

Station	Type	Comments
556+65	SAND	
558+16	SAND	
559+66	SAND	
560+63	SAND	
562+30	BENTONITE	
563+35	BENTONITE	
571+00	BENTONITE	
582+92	BENTONITE	
584+80	BENTONITE	
585+25	BENTONITE	
586+21	BENTONITE	
587+27	BENTONITE	
588+37	BENTONITE	
588+78	BENTONITE	
589+18	SAND	
590+00	BENTONITE	
590+39	BENTONITE	
591+87	SAND	
594+06	BENTONITE	
594+97	BENTONITE	
616+31	SAND	
617+76	SAND	
619+31	SAND	
620+81	SAND	
622+31	SAND	
623+79	SAND	
625+30	SAND	
626+80	SAND	
628+30	SAND	
629+81	SAND	
631+26	BENTONITE	
631+55	BENTONITE	
632+81	SAND	
634+30	SAND	
635+81	SAND	
637+31	SAND	
638+81	SAND	
640+57	SAND	
640+94	SAND	
641+95	SAND	
642+93	SAND	
643+94	SAND	
644+94	SAND	
646+17	SAND	
647+66	SAND	
649+17	SAND	
651+07	SAND	
652+52	BENTONITE	
653+16	BENTONITE	
654+84	SAND	
660+29	SAND	
661+29	SAND	
662+30	SAND	
683+77	SAND	
685+27	SAND	
686+78	SAND	
688+28	SAND	
689+79	SAND	
691+29	SAND	
692+77	SAND	
694+29	SAND	
695+77	SAND	
697+27	SAND	
698+78	SAND	
700+28	SAND	
701+78	SAND	
703+27	SAND	
704+27	SAND	
706+20	BENTONITE	
707+00	BENTONITE	
707+91	SAND	
709+27	SAND	
710+32	SAND	
726+82	BENTONITE	
728+11	BENTONITE	
731+39	SAND	
753+49	BENTONITE	
754+68	BENTONITE	
763+13	SAND	
765+50	BENTONITE	

Station	Type	Comments
766+70	BENTONITE	
779+19	BENTONITE	
780+18	BENTONITE	
787+68	SAND	
799+53	BENTONITE	
799+86	BENTONITE	
800+91	SAND	
802+40	SAND	
803+91	SAND	
805+41	SAND	
806+34	SAND	
810+67	SAND	
811+47	SAND	
812+25	SAND	
813+06	SAND	
813+86	SAND	
814+83	SAND	
815+41	SAND	
816+26	SAND	
832+77	BENTONITE	
833+64	BENTONITE	
838+50	BENTONITE	
840+36	BENTONITE	
843+67	BENTONITE	
844+20	BENTONITE	
854+78	BENTONITE	
855+66	BENTONITE	
866+91	SAND	
870+39	SAND	
871+95	SAND	
878+41	SAND	
879+93	SAND	
881+42	SAND	
882+92	SAND	
884+41	SAND	
885+90	SAND	
887+42	SAND	
888+96	SAND	
890+49	SAND	
893+44	SAND	
894+93	SAND	
896+45	SAND	
898+05	SAND	
899+56	SAND	
901+04	SAND	
902+55	BENTONITE	
905+65	BENTONITE	
945+26	SAND	
946+79	SAND	
948+29	SAND	
949+81	SAND	
951+30	SAND	
952+78	SAND	
955+18	SAND	
956+00	SAND	
957+03	SAND	
958+04	SAND	
959+01	SAND	
960+05	SAND	
961+02	SAND	
995+65	BENTONITE	
1004+23	BENTONITE	
1005+00	BENTONITE	
1014+16	BENTONITE	
1023+10	BENTONITE	
1078+51	BENTONITE	
1080+19	BENTONITE	
1087+77	BENTONITE	
1088+03	BENTONITE	
1100+77	BENTONITE	
1101+68	BENTONITE	
1102+05	BENTONITE	
1103+05	BENTONITE	
1103+88	SAND	
1104+68	SAND	
1105+50	SAND	
1106+30	SAND	
1107+14	SAND	
1107+91	SAND	
1108+70	SAND	

