	0.16 in
9/30/2011	0.11 in
10/1/2011	0.30 in
10/2/2011	0.29 in
10/3/2011	0.21 in
10/4/2011	0.01 in
10/5/2011	0
10/6/2011	0.01 in
10/7/2011	0.01 in
10/8/2011	0
10/9/2011	0
10/10/2011	0
10/11/2011	0
10/12/2011	0.55 in
10/13/2011	0.71 in
10/14/2011	0.44 in
10/15/2011	0
10/16/2011	0.07 in
10/17/2011	"T" in
10/18/2011	"T" in
10/19/2011	0.33 in
10/20/2011	0.11 in
10/21/2011	0.02 in
10/22/2011	0
10/23/2011	0

Date	Precipitation
9/12/2011	0
9/13/2011	0
9/14/2011	0
9/15/2011	0.51 in
9/16/2011	0
9/17/2011	0
9/18/2011	0
9/19/2011	0.05 in
9/20/2011	0.02 in
9/21/2011	0.02 in
9/22/2011	0.01 in
9/23/2011	0.17 in
9/24/2011	0
9/25/2011	0
9/26/2011	0.09 in
9/27/2011	0.26 in
9/28/2011	0.16 in
9/29/2011	0.11 in
9/30/2011	0.02 in
10/1/2011	0.36 in
10/2/2011	0.50 in
10/3/2011	0.07 in
10/4/2011	0
10/5/2011	0
10/6/2011	0
10/7/2011	0
10/8/2011	0
10/9/2011	0
10/10/2011	0
10/11/2011	0
10/12/2011	0.82 in
10/13/2011	0.05 in
10/14/2011	0.02 in
10/15/2011	0
10/16/2011	0
10/17/2011	0.11 in
10/18/2011	0
10/19/2011	0
10/20/2011	0.04 in
10/21/2011	0.02 in
10/22/2011	0
10/23/2011	0

**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
10/24/2011	0.17 in
10/25/2011	0
10/26/2011	0.35 in
10/27/2011	0.49 in
10/28/2011	"T" in
10/29/2011	0.18 in
10/30/2011	0.01 in
10/31/2011	0.03 in
11/1/2011	0
11/2/2011	0
11/3/2011	0
11/4/2011	0
11/5/2011	"T" in
11/6/2011	0
11/7/2011	0
11/8/2011	0
11/9/2011	0.13 in
11/10/2011	"T" in
11/11/2011	0
11/12/2011	0
11/13/2011	0
11/14/2011	0.77 in
11/15/2011	0.50 in
11/16/2011	0.30 in
11/17/2011	"T" in
11/18/2011	0
11/19/2011	0
11/20/2011	0.39 in
11/21/2011	0.19 in
11/22/2011	1.06 in
11/23/2011	0.11 in
11/24/2011	0.01 in
11/25/2011	0
11/26/2011	0
11/27/2011	0.28 in
11/28/2011	0.26 in
11/29/2011	0.33 in
11/30/2011	0.01 in
12/1/2011	0
12/2/2011	0
12/3/2011	0
12/4/2011	0

Date	Precipitation
10/24/2011	0.11 in
10/25/2011	0
10/26/2011	0.19 in
10/27/2011	0.50 in
10/28/2011	0
10/29/2011	0.29 in
10/30/2011	0
10/31/2011	0.02 in
11/1/2011	0
11/2/2011	0
11/3/2011	0
11/4/2011	0
11/5/2011	0
11/6/2011	0
11/7/2011	0
11/8/2011	0
11/9/2011	0
11/10/2011	0.14 in
11/11/2011	0
11/12/2011	0
11/13/2011	0
11/14/2011	0.13 in
11/15/2011	0.41 in
11/16/2011	0.24 in
11/17/2011	0
11/18/2011	0
11/19/2011	0
11/20/2011	0.31 in
11/21/2011	0.11 in
11/22/2011	0.82 in
11/23/2011	0.23 in
11/24/2011	0
11/25/2011	0
11/26/2011	0
11/27/2011	0.12 in
11/28/2011	0.10 in
11/29/2011	0.33 in
11/30/2011	0
12/1/2011	0
12/2/2011	0
12/3/2011	0
12/4/2011	0

