

Attachment 1
Response to Comment #9

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HMM ID	Change Request No.	Pipeline Segment	Status	Description of Change	Reroute Length (ft)
28	02-FRA-0425.00-01	MA Mainline	Not Incorporated	South of Miller Falls, the route was changes to the west end of the utility corridor to avoid existing house North of Millers Falls, the original route was in conflict with existing infrastructure (includes: large power lines, electric generation plant, Tailrace Tunnel entrance, and existing structures) and would require substantial tree clearing.	11,232
30	04-WOR-0035.00-01	Fitchburg Lateral Extension	Not Incorporated	Avoids tree clearing, property owner, rock wall, culvert, electrical box, overhead power lines. It was determined that an HDD will likely be required.	2,515
47	02-BER-0176.00-01	MA Mainline	Approved	Proposed route change to the North of the power lines (HWY 9/Power line Corridor)	1,881
48	02-HAM-0222.00-01	MA Mainline	Approved	Proposed route change to the south of the power lines to avoid cell tower. Cell Tower/Land Impact. Minimize tree clearing near hedge.	3,037
53	02-FRA-0262.00-01	MA Mainline	Approved	Proposed reroute to the north side of power lines (Bears Swamp Road). HDD Location	1,848
59	02-WOR-0606.00-01	MA Mainline	N/A	Proposed reroute to avoid power poles and towers.	2,729
63	02-MID-0789.00-01	MA Mainline	N/A	Landowner Request: Proposed route change to avoid subdivision (Pheasant Ridge Sub/Land Impact). Shorter route and avoids two power line crossovers.	2,069
122	02-FRA-0424.00-01	MA Mainline	Not Incorporated	Proposed reroute to move to the North side of the power lines to avoid structure close to power line ROW. And on the West side is a better pull back area (very steep hills on east side).	13,774
158	01-REN-1939.00-01	East NY Mainline	N/A	Proposed reroute avoids landowner's trees, power pole and driveway. Also issues with workspace along Hanley Road. NOTE: The reroute also avoids 2 additional properties.	4,521
163	08-ESS-0019.00-02	Lynnfield Lateral	Not Incorporated	There are several issues at River Road, Substation and existing pipeline on the East side of the R/W. This route would need to be located inside the existing power line easement. Andover Street there is a hotel on the East side of the power lines. (1) North Street there is a community Park on the East side. (2) North Street there is Town homes and apartments on the south side. There is no room to co-locate with the existing pipeline in this area. Lancaster Drive there is a single line of poles that would move you out further into the houses on the East side of the R/W. Carter Street the existing line runs with the power lines. The new line would be in front of business. There is no room to collocate with existing line South of East street would need to lay inside the power line easement. The section south of Shawsheen Street Would all be road work in front of the houses and down the middle of the road. Need to be laid inside the power line easement. Ballardvale Street this area will need to be laid in the power line easement due to close proximity of the buildings.	78,269
164	08-ESS-0019.00-03	Lynnfield Lateral	Not Incorporated	No room to collocate thru Merrimack Meadows. We would need to relocate to the west of the subdivision. South of Andover street would need to reduce down workspace due to church. Also there's a bad wetland South of Andover Street. There's also a tight space South of Hwy 495 at Trull Road. The area that parallel's the railroad tracks is very wet. East of the substation would need to be laid in the easement with the power lines.	58,655
171	02-BER-0021.00-01	MA Mainline	N/A	Proposed reroute to the North to avoid power poles and culverts at road crossing. Also to avoid removal of trees and fence line on property line to the south. Swamp Road/Avoid power poles and culverts.	15,090
205	04-WOR-0035.00-02	Fitchburg Lateral Extension	Approved	Adjusted route to the other side of powerline ROW, for a straight length of HDD. Stay on the outside edge of powerline easement instead of being in the center. Go below electrical utility equipment.	1,000
206	01-REN-XXXX.XX-01	East NY Mainline	Approved	Reduces two (2) crossovers with powerline. Need to field verify location of guy-wires for the powerline tower.	1,480
208	01-ALB-1850.00-01	East NY Mainline	Approved	Change route to the edge of the powerline company's fee property.	14,350
209	01-REN-1891.00-01	East NY Mainline	N/A	The reroute is intended to move the pipeline out of the power line ROW and onto TGP's ROW. The original route would require building between powerlines and TGP lines. This section had been changed by survey. This route adds 2 crossovers.	4,110