Station	Type	Comments
1109+50	SAND	
1110+32	SAND	
1111+14	SAND	
1111+92	SAND	
1112+71	SAND	
1113+22	SAND	
1114+02	SAND	
1114+82	SAND	
1116+37	BENTONITE	
1118+41	BENTONITE	
1119+95	SAND	
1121+44	SAND	
1122+93	SAND	
1124+44	SAND	
1124+89	SAND	
1126+58	SAND	
1128+12	SAND	
1129+08	SAND	
1130+59	SAND	
1131+70	SAND	
1135+40	SAND	
1136+43	SAND	
1137+41	SAND	
1138+40	SAND	
1139+39	SAND	
1140+40	SAND	
1141+41	SAND	
1142+41	SAND	
1143+55	BENTONITE	
1143+85	BENTONITE	
1149+73	SAND	
1150+57	SAND	
1158+77	SAND	
1159+93	SAND	
1161+19	SAND	
1162+42	SAND	
1163+68	SAND	
1164+93	SAND	
1166+20	SAND	
1167+12	SAND	
1180+41	BENTONITE	
1184+61	SAND	
1185+86	SAND	
1188+55	SAND	
1189+97	SAND	
1191+49	SAND	
1192+98	SAND	
1222+24	SAND	
1223+70	SAND	
1225+21	SAND	
1226+68	SAND	
1227+82	SAND	
1233+97	BENTONITE	
1234+25	BENTONITE	
1238+67	BENTONITE	
1240+03	BENTONITE	
1243+93	BENTONITE	
1246+28	BENTONITE	
1247+72	BENTONITE	
1249+97	BENTONITE	
1258+54	BENTONITE	
1260+25	BENTONITE	
1263+17	BENTONITE	
1263+93	BENTONITE	
1271+13	BENTONITE	
1271+45	BENTONITE	
1288+00	BENTONITE	
1288+29	BENTONITE	
1297+30	BENTONITE	
1301+00	BENTONITE	
1301+77	BENTONITE	
1302+70	BENTONITE	
1303+78	BENTONITE	
1306+46	BENTONITE	
1307+81	BENTONITE	
1308+77	BENTONITE	
1310+74	BENTONITE	
1313+38	BENTONITE	
1314+20	BENTONITE	
1314+92	BENTONITE	

ELEVATION DATA IS SPORADIC IN THIS LOCATION. VGS CONSTRUCTION MANAGEMENT TO DETERMINE LOCATION OF SAND TRENCH BREAKERS IN FIELD.

Station	Type	Comments
1356+97	BENTONITE	
1357+42	BENTONITE	
1359+49	BENTONITE	
1360+35	BENTONITE	
1372+82	SAND	
1374+31	SAND	
1380+74	SAND	
1381+62	SAND	
1382+54	SAND	
1383+45	SAND	
1384+33	SAND	
1385+45	SAND	
1386+93	SAND	
1388+41	SAND	
1389+94	SAND	
1391+45	SAND	
1392+93	SAND	
1394+59	SAND	
1395+56	SAND	
1396+62	SAND	
1398+16	BENTONITE	
1399+18	BENTONITE	
1399+93	SAND	
1402+65	SAND	
1403+90	SAND	
1405+15	SAND	
1405+71	BENTONITE	
1405+95	BENTONITE	
1406+30	SAND	
1406+82	SAND	
1407+62	SAND	
1408+41	SAND	
1409+20	SAND	
1410+05	SAND	
1410+79	SAND	
1411+60	SAND	
1412+43	SAND	
1413+21	SAND	
1414+01	SAND	
1414+85	SAND	
1415+64	SAND	
1416+25	SAND	
1417+78	SAND	
1418+08	SAND	
1418+93	SAND	
1419+86	SAND	
1420+75	SAND	
1421+68	SAND	
1422+56	SAND	
1423+43	SAND	
1424+36	SAND	
1425+27	SAND	
1426+14	SAND	
1427+07	SAND	
1427+96	SAND	
1428+85	SAND	
1429+64	BENTONITE	
1433+85	BENTONITE	
1436+41	BENTONITE	
1439+00-1463+00		ELEVATION DATA IS SPORADIC IN THIS LOCATION. VGS CONSTRUCTION MANAGEMENT TO DETERMINE LOCATION OF SAND TRENCH BREAKERS IN FIELD.
1472+42	BENTONITE	
1473+74	BENTONITE	
1503+85	BENTONITE	
1506+89	BENTONITE	
1536+26	BENTONITE	
1537+46	BENTONITE	
1538+20	SAND	
1539+73	SAND	
1541+20	SAND	
1541+95	SAND	
1544+02	SAND	
1545+51	SAND	
1547+05	SAND	
1548+52	SAND	
1549+35	SAND	
1550+87	SAND	
1552+35	SAND	
1553+86	SAND	
1555+35	SAND	