**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
12/5/2011	0.20 in
12/6/2011	0.12 in
12/7/2011	0.19 in
12/8/2011	0
12/9/2011	0
12/10/2011	0
12/11/2011	0
12/12/2011	0
12/13/2011	"T" in
12/14/2011	0.08 in
12/15/2011	0.36 in
12/16/2011	0
12/17/2011	"T" in
12/18/2011	0.03 in
12/19/2011	"T" in
12/20/2011	0.28 in
12/21/2011	0.85 in
12/22/2011	0.40 in
12/23/2011	0.05 in
12/24/2011	0.01 in
12/25/2011	0
12/26/2011	0
12/27/2011	0.64 in
12/28/2011	0.01 in
12/29/2011	0.01 in
12/30/2011	0.02 in
12/31/2011	0.02 in
1/1/2012	0.03 in
1/2/2012	"T" in
1/3/2012	"T" in
1/4/2012	0
1/5/2012	0
1/6/2012	0
1/7/2012	0
1/8/2012	0
1/9/2012	0
1/10/2012	0
1/11/2012	0.50 in
1/12/2012	0.42 in
1/13/2012	0.01 in
1/14/2012	"T" in
1/15/2012	0

Date	Precipitation
12/5/2011	0.08 in
12/6/2011	0.09 in
12/7/2011	0.32 in
12/8/2011	0
12/9/2011	0
12/10/2011	0
12/11/2011	0
12/12/2011	0
12/13/2011	0
12/14/2011	0.02 in
12/15/2011	0.08 in
12/16/2011	0
12/17/2011	0
12/18/2011	0
12/19/2011	0
12/20/2011	0.21 in
12/21/2011	0.43 in
12/22/2011	0
12/23/2011	0
12/24/2011	0
12/25/2011	0
12/26/2011	0
12/27/2011	0.75 in
12/28/2011	0.02 in
12/29/2011	0
12/30/2011	0
12/31/2011	0
1/1/2012	0.02 in
1/2/2012	0
1/3/2012	0
1/4/2012	0
1/5/2012	0
1/6/2012	0
1/7/2012	0
1/8/2012	0
1/9/2012	0
1/10/2012	0
1/11/2012	0.49 in
1/12/2012	0.28 in
1/13/2012	0
1/14/2012	0
1/15/2012	0



**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
1/16/2012	0.04 in
1/17/2012	0.40 in
1/18/2012	"T" in
1/19/2012	"T" in
1/20/2012	"T" in
1/21/2012	"T" in
1/22/2012	0.34 in
1/23/2012	0.48 in
1/24/2012	0
1/25/2012	0.04 in
1/26/2012	0.59 in
1/27/2012	0.31 in
1/28/2012	0.03 in
1/29/2012	"T" in
1/30/2012	0
1/31/2012	0.02 in
2/1/2012	0.05 in
2/2/2012	0
2/3/2012	0
2/4/2012	0.25 in
2/5/2012	0
2/6/2012	0
2/7/2012	0
2/8/2012	0.10 in
2/9/2012	0
2/10/2012	"T" in
2/11/2012	"T" in
2/12/2012	"T" in
2/13/2012	0
2/14/2012	0.08 in
2/15/2012	0
2/16/2012	0.20 in
2/17/2012	0
2/18/2012	0
2/19/2012	0
2/20/2012	0
2/21/2012	"T" in
2/22/2012	0
2/23/2012	0.01 in
2/24/2012	"T" in
2/25/2012	"T" in
2/26/2012	0

Date	Precipitation
1/16/2012	0.01 in
1/17/2012	0.23 in
1/18/2012	0
1/19/2012	0
1/20/2012	0
1/21/2012	0.30 in
1/22/2012	0
1/23/2012	0.22 in
1/24/2012	0
1/25/2012	0.02 in
1/26/2012	0.44 in
1/27/2012	0.42 in
1/28/2012	0.03 in
1/29/2012	0
1/30/2012	0
1/31/2012	0
2/1/2012	0
2/2/2012	0
2/3/2012	0
2/4/2012	0
2/5/2012	0
2/6/2012	0
2/7/2012	0
2/8/2012	0
2/9/2012	0
2/10/2012	0
2/11/2012	0
2/12/2012	0
2/13/2012	0
2/14/2012	0.03 in
2/15/2012	0
2/16/2012	0.07 in
2/17/2012	0
2/18/2012	0
2/19/2012	0
2/20/2012	0
2/21/2012	0
2/22/2012	0
2/23/2012	0
2/24/2012	0.08 in
2/25/2012	0
2/26/2012	0

