

**ATLANTIC COAST PIPELINE, LLC
ATLANTIC COAST PIPELINE**

and

**DOMINION ENERGY TRANSMISSION, INC.
SUPPLY HEADER PROJECT**

Response to Staff Data Request

Q5 Attachment 1

Tables of Cultural Resources Reports

Table Q5-1

Table Q5-1					
Cultural Resources Report Submittals for the Atlantic Coast Pipeline in West Virginia					
Report	Report Submitted to SHPO	Report Filed with FERC	SHPO Comments on Report	SHPO Comments Filed with FERC	Notes
Archaeological Survey, Testing, and Treatment Reports					
Phase I Archaeological Survey of the Atlantic Coast Pipeline Project, West Virginia Components, Season 1	6/23/15	9/18/15	7/23/15	9/1/16	Combined with Phase I Archaeological Survey of the Atlantic Coast Pipeline Project, West Virginia Components, Seasons 1 and 2. Combined with Phase I Archaeological Survey of the Atlantic Coast Pipeline Project, West Virginia Components, Seasons 1 and 2. The comment letter from the WVDCH inadvertently was omitted from previous filings.
Phase I Archaeological Survey of the Atlantic Coast Pipeline Project, West Virginia, Addendum 1	9/14/15	9/18/15	10/21/15	10/30/15	
Phase I Archaeological Survey of the Atlantic Coast Pipeline Project, West Virginia Components, Seasons 1 and 2	3/16/16	3/24/16	4/15/16	9/27/17	
Phase I Archaeological Survey of the Atlantic Coast Pipeline Project, West Virginia Components, Season 3	7/27/16	7/29/16	9/6/16	9/30/16	
Phase I Archaeological Survey of the Atlantic Coast Pipeline Project, West Virginia Components, Season 4	9/29/16	9/30/16	10/28/16	11/16/17	
Phase II Investigations for the Atlantic Coast Pipeline Project: Site 46PH775, Pocahontas County, West Virginia	1/26/17	1/27/17	2/23/17	3/10/17	
Phase I Archaeological Survey of the Atlantic Coast Pipeline Project, West Virginia Components, Season 5	5/9/17	5/12/17	6/15/17	7/28/17	
Phase I Archaeological Survey of the Atlantic Coast Pipeline Project, West Virginia Components, Season 6	9/27/17	9/27/17	Oct 17	Oct 17	
Architectural Survey and Assessment of Effects Reports					
Architectural Reconnaissance Survey of the Atlantic Coast Pipeline Project Corridor, Harrison, Lewis, Upshur, Randolph, and Pocahontas Counties, West Virginia	9/14/15	9/18/15	10/21/15	10/30/15	Comments from the WVDCH are addressed in subsequent reports.
Report Revision 1	4/14/16	4/15/17	5/17/16	6/17/16	
Addendum Architectural Reconnaissance Survey of the Atlantic Coast Pipeline Project Corridor, Harrison, Lewis, Upshur, Randolph, and Pocahontas Counties, West Virginia	3/14/16	3/24/16	4/18/16	5/13/16	
Addendum 2 Architectural Reconnaissance Survey of the Atlantic Coast Pipeline Project Corridor, Harrison, Lewis, Upshur, Randolph, and Pocahontas Counties, West Virginia	4/26/16	5/13/16	6/1/16	6/17/16	Comments from the WVDCH are addressed in subsequent reports.
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, West Virginia, Addendum 3	10/11/16	10/17/16	12/7/16	1/10/17	Comments from the WVDCH on eligibility recommendations are addressed in the assessment of effects report.
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, West Virginia, Addendum 4	1/9/17	1/10/17	2/9/17	3/10/17	
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, West Virginia, Addendum 5	3/24/17	3/24/17	4/26/17	5/12/17	This report is pending.
Report Revision 1	7/27/17	7/28/17	9/1/17	9/22/17	
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, West Virginia Assessment of Effects	7/27/17	7/28/17	9/1/17	9/22/17	
Report Revision 1	Sep 17	Sep 17	Oct 17	Oct 17	