ELEVATION DATA IS SPORADIC IN THIS LOCATION. VGS CONSTRUCTION MANAGEMENT TO DETERMINE LOCATION OF SAND TRENCH BREAKERS IN FIELD.

1 TRENCH BREAKER LOCATION

N.T.S.

SOURCE: CHA

05/2016

NOTE: THE FOLLOWING APPROXIMATE STATIONS ARE THE MINIMUM LOCATIONS FOR BOTH SAND AND BENTONITE TRENCH BREAKERS FOR SEGMENT 2 & 3 OF THE ADDISON NATURAL GAS PROJECT. THIS LIST WAS CREATED USING INFORMATION FROM DETAILS #2 AND #5 ON DRAWING ANGP-T-G-015 REV. 2 FROM THE PLAN SET TITLED "ADDISON NATURAL GAS PROJECT TRANSMISSION MAINLINE" DATED 04-02-15. THE CONSTRUCTION MANAGEMENT TEAM/INSPECTORS SHOULD REVIEW ACTUAL FIELD CONDITIONS AND DIRECT THE CONTRACTOR TO INSTALL ADDITIONAL TRENCH BREAKERS AS NECESSARY TO SUPPLEMENT THE LISTED AREAS.

DWG. NO.	REFERENCE DWG.	REV	DSN	BCK	CK	DESCRIPTION	ENVIRONMENTAL	JLS	06/28/13	BID	JLS	05/2016	CONSTRUCTION	JLS	05/2016	VERMONT GAS PROPOSED 12" PIPELINE ADDISON NATURAL GAS PROJECT CONSTRUCTION DETAILS	LOC.	CHITTENDEN & ADDISON COUNTIES	YEAR:	2016	W.O.	SCALE:	NOTED	DWG.	ANGP-T-G-020B	REV.	1
		1	GJM	BCK		IFC PLAN EDITS (05/2016)	DRAFTING DESIGNER	GIL	06/28/13		GJM	05/2016		BCK	05/2016												
							DRAFTING SUPERVISOR	BZD	06/28/13		GEW	05/2016		JEQ	05/2016												
							DESIGN ENGINEER	MDF	06/28/13																		
							DESIGN MANAGER	SAB	06/28/13																		



Station	Type	Comments
1579+24	BENTONITE	
1579+89	BENTONITE	
1581+19	BENTONITE	
1581+45	BENTONITE	
1601+39	BENTONITE	
1610+06	BENTONITE	
1633+54	BENTONITE	
1635+00	BENTONITE	
1640+39	BENTONITE	
1667+50	BENTONITE	
1669+58	BENTONITE	
1670+48	BENTONITE	
1680+37	BENTONITE	
1680+71	BENTONITE	
1685+24	BENTONITE	
1685+61	BENTONITE	
1719+44	BENTONITE	
1720+47	SAND	
1721+33	BENTONITE	
1722+07	SAND	
1722+86	SAND	
1723+67	SAND	
1724+48	SAND	
1725+29	SAND	
1726+10	SAND	
1726+86	SAND	
1775+00	BENTONITE	
1776+08	BENTONITE	
1778+63	BENTONITE	
1779+70	BENTONITE	
1781+32	BENTONITE	
1782+58	BENTONITE	
1786+17	BENTONITE	
1787+25	BENTONITE	
1793+44	BENTONITE	
1794+12	BENTONITE	
1846+53	SAND	
1847+97	SAND	
1849+50	SAND	
1851+02	SAND	
1852+26	BENTONITE	
1852+79	BENTONITE	
1854+01	SAND	
1855+52	SAND	
1857+01	SAND	
1863+63	SAND	
1864+40	BENTONITE	
1864+56	BENTONITE	
1865+10	SAND	
1868+50	SAND	
1869+29	SAND	
1871+64	BENTONITE	
1872+00	BENTONITE	
1884+00-1919+29		ELEVATION DATA IS SPORADIC IN THIS LOCATION. VGS CONSTRUCTION MANAGEMENT TO DETERMINE LOCATION OF SAND TRENCH BREAKERS IN FIELD.
1917+27	BENTONITE	
1923+24	BENTONITE	
1928+39	BENTONITE	
1965+95	BENTONITE	
1971+79	BENTONITE	
1973+50	BENTONITE	
1998+48	SAND	
1999+22	SAND	
2001+41	SAND	
2002+92	SAND	
2004+39	SAND	
2005+85	BENTONITE	
2006+22	BENTONITE	
2009+41	BENTONITE	
2010+30	BENTONITE	
2010+98	SAND	
2012+51	SAND	
2014+06	SAND	
2015+53	SAND	
2017+06	SAND	
2018+55	SAND	
2058+50	BENTONITE	
2058+75	BENTONITE	
2068+30	BENTONITE	