**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
2/27/2012	0
2/28/2012	0
2/29/2012	0.90 in
3/1/2012	0
3/2/2012	0.12 in
3/3/2012	0
3/4/2012	"T" in
3/5/2012	"T" in
3/6/2012	0
3/7/2012	0
3/8/2012	0.94 in
3/9/2012	0.01 in
3/10/2012	0
3/11/2012	0
3/12/2012	0.30 in
3/13/2012	0
3/14/2012	0
3/15/2012	0.04 in
3/16/2012	0.12 in
3/17/2012	0.01 in
3/18/2012	0.33 in
3/19/2012	0.37 in
3/20/2012	0
3/21/2012	0
3/22/2012	0
3/23/2012	0.11 in
3/24/2012	0.04 in
3/25/2012	0
3/26/2012	0
3/27/2012	0
3/28/2012	0.01 in
3/29/2012	0
3/30/2012	0.63 in
3/31/2012	0
4/1/2012	0.09 in
4/2/2012	0
4/3/2012	"T" in
4/4/2012	"T" in
4/5/2012	0
4/6/2012	0
4/7/2012	0
4/8/2012	0

Date	Precipitation
2/27/2012	0
2/28/2012	0
2/29/2012	0.70 in
3/1/2012	0
3/2/2012	0.14 in
3/3/2012	0.11 in
3/4/2012	0.01 in
3/5/2012	0
3/6/2012	0
3/7/2012	0
3/8/2012	1.02 in
3/9/2012	0.31 in
3/10/2012	0
3/11/2012	0
3/12/2012	0.21 in
3/13/2012	0
3/14/2012	0
3/15/2012	0
3/16/2012	0.16 in
3/17/2012	0
3/18/2012	0
3/19/2012	0.21 in
3/20/2012	0
3/21/2012	0
3/22/2012	0
3/23/2012	0
3/24/2012	0.15 in
3/25/2012	0
3/26/2012	0
3/27/2012	0
3/28/2012	0.09 in
3/29/2012	0
3/30/2012	0
3/31/2012	0.01 in
4/1/2012	0.05 in
4/2/2012	0
4/3/2012	0
4/4/2012	0
4/5/2012	0
4/6/2012	0
4/7/2012	0
4/8/2012	0

**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
4/9/2012	0.07 in
4/10/2012	0
4/11/2012	0.05 in
4/12/2012	0
4/13/2012	0
4/14/2012	0.30 in
4/15/2012	0
4/16/2012	0
4/17/2012	0
4/18/2012	0
4/19/2012	0
4/20/2012	0
4/21/2012	0.40 in
4/22/2012	0.06 in
4/23/2012	0.23 in
4/24/2012	0
4/25/2012	0.02 in
4/26/2012	0.02 in
4/27/2012	0
4/28/2012	0.03 in
4/29/2012	0
4/30/2012	0.01 in
5/1/2012	0.51 in
5/2/2012	0.38 in
5/3/2012	0.21 in
5/4/2012	0.05 in
5/5/2012	0
5/6/2012	0
5/7/2012	0.22 in
5/8/2012	1.24 in
5/9/2012	0.02 in
5/10/2012	0
5/11/2012	0
5/12/2012	0
5/13/2012	0.33 in
5/14/2012	0.06 in
5/15/2012	0
5/16/2012	0.01 in
5/17/2012	0
5/18/2012	0
5/19/2012	0
5/20/2012	0

Date	Precipitation
4/9/2012	0.04 in
4/10/2012	0
4/11/2012	0.01 in
4/12/2012	0
4/13/2012	0
4/14/2012	0.31 in
4/15/2012	0
4/16/2012	0
4/17/2012	0
4/18/2012	0
4/19/2012	0
4/20/2012	0
4/21/2012	0.21 in
4/22/2012	0.05 in
4/23/2012	0.31 in
4/24/2012	0
4/25/2012	0.01 in
4/26/2012	0.02 in
4/27/2012	0
4/28/2012	0.02 in
4/29/2012	0.02 in
4/30/2012	0
5/1/2012	0.69 in
5/2/2012	0.39 in
5/3/2012	0.11 in
5/4/2012	0
5/5/2012	0.80 in
5/6/2012	0
5/7/2012	0
5/8/2012	0.94 in
5/9/2012	0
5/10/2012	0
5/11/2012	0
5/12/2012	0
5/13/2012	0.32 in
5/14/2012	0.02 in
5/15/2012	0
5/16/2012	0
5/17/2012	0
5/18/2012	0
5/19/2012	0
5/20/2012	0