HMM ID	Change Request No.	Pipeline Segment	Status	Description of Change	Reroute Length (ft)
218	01-REN-XXXX.XX-02	East NY Mainline	Approved	Switch Sides of the Powerline, to get away from a house.	5,220
225	11-BRA-0382.02-01	Loop 317-3	N/A	Avoid guy wire and power poles. Also avoid deep ravine in the area. This route avoids the meter station located to the North of existing pipelines. Requires two (2) crossovers.	1,500
226	11-BRA-0382.02-02	Loop 317-3	N/A	Avoid guy wire and power poles. Also avoid deep ravine in the area. This route would require the rerouting of small diameter pipe and outage of meter station to the North. Requires two (2) crossovers.	1,620
244	08-ESS-XXXX.XX-03	Lynnfield Lateral	Not Incorporated	Line change due to telephone pole, wetland and culvert.	1,215
267	01-REN-XXXX.XX-04	East NY Mainline	Pending	Segment F @ MP 47.20: Relocate proposed pipeline to the south of power company ROW to avoid fiber optic line on north side of ROW. The problem here is that the ROW travel lane will be on top of Fiber Optic line. No additional landowners impacted. Both preferred route and reroute to be fully co-located with existing National Grid powerline ROW. NOTE: North side of powerline is Fiber line, south side of powerline is stream and wetlands.	9,535
272	18-HIL-0256.00-01	NH Mainline	Not Incorporated	Segment J @ MP 8.20: May need to adjust such that proposed line is placed between high tension line. No additional landowners impacted. Both preferred route and reroute to be fully co-located with existing powerline easement.	2,500
273	18-HIL-0455.00-01	NH Mainline	Not Incorporated	Segment J @ MP 27.70: Possible line change onto power easement to bring line further away from houses which would provide for a tree line buffer. No additional landowners impacted. Both preferred route andreroute to be fully co-located with existing powerline easement.	3,230
285	18-HIL-0304.00-01	NH Mainline	Approved	Move line into power company easement.	6,825
287	14-DEL-XXXX.XX-03	West NY Mainline	N/A	Investigate poles and nearby wetland.	360
291	08-MID-0024.00-01	Lynnfield Lateral	N/A	Landowner Requested Reroute: Expressed discouragement against routing the line through their land in fear that it will reduce the value of their property. The proposed reroute brings the line further away from their house and routes it within the power easement.	445
298	18-CHE-0118.00-02	NH Mainline	Approved	Rather than routing in the middle of the power easement, the line should be routed on the Northern side of power easement to avoid a wetland.	4,580
300	12-BRA-XXXX.XX-02	Loop 319-3	Approved	MOC ID 12-BRA-XXXX.XX-01 was denied because the line encounters a power line structure. KM has requested a new MOC reroute that avoids the power line poles, eliminates a crossover by placing the trap on the north side of existing lines and paralleling existing lines with a 25' offset. The crossing of the existing lines will take place above ground.	2,160
303	08-MID-0024.00-02	Lynnfield Lateral	N/A	Landowner Requested Reroute: Locate line on south side of power line easement to bring line further away from landowner property. Square up with road at crossing and leave 100' for horizontal bore on each side	1,070
304	01-ALB-1868.00-01	East NY Mainline	Not Incorporated	Landowner Requested Reroute: Church has voiced their opposition of routing NED through their property as they wish to conserve the wooded land for many reasons outlined in a letter that was filed with FERC on March 18, 2015. Problems with reroute: following powerlines that consist of single poles with guy wire. This prevents ability to work beneath the powerlines. Reroute adds about 40 new landowners including an apartment complex and a hospital.	9,475
305	04-MID-0032.00-01	Fitchburg Lateral Extension	Pending	Small route adjustment to bring line into power line easement.	3,255
310	02-FRA-0321.00-01	MA Mainline	Approved	ROW limits for the existing WMEC powerline easement have been determined by survey. Reroute line with 5' offset from edge of easement.	40,945
320	18-ROC-0481.00-01	NH Mainline	Not Incorporated	Landowner Requested Reroute: Outlined in a letter filed with FERC, landowner expressed disapproval of the route being so close to her house and neighborhood siting that the easement would encroach on her house and reduce the value of her property. Landowner suggested a reroute that goes through adjacent farm property to the west side of the power easement.	1,945
361	13-SUS-0067.02-02	PA Mainline	Approved	Reroute Alternative 2 of 4: Landowner Requested Reroute: Reroute Alternative 2 of 4: This MOC is a revision to 13-SUS-0067.02-01. This option is meant to avoid a foreign pipeline crossing near a stream as well as power poles. This route will encounter a slight side slope.	2,210