Table Q5-1 (continued)

Table Q5-1 (continued)					
Cultural Resources Report Submittals for the Atlantic Coast Pipeline in West Virginia					
Report	Report Submitted to SHPO	Report Filed with FERC	SHPO Comments on Report	SHPO Comments Filed with FERC	Notes
Atlantic Coast Pipeline Project, West Virginia, Treatment Plan for Historic Properties	Oct 17	Oct 17	Nov 17	Nov 2017	This report is pending.
Cemetery Delineation and Treatment Reports					
Atlantic Coast Pipeline Project, Lewis, Pocahontas, Randolph, and Upshur Counties, West Virginia, Historic Cemetery Delineation Report	1/9/17	1/10/17	2/9/17	3/10/17	The 2/9/17 letter from the WVDCH on Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, West Virginia, Addendum 4 report concurs with the recommendations provided in the cemetery delineation report.
Atlantic Coast Pipeline Project, Lewis, Pocahontas, Randolph, and Upshur Counties, West Virginia, Historic Cemetery Protective Treatment Plan	7/18/17	7/28/17	8/25/17	9/22/17	
Monongahela National Forest Survey Reports					
Phase I Cultural Resources Investigation, Atlantic Coast Pipeline, Monongahela National Forest, Pocahontas County, West Virginia	Unknown	7/29/16			Atlantic provided this report to the USFS on 7/27/16. The USFS concurred with the report in an email to Atlantic on 8/15/16 (copy filed on 5/1/17).
Addendum I, Atlantic Coast Pipeline Project, Phase I Cultural Resources Investigation of Additional Access Roads and Workspace, Monongahela National Forest, Pocahontas, County, West Virginia	7/11/17	7/28/17	8/9/17	9/22/17	Atlantic provided this report to the USFS on 6/15/17. The USFS concurred with the report in an email to the WVDCH on 7/11/17 (copy filed on 9/22//17). The USFS forwarded the report to the WVDCH at an unknown date.

Table Q5-2

Cultural Resources Report Submittals for the Atlantic Coast Pipeline in Virginia					
Report	Report Submitted to SHPO	Report Filed with FERC	SHPO Comments on Report	SHPO Comments Filed with FERC	Notes
Archaeological Survey, Testing, and Treatment Reports					
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, Virginia Components (Season 1)	6/23/15	9/18/15	7/31/15	7/27/17	Combined with the Phase I Archaeological Survey of the Atlantic Coast Pipeline Project, Virginia Components, Seasons 1 and 2. The comment letter from VDHR inadvertently was omitted from previous filings.
Phase I Archaeological Survey of the Atlantic Coast Pipeline, Virginia (Seasons 1 & 2)	9/14/15	9/18/15	12/29/15	1/29/16	
Report Revision 1	4/6/16	4/15/16	2/1/17	2/24/17	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, Virginia, Addendum 1	3/16/16	3/24/16	1/31/17	2/14/17	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, Virginia, Addendum 2	7/27/16	7/29/16	2/2/17	2/24/17	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, Virginia, Addendum 3	9/29/16	9/30/16	2/3/17	2/24/17	
Phase I Geoarchaeological and Geomorphological Survey of Five Valley Crossings of the Atlantic Coast Pipeline Corridor, Virginia	1/9/17	1/10/17	Sep 17	Sep 17	
Phase II Investigations for the Atlantic Coast Pipeline Project: Virginia, Sites 44AU0873, 44AU0907, 44NT0302, 44SN0304, and 44SN0305	1/9/17	1/10/17	9/27/17	9/27/17	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, Virginia, Addendum 4	2/21/17	2/24/17	6/9/17	7/28/17	
Phase II Investigations for the Atlantic Coast Pipeline Project: Virginia, Sites 44GV0386 and 44SN0308	3/24/17	3/24/17	Sep 17	Sep 17	
Phase II Investigations for the Atlantic Coast Pipeline Project: Virginia, Sites 44AU0924 and 44BR0349	4/26/17	5/5/17	Sep 17	Sep 17	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, Virginia, Addendum 5	5/10/17	5/12/17	7/7/17	7/28/17	
Phase II Investigations for the Atlantic Coast Pipeline Project: Virginia, Sites 44CS0329, 44SN0312, 44SN0342, 44SN0384, and 44SN0385	5/10/17	5/12/17	Sep 17	Sep 17	
Phase II Investigations for the Atlantic Coast Pipeline Project: Virginia, Sites 44AU0024, 44CS0346, 44GV0388, 44SK0080/0608, and 44SK612	5/25/17	5/26/17	Sep 17	Sep 17	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, Virginia Addendum 6	7/19/17	7/28/17	8/30/17	9/22/17	
Atlantic Coast Pipeline Project, Virginia, Archaeological Site Avoidance Plans and Data Recovery Research Design	7/31/17	7/31/17	Sep 17	Sep 17	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, Virginia Addendum 7	9/27/17	9/27/17	Oct 17	Oct 17	