**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
5/21/2012	0
5/22/2012	0
5/23/2012	0.01 in
5/24/2012	0
5/25/2012	0
5/26/2012	0
5/27/2012	0
5/28/2012	0
5/29/2012	0.56 in
5/30/2012	0
5/31/2017	0
6/1/2012	0.72 in
6/2/2012	0.09 in
6/3/2012	0
6/4/2012	0
6/5/2012	0
6/6/2012	0
6/7/2012	0
6/8/2012	0
6/9/2012	0
6/10/2012	0
6/11/2012	0.05 in
6/12/2012	0.02 in
6/13/2012	0
6/14/2012	0
6/15/2012	0
6/16/2012	0
6/17/2012	"T" in
6/18/2012	0.22 in
6/19/2012	0
6/20/2012	0
6/21/2012	0
6/22/2012	0.15 in
6/23/2012	0
6/24/2012	0
6/25/2012	"T" in
6/26/2012	0
6/27/2012	0
6/28/2012	0
6/29/2012	0.78 in
6/30/2012	0.06 in
7/1/2012	0.05 in

Date	Precipitation
5/21/2012	0.07 in
5/22/2012	0
5/23/2012	0
5/24/2012	0
5/25/2012	0
5/26/2012	0
5/27/2012	0
5/28/2012	0
5/29/2012	0.53 in
5/30/2012	0.17 in
5/31/2017	0
6/1/2012	0.66 in
6/2/2012	0
6/3/2012	0
6/4/2012	0
6/5/2012	0
6/6/2012	0
6/7/2012	0
6/8/2012	0.02 in
6/9/2012	0
6/10/2012	0
6/11/2012	0.57 in
6/12/2012	0
6/13/2012	0
6/14/2012	0
6/15/2012	0
6/16/2012	0
6/17/2012	0
6/18/2012	0.59 in
6/19/2012	0
6/20/2012	0
6/21/2012	0
6/22/2012	0
6/23/2012	0
6/24/2012	0
6/25/2012	0.07 in
6/26/2012	0
6/27/2012	0
6/28/2012	0
6/29/2012	0.14 in
6/30/2012	0
7/1/2012	0

**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
7/2/2012	0
7/3/2012	0
7/4/2012	0.90 in
7/5/2012	0.62 in
7/6/2012	0
7/7/2012	0
7/8/2012	0
7/9/2012	0
7/10/2012	0
7/11/2012	0
7/12/2012	0
7/13/2012	0
7/14/2012	0.30 in
7/15/2012	"T" in
7/16/2012	0
7/17/2012	0
7/18/2012	0.27 in
7/19/2012	0.10 in
7/20/2012	1.53 in
7/21/2012	0
7/22/2012	0
7/23/2012	0.02 in
7/24/2012	"T" in
7/25/2012	0
7/26/2012	0.47 in
7/27/2012	0.37 in
7/28/2012	0.08 in
7/29/2012	0
7/30/2012	0
7/31/2012	0
8/1/2012	"T" in
8/2/2012	0
8/3/2012	0
8/4/2012	0.02 in
8/5/2012	0.96 in
8/6/2012	0
8/7/2012	0
8/8/2012	0
8/9/2012	0.25 in
8/10/2012	0.06 in
8/11/2012	0.02 in
8/12/2012	0

Date	Precipitation
7/2/2012	0
7/3/2012	0
7/4/2012	0
7/5/2012	0.38 in
7/6/2012	0
7/7/2012	0
7/8/2012	0
7/9/2012	0
7/10/2012	0
7/11/2012	0
7/12/2012	0
7/13/2012	0
7/14/2012	0.37 in
7/15/2012	0.03 in
7/16/2012	0
7/17/2012	0
7/18/2012	0.11 in
7/19/2012	0.09 in
7/20/2012	0.44 in
7/21/2012	0
7/22/2012	0
7/23/2012	0.01 in
7/24/2012	0
7/25/2012	0
7/26/2012	0.72 in
7/27/2012	0.30 in
7/28/2012	0.14 in
7/29/2012	0
7/30/2012	0
7/31/2012	0
8/1/2012	0
8/2/2012	0
8/3/2012	0
8/4/2012	0
8/5/2012	1.21 in
8/6/2012	0
8/7/2012	0
8/8/2012	0
8/9/2012	0.13 in
8/10/2012	0.17 in
8/11/2012	0
8/12/2012	0