HMM ID	Change Request No.	Pipeline Segment	Status	Description of Change	Reroute Length (ft)
369	18-HIL-0470.00-01	NH Mainline	Not Incorporated	Adjust crossover to avoid existing utility pole. [Achieved by another reroute]	215
372	18-CHE-0166.00-01	NH Mainline	Not Incorporated	Landowner Requested Reroute: Landowner requests that the proposed pipeline be routed within the existing power line fee property to avoid affecting his land any further.	3,125
373	01-HAM-0160.00-01	MA Mainline	Approved	Landowner Requested Reroute: Landowner has asked to move to the North side of the power line easement to avoid cutting the buffer from their future house location. Proposed Route adjustment will avoid wetland area with several streams and an old water well.	1,980
374	18-HIL-0455.00-02	NH Mainline	Approved	Reroute around existing utility poles. Pipe centerline needs to be 35' off of existing power transmission towers. The line will lay inside the power line easement with the work space under the large power line. If this can't be done the line will have to go around this area.	3,250
386	07-ESS-0048.00-01	Haverhill Lateral	Not Incorporated	Agency Requested Reroute: Town of Salem, NH (Alternative 1 of 2) suggested a route alternative to Haverhill Lateral that would require that the centerline parallel existing Maritimes Pipeline, Northeast Pipeline and HWY 213 and would almost completely avoid the Town of Salem. KM has conducted an analysis of this route alternative and has determined that it is not feasible due to many construction issues that would be encountered: congestion of buildings next to M & NP in the electrical corridor, houses/apartments built up to the electrical easement, crossing of a recreational park, underground utilities within the easement and rock ledges along HWY 213.	23,630
387	07-ESS-0048.00-02	Haverhill Lateral	Not Incorporated	Agency Requested Reroute: Town of Salem, NH (Alternative 2 of 2) suggested a route alternative to Haverhill Lateral that would require that the centerline parallel existing Maritimes Pipeline, Northeast Pipeline and HWY 213 and would almost completely avoid the Town of Salem. KM has conducted an analysis of this route alternative and has determined that it is not feasible due to many construction issues that would be encountered: congestion of buildings next to M & NP in the electrical corridor, houses/apartments built up to the electrical easement, crossing of a recreational park, underground utilities within the easement and rock ledges along HWY 213.	23,570
411	18-CHE-0126.01-01	NH Mainline	Approved	Landowner Requested Reroute (Option 1 of 2): Landowner submitted a reroute request to FERC and requested that the line be rerouted within the center of both existing Powerline corridors until the crossing of his parcel where the line would then crossover with existing powerlines and run along the northern edge of the powerline easement/ his parcel. The current route will encounter his underground drainage piping.	9,120
412	18-CHE-0126.01-02	NH Mainline	Not Incorporated	Landowner Requested Reroute (Option 2 of 2): Landowner suggested a second reroute option where the line would be routed within the center of the two existing powerline corridors through the crossing of his parcel.	8,825
414	02-FRA-0240.00-01	MA Mainline	Approved	Landowner Requested Reroute: Proposed reroute that will direct the mainline to the other side of the power lines. This will avoid landowner's future building plans as well as a steep side slope that will be an issue with the current preferred route. Also, the proposed area for the new mainline is land locked and the power lines are shorter.	6,780
420	01-REN-1976.00-01	East NY Mainline	Approved	Relocation of powerline crossover to a more ideal location. Reroute will enable the centerline to avoid a small pond which should reduce costs.	1,820
423	02-BER-0031.00-01	MA Mainline	Approved	Relocate crossover of powerlines further west to avoid constructing the crossover close to wetlands.	480
425	02-FRA-0224.00-01	MA Mainline	Approved	Relocate crossover to the west to avoid powerline structures. The crossover on the current preferred route will encounter a powerline pole.	730
429	18-CHE-0123.01-01	NH Mainline	Approved	Reroute to avoid a powerline pole that is currently located along the current preferred route. The powerline crossover was offset 70 feet west which should provide enough clearance for workspace to also avoid the pole.	835
431	02-FRA-0374.00-01	MA Mainline	Approved	Relocate crossover of powerlines further south. Current location of crossover is too close to a stream that is within the easement. The line was adjusted such that the nearby powerline poles will not be within the construction workspace.	320
432	18-CHE-0084.00-01	NH Mainline	Not Incorporated	Offset current preferred centerline route 30 feet or so to the south in this area to increase clearance of powerline poles.	1,485
437	02-MID-0429.00-01	MA Mainline	Approved	Reroute to avoid old 4" monitoring well. It was noted that there are some low-hanging overhead telephone lines to the east side of the road and that a power pole may need to be relocated.	470