Table Q5-2 (continued)

Cultural Resources Report Submittals for the Atlantic Coast Pipeline in Virginia					
Report	Report Submitted to SHPO	Report Filed with FERC	SHPO Comments on Report	SHPO Comments Filed with FERC	Notes
Architectural Survey and Assessment of Effects Reports					
Architectural Reconnaissance Survey of the Atlantic Coast Pipeline Corridor, Highland, Augusta, Nelson, Buckingham, Cumberland, Prince Edward, Nottoway, Dinwiddie, Brunswick, Greensville, and Southampton Counties and the Cities of Suffolk and Chesapeake, Virginia	9/14/15	9/18/15	11/2/15	11/13/15	
Report Revision 1	4/14/16	4/15/16	5/6/16	6/17/16	
Addendum, Architectural Reconnaissance Survey of the Atlantic Coast Pipeline Corridor, Highland, Augusta, Rockbridge, Nelson, Buckingham, Cumberland, Prince Edward, Nottoway, Dinwiddie, Brunswick, and Southampton Counties and the Cities of Franklin, Suffolk and Chesapeake, Virginia	3/14/16	3/24/16	5/6/16	6/17/16	
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia, Addendum 2	10/11/16	10/17/16	3/22/17	5/5/17	
Report Revision 1	4/7/17	5/12/17	5/26/17	7/28/17	
Report Revision 2	6/28/17	7/28/17	7/30/17	8/4/17	
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia, Addendum 3	10/11/16	10/17/16	3/24/17	5/5/17	
Report Revision 1	5/3/17	5/12/17	6/14/17	7/28/17	
Report Revision 2	7/27/17	7/28/17	8/8/17	8/11/17	
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia, Addendum 4	1/9/17	1/10/17	4/6/17	5/5/17	
Report Revision 1	5/10/17	5/12/17	6/14/17	7/28/17	
Report Revision 2	7/14/17	7/28/17	8/1/17	8/4/17	
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia Addendum 5	3/24/17	3/24/17	6/30/17	8/4/17	
Report Revision 1	7/11/17	7/28/17	8/1/17	8/4/17	
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia Addendum 6	5/24/17	5/26/17	7/31/17	8/4/17	
Initial Assessment of Potential Effects for Architectural Resources, Atlantic Coast Pipeline Project, Resources Not Affected Due to Topography and Screening	7/11/17	7/28/17	8/8/17	8/11/17	
Report Revision 1	Sep 17	Sep 17	Oct 17	Oct 17	This report is pending.
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia Assessment of Effects Report	7/27/17	7/28/17	9/11/17	9/22/17	Revisions to seven figures from this report were provided to VDHR with a letter dated August 9, 2017.
Report Revision 1	Sep 17	Sep 17	Oct 17	Oct 17	This report is pending.
Atlantic Coast Pipeline Project, Virginia, Treatment Plan for Historic Properties	Oct 17	Oct 17	Nov 17	Nov 2017	This report is pending.
Cemetery Delineation and Treatment Reports					
Atlantic Coast Pipeline Project, Buckingham, Greensville, Nelson, Nottoway, Suffolk, and Southampton Counties, Virginia, Historic Cemetery Delineation Report	1/9/17	1/10/17	Sep 17	Sep 17	