**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
8/13/2012	0.01 in
8/14/2012	0.50 in
8/15/2012	0
8/16/2012	0
8/17/2012	0.11 in
8/18/2012	0
8/19/2012	0
8/20/2012	"T" in
8/21/2012	0.08 in
8/22/2012	0
8/23/2012	0
8/24/2012	0
8/25/2012	0
8/26/2012	0
8/27/2012	0.19 in
8/28/2012	"T" in
8/29/2012	0
8/30/2012	0
8/31/2012	0
9/1/2012	0.20 in
9/2/2012	0.15 in
9/3/2012	0.42 in
9/4/2012	0.09 in
9/5/2012	0
9/6/2012	"T" in
9/7/2012	0.01 in
9/8/2012	0.30 in
9/9/2012	"T" in
9/10/2012	0
9/11/2012	0.01 in
9/12/2012	0
9/13/2012	0
9/14/2012	"T" in
9/15/2012	0.01 in
9/16/2012	0
9/17/2012	0.01 in
9/18/2012	1.06 in
9/19/2012	0
9/20/2012	0
9/21/2012	0.02 in
9/22/2012	0.05 in
9/23/2012	0.03 in

Date	Precipitation
8/13/2012	0.02 in
8/14/2012	0.44 in
8/15/2012	0
8/16/2012	0
8/17/2012	0.14 in
8/18/2012	0
8/19/2012	0
8/20/2012	0.01 in
8/21/2012	1.01 in
8/22/2012	0
8/23/2012	0
8/24/2012	0
8/25/2012	0
8/26/2012	0
8/27/2012	0.04 in
8/28/2012	0.02 in
8/29/2012	0
8/30/2012	0
8/31/2012	0
9/1/2012	0.30 in
9/2/2012	0.01 in
9/3/2012	0
9/4/2012	0
9/5/2012	0
9/6/2012	0
9/7/2012	0.02 in
9/8/2012	0.53 in
9/9/2012	0
9/10/2012	0
9/11/2012	0
9/12/2012	0
9/13/2012	0
9/14/2012	0
9/15/2012	0
9/16/2012	0
9/17/2012	0
9/18/2012	0
9/19/2012	0
9/20/2012	0
9/21/2012	0
9/22/2012	0
9/23/2012	0

**Marshall County, WV  
Vicinity - Precipitation**

"T" in = Trace of Precipitation

**Greene County, WV Vicinity -  
Precipitation**

Date	Precipitation
9/24/2012	0.01 in
9/25/2012	"T" in
9/26/2012	0.63 in
9/27/2012	0.77 in
9/28/2012	0
9/29/2012	0.01 in
9/30/2012	0.01 in

Date	Precipitation
9/24/2012	0
9/25/2012	0
9/26/2012	0.01 in
9/27/2012	0.78 in
9/28/2012	0.02 in
9/29/2012	0.08 in
9/30/2012	0.15 in

## Appendix D2 – Information of Slope Class for Slope Failures

### Site 1 – Burch Ridge Slope Stability Issue

- Occurred after construction
- Slope Percentage - 86%
- Length of Slope - 145 ft



Burch Ridge Slip



Burch Ridge Slip Repair



Burch Ridge Fully Restored



**Site 2 – Access Road Slope Stability Issue**

- Occurred after construction
- Side Slope Percentage – 20%
- Length of Slope – 480 ft



Access Road Slip



Access Road Slip Repair



Access Road Fully Restored

**Site 3 – Fish Creek Slope Stability Issue**

- Occurred after construction
- Slope Percentage – 85%
- Length of Slope – 600 ft



Fish Creek Slip



Fish Creek Slip Repair



Fish Creek Fully Restored

**Site 4 – Grave Creek Slope Stability Issue**

- Occurred after construction
- Slope Percentage – 94%
- Length of Slope – 800 ft



Grave Creek Slip



Grave Creek Slip Repair



Grave Creek Fully Restored

### **Appendix D3 – Information on Slope Failures Over the past year**

Atlantic has not identified any additional slope failures over the past 12 months on any existing projects.