HMM ID	Change Request No.	Pipeline Segment	Status	Description of Change	Reroute Length (ft)
438	15-MID-0005.00-01	Concord Delivery Line	N/A	Reroute to avoid guy wires that are supporting powerline towers. The guy wires will pose issues with the current routing of the line.	400
444	18-CHE-0083.00-01	NH Mainline	Approved	Reroute would eliminate the need for fittings by eliminating meandering and constructing the line between the multiple powerline structures within the powerline easement. This reroute has requires a powerline crossover at approximate MP 15.05. The line will then run along the northern edge of the powerlines and this will reduce the challenging construction that may be experienced with the current proposed route.	1,665
446	04-WOR-0084.00-01	Fitchburg Lateral Extension	Approved	Line adjustment to increase clearance from guy wires attached to a nearby powerline pole. This change was prompted upon a field visit.	775
453	01-ALB-1855.00-01	East NY Mainline	Approved	Potential reroute to avoid power poles that will be impacted by the workspace as it is currently laid out.	335
456	18-ROC-0478.00-01	NH Mainline	Not Incorporated	Slight reroute to get around wooden powerline poles that are just east of the Nesenkeag Brook. Current proposed route comes within 10 feet of the poles.	830
459	07-ESS-0046.03-01	Haverhill Lateral	Not Incorporated	This reroute was prompted due to issues with the siting of the Haverhill pig trap. The original proposed location at MP 3.2 has been determined to be too congested with the Maritimes Pipeline, powerline and adjacent houses. This reroute will require extra tree clearing.	1,825
460	18-HIL-0419.00-01	NH Mainline	Not Incorporated	Reroute due to slope conditions. Reroute option 1 of 2 which brings line further into powerline easement briefly.	280
461	18-HIL-0417.00-01	NH Mainline	Not Incorporated	Reroute due to slope conditions. Reroute option 2 of 2 which brings line out of powerline easement briefly.	415
467	02-FRA-0252.00-01	MA Mainline	Approved	Pipeline Centerline Change Due to HDD Re-alignment (Required HDD: HDD-07). HDD of Bardwell's Ferry Road, Western Mass Electric Powerline, Deerfield River, Pan Am Railway, Unknown Road. (Horizontal Length of Drill Required = 4,525 ft)	5,360
477	18-ROC-0481.00-02	NH Mainline	Not Incorporated	This reroute has been proposed to avoid a group of apple trees within an apple orchard. (This is a modified version of an existing MOC: 18-ROC-0481.00-01)	1,935
490	10-HAR-0671.01-01	300 Line CT Loop	Approved	Reroute to extend the line to move receiver site out of the 200' powerline buffer zone.	260
494	01-ALB-1856.10-01	East NY Mainline	Approved	This MOC came from the Alignment Sheet Comments for Segment F. The proposed reroute will move route farther away from a nearby house. We will be in the powerline easement due to this change.	400
497	08-ESS-0119.00-01	Lynnfield Lateral	Not Incorporated	This MOC came from the Alignment Sheet Comments for Segment N. The proposed reroute will shift the current route out of the way of the powerline towers.	1,415
522	18-HIL-0256.00-02	NH Mainline	Approved	Shifted proposed pipeline 30' south to avoid single pole powerline. Workspace to be revised to ensure small powerline (to the south) is not impacted.	37,110
528	02-BER-0010.00-01	MA Mainline	Approved	Expedited Approved MOC: Relocation due to power poles that currently interfere with the mainline	1,590
530	18-ROC-0478.00-02	NH Mainline	Approved	Expedited Approved MOC: This route will avoid a steep side slope from MP 29.37 to 29.5. In addition it will move the centerline away from 5 different power poles.	2,970
533	18-CHE-0051.00-01	NH Mainline	Approved	This reroute will avoid new wooden telephone poles.	2,280
536	18-HIL-0434.00-02	NH Mainline	Not Incorporated	Re-route due to power line tower guy wires. Extend HDD by about 75' past guy wire.	380
544	18-CHE-0173.00-01	NH Mainline	Incoming	Adjust alignment to avoid conflicts with existing guy wires.	575
551	18-CHE-0034.00-02	NH Mainline	Approved	Reroute pipeline to the north side of the powerline easement to avoid impacting Goss Woods. Goss Woods is a conservation land of Richmond NH and the town has requested that we avoid impacting it. Approved during MOC meeting on 10/15/2015.	8,075
552	02-BER-0069.00-01	MA Mainline	Approved	Reroute Alternative 1 of 2: Line to be routed to west side of powerline easement to avoid impacting landowner property.	3,825