Table Q5-2 (continued)

Cultural Resources Report Submittals for the Atlantic Coast Pipeline in Virginia					
Report	Report Submitted to SHPO	Report Filed with FERC	SHPO Comments on Report	SHPO Comments Filed with FERC	Notes
Atlantic Coast Pipeline Project, Buckingham, Greensville, Nelson, Nottoway, Suffolk, and Southampton Counties, Virginia, Historic Cemetery Protective Treatment Plan	7/18/17	7/28/17	Sep 17	Sep 17	
National Park Service Survey Reports					
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, Blue Ridge Parkway	Unknown	7/29/16	8/24/17	9/27/17	Atlantic provided this report to the NPS on 7/27/16. The NPS concurred with the report in a letter to Atlantic dated 8/30/16 (copy filed on 9/15/16). The NPS forwarded the report to the VDHR at an unknown date. The NPS forwarded comments on the report from the VDHR on 8/24/17 (copy filed on 9/27/17).
Report Revision 1	Sep 17	Sep 17	Oct 17	Oct 17	This report is pending.
George Washington National Forest Survey Reports					
Management Summary, Phase I Cultural Resources Investigation, Atlantic Coast Pipeline Project, George Washington National Forest, Augusta, Bath, and Highland Counties, Virginia	Unknown	8/15/16			Atlantic provided this report to the USFS on 8/4/16.
Phase I Cultural Resources Investigation, Atlantic Coast Pipeline Project, George Washington National Forest, Augusta, Bath, and Highland Counties, Virginia	Unknown	8/18/16			Atlantic provided this report to the USFS on 8/16/16. The USFS commented on the report in an email to Atlantic on 8/15/16 (copy filed on 5/1/17).
Report Revision 1	Unknown	9/27/17	4/28/17	5/5/17	Atlantic provided this report to the USFS on 9/7/16. The USFS forwarded the report to the VDHR at an unknown date.
Phase II Archaeological Testing at Sites 44AU0780, 44AU0781, 44AU0914, 44AU0915, 44AU0917, and 44AU0918, Atlantic Coast Pipeline Project, George Washington National Forest, Augusta County, Virginia	Unknown	1/27/17			Atlantic provided this report to the USFS on 1/26/17. The USFS commented on the report in an email to Atlantic on 3/31/17 (copy filed on 9/27/17).
Report Revision 1	Unknown	9/27/17	Oct 17	Oct 17	This report is pending.
Addendum I, Atlantic Coast Pipeline Project, Phase I Cultural Resources Investigation of the Fort Lewis Area and Additional Access Roads, George Washington National Forest, Augusta, Bath, and Highland Counties, Virginia	Unknown	5/26/17	Oct 17	Oct 17	Atlantic provided this report to the USFS on 5/24/17. Comments from the USFS are pending.