Station	Type	Comments
2069+16	BENTONITE	
2070+23	BENTONITE	
2072+87	BENTONITE	
2091+82	BENTONITE	
2092+18	BENTONITE	
2096+25	BENTONITE	
2096+48	SAND	
2096+67	BENTONITE	
2097+93	SAND	
2099+44	SAND	
2100+90	SAND	
2102+46	SAND	
2103+94	SAND	
2105+43	SAND	
2106+96	SAND	
2108+43	SAND	
2109+14	BENTONITE	
2109+39	BENTONITE	
2109+93	SAND	
2111+42	SAND	
2113+00	BENTONITE	
2113+24	BENTONITE	
2120+77	BENTONITE	
2121+38	BENTONITE	
2142+22	BENTONITE	
2144+64	BENTONITE	
2162+30	BENTONITE	
2162+48	BENTONITE	
2174+62	SAND	

ELEVATION DATA IS SPORADIC IN THIS LOCATION. VGS CONSTRUCTION MANAGEMENT TO DETERMINE LOCATION OF SAND TRENCH BREAKERS IN FIELD.

1 TRENCH BREAKER LOCATION 05/2016
 N.T.S. SOURCE: CHA

NOTE: THE FOLLOWING APPROXIMATE STATIONS ARE THE MINIMUM LOCATIONS FOR BOTH SAND AND BENTONITE TRENCH BREAKERS FOR SEGMENT 2 & 3 OF THE ADDISON NATURAL GAS PROJECT. THIS LIST WAS CREATED USING INFORMATION FROM DETAILS #2 AND #5 ON DRAWING ANGP-T-G-015 REV. 2 FROM THE PLAN SET TITLED "ADDISON NATURAL GAS PROJECT TRANSMISSION MAINLINE" DATED 04-02-15. THE CONSTRUCTION MANAGEMENT TEAM/INSPECTORS SHOULD REVIEW ACTUAL FIELD CONDITIONS AND DIRECT THE CONTRACTOR TO INSTALL ADDITIONAL TRENCH BREAKERS AS NECESSARY TO SUPPLEMENT THE LISTED AREAS.

											VERMONT GAS PROPOSED 12" PIPELINE ADDISON NATURAL GAS PROJECT CONSTRUCTION DETAILS																					
											<small>38 Eastwood Drive, Suite 105 South Burlington, VT 05403 Main: (802) 735-0372 - www.chacompanies.com</small>																					
DWG. NO.	REFERENCE DWG.	REV	DSN	CK	DESCRIPTION												INITIALS	DATE	INITIALS	DATE	YEAR:	W.O.	SCALE:	NOTED	DWG.	ANGP-T-G-020C	REV.	1				
		1	GJM	BCK	IFC PLAN EDITS (05/2016)																2016											
											<small>ENVIRONMENTAL JLS 06/28/13 DRAFTING DESIGNER GIL 06/28/13 DRAFTING SUPERVISOR BZD 06/28/13 DESIGN ENGINEER MDF 06/28/13 DESIGN MANAGER SAB 06/28/13</small>											<small>CONSTRUCTION JLS 05/2016 GJM 05/2016 BCK 05/2016 GEW 05/2016 JEO 05/2016</small>										