Table Q5-3

Cultural Resources Report Submittals for the Atlantic Coast Pipeline in North Carolina					
Report	Report Submitted to SHPO	Report Filed with FERC	SHPO Comments on Report	SHPO Comments Filed with FERC	Notes
Archaeological Survey, Testing, and Treatment Reports					
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, North Carolina Components	9/14/15	9/18/15	10/27/15	11/13/15	
Report Revision 1	4/6/16	4/15/16	5/24/16	7/1/16	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, North Carolina, Addendum 1	3/16/16	3/24/16	5/2/16	1/27/16	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, North Carolina, Addendum 2	7/27/16	7/29/16	9/26/16	9/30/16	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project; North Carolina, Addendum 3	9/29/16	9/30/16	11/22/16	1/10/17	
Phase II Investigations for the Atlantic Coast Pipeline Project: North Carolina, Sites 31NP0391, 31NP0392, 31NS0147, 31NS0169, and 31RB0534	1/9/17	1/10/17	3/17/17	3/24/17	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, North Carolina Addendum 4	2/24/17	2/24/17	5/5/17	7/28/17	
Phase II Investigations for the Atlantic Coast Pipeline Project: North Carolina, Sites 31CD2018, 31CD2055, 31CD2093, 31CD2099, and 31CD2109	3/24/17	3/24/17	6/2/17	7/28/17	
Phase II Investigations for the Atlantic Coast Pipeline Project: North Carolina, Sites 31CD2020, 31CD2094, 31CD2100, 31CD2106, 31CD2107, 31CD2122, 31JT483, and 31JT484	4/26/17	5/5/17	9/11/17	9/22/17	
Phase II Investigations for the Atlantic Coast Pipeline Project: North Carolina, Sites 31CD2112, 31CD2120, 31CD2124, 31HX307, 31JT487, 31JT491, and 31WL351	5/10/17	5/12/17	7/7/17	8/4/17	
Phase II Investigations for the Atlantic Coast Pipeline Project: North Carolina, Sites 31CD2019 and 31JT423	5/24/17	5/26/17	8/22/17	9/8/17	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, North Carolina Addendum 5	7/11/17	7/28/17	Sep 17	Sep 17	
Phase II Investigations for the Atlantic Coast Pipeline Project: North Carolina, Sites 31NS156, 31RB524, and 31WL374	7/25/17	7/28/17	Sep 17	Sep 17	
Atlantic Coast Pipeline Project, North Carolina, Archaeological Site Avoidance Plans and Data Recovery Research Designs	7/25/17	7/28/17	Sep 17	Sep 17	
Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, North Carolina Addendum 6	9/27/17	9/27/17	Oct 17	Oct 17	
Architectural Survey Reports					
Architectural Reconnaissance Survey of the Atlantic Coast Pipeline Project Corridor, Northampton, Halifax, Nash, Wilson, Johnston, Sampson, Cumberland, and Robeson Counties, North Carolina	9/14/15	9/18/15	10/20/15	10/30/15	Comments from the NCDNCR are addressed in subsequent reports.
Report Revision 1	4/14/16	5/13/16	5/24/16	6/17/16	Comments from the NCDNCR are addressed in subsequent reports.
Addendum, Architectural Reconnaissance Survey of the Atlantic Coast Pipeline Corridor, Northampton, Halifax, Nash, Wilson, Johnston, Sampson, Cumberland, and Robeson Counties, North Carolina	3/14/16	3/24/16	5/2/16	5/13/16	Comments from the NCDNCR are addressed in subsequent reports.

Table Q5-3 (continued)

Table Q5-3 (continued)					
Cultural Resources Report Submittals for the Atlantic Coast Pipeline in North Carolina					
Report	Report Submitted to SHPO	Report Filed with FERC	SHPO Comments on Report	SHPO Comments Filed with FERC	Notes
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, North Carolina, Addendum 2	10/11/16	10/17/16	12/12/16	1/10/17	Atlantic provided the NCDNCR updated findings for this report in a letter dated 4/25/17 (copy filed on 5/5/17). The NCDNCR concurred with the updated findings in a letter to Atlantic dated 6/2/17 (copy filed on 7/28/17). Atlantic provided the NCDNCR updated findings for this report in a letter dated 4/25/17 (copy filed on 5/5/17). The NCDNCR concurred with the updated findings in a letter to Atlantic dated 6/2/17 (copy filed on 7/28/17). The NCDNCR commented on this report in a meeting with Atlantic on 3/24/17; Atlantic filed the meeting minutes on 5/5/17.
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, North Carolina, Addendum 3	1/9/17	1/10/17	2/6/17	7/28/17	
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, North Carolina Addendum 4	3/24/17	3/24/17	3/24/17	5/5/17	
Report Revision 1	4/25/17	5/12/17	6/2/17	7/28/17	
Report Revision 2	6/28/17	7/28/17	Sep 17	Sep 17	
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, North Carolina Addendum 5	6/28/17	7/28/17	Sep 17	Sep 17	
Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, North Carolina Assessment of Effects	7/27/17	7/28/27	9/26/17	9/27/17	
Cemetery Delineation and Treatment Reports					
Atlantic Coast Pipeline Project, Cumberland, Johnston, Nash, and Robeson Counties, North Carolina, Historic Cemetery Delineation Report	1/9/17	1/10/17	3/20/17	3/24/17	
Atlantic Coast Pipeline Project, Cumberland, Johnston, Nash, and Robeson Counties, North Carolina, Historic Cemetery Protective Treatment Plan	7/18/17	7/28/17	Sep 17	Sep 17	

Table Q5-4

Cultural Resources Report Submittals for the Supply Header Project in West Virginia					
Report	Report Submitted to SHPO	Report Filed with FERC	SHPO Comments on Report	SHPO Comments Filed with FERC	Notes
Cultural Resources (Archaeological and Architectural) Survey, Testing and Treatment Reports					
Supply Header Project, Wetzel, Tyler, Doddridge, Harrison, and Ritchie Counties, West Virginia: Phase I Cultural Resources Report	9/14/15	9/18/15	2/10/16, 4/18/16	3/24/16, 5/13/16	
Report Revision 1	1/26/17	2/24/17	3/1/17	3/10/17	
Supply Header Project, Wetzel, Tyler, Doddridge, Harrison, and Ritchie Counties, West Virginia: Phase I Cultural Resources Report, Addendum 1	9/29/16	9/30/16	10/31/16	11/16/16	
Phase II Investigations for the Supply Header Project: Site 46DO89, Doddridge County, West Virginia	3/7/17	3/10/17	4/13/17	5/5/17	
Supply Header Project, Wetzel, Tyler, Doddridge, Harrison, and Ritchie Counties, West Virginia: Phase I Cultural Resources Report, Addendum 2	7/24/17	7/28/17	8/17/17	9/8/17	
Supply Header Project, Data Recovery Research Design	7/25/17	7/28/17	8/22/17	9/8/17	

Table Q5-5

Cultural Resources Report Submittals for the Supply Header Project in Pennsylvania					
Report	Report Submitted to SHPO	Report Filed with FERC	SHPO Comments on Report	SHPO Comments Filed with FERC	Notes
Archaeological Survey and Testing Reports					
Phase I Archaeological Survey for the Supply Header Project, Pennsylvania Components	9/14/15	9/18/15	10/5/15	1/29/16	
Report Revision 1	4/5/16	4/15/16	5/10/16	9/1/16	
Phase I Archaeological Survey for the Supply Header Project, Pennsylvania, Addendum 1	1/9/17	1/10/17	2/15/17	2/24/17	
Phase I Archaeological Survey for the Supply Header Project, Pennsylvania, Addendum 2	7/24/17	7/28/17	8/22/17	9/8/17	
Architectural Survey Report					
Architectural Reconnaissance Survey of the Supply Header Project Corridor, Pennsylvania	9/14/15	9/18/15	10/30/15	11/13/15	Comments from the PBHB are addressed in the addendum report.
Report Revision 1	3/14/16	3/24/16	4/29/16	5/13/16	
Addendum, Architectural Reconnaissance Survey of the Supply Header Corridor, Pennsylvania	3/14/16	3/24/16	4/29/16	5/13/16	
Report Revision 1	6/3/16	7/1/16	7/19/16	1/27/17	