HMM ID	Change Request No.	Pipeline Segment	Status	Description of Change	Reroute Length (ft)
554	02-FRA-0235.00-01	MA Mainline	Approved	Landowner Requested Reroute: Proposed reroute to relocate line to south side of power lines and out of landowner's property. Construction issues: an area with side slope issues will be encountered and will require another crossing of the powerlines.	3,435
558	18-CHE-0086.01-01	NH Mainline	Incoming	Possible route adjustment to avoid having Temporary Worskpace where guy wires are located. It was noted that the line can probably be constructed here without the reroute.	215
559	18-CHE-0040.00-01	NH Mainline	Incoming	Reroute to avoid powerline guy wires.	550
578	08-ESS-0202.00-02	Lynfield Lateral	Incoming	Reconfiguration of the tail end of the Lynfield Lateral to allow for more space and better access for the proposed Pig Trap and MLV's for the take off of the Peabody Lateral. This reroute requires that the line continue down the powerline easement and cross the powerlines where it will then tie in point at existing TGP line 270C-100.	1,320
579	17-ESS-0202.00-02	Peabody Lateral	Incoming	Reconfiguration of the take off of the Peabody Lateral to allow for more space and better access for the proposed Pig Trap and MLV's for the take off of the Peabody Lateral. This configuration will require that the Peabody Lateral take off just downstream of the proposed tie in point of MOC ID 08-ESS-0202.00-02. This reroute will move route farther away from the houses on Sevinor Rd to a greater extent compared to the current alignment.	640

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Attachment 2
Response to Comment #34

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Earthquake Epicenter within 100 Miles of the Pipeline Facility

Date	State	Town	Magnitude	Approximate Distance from Pipeline (miles)
6/7/1974	New York	Wappinger	3	60
10/21/1981	New York	Long Island Sound	3.5	43
8/31/1982	New York	Northampton	3	35
2/26/1983	New York	Pawling	3	47
10/7/1983	New York	Minerva	5.1	84
10/7/1983	New York	Newcomb	4.1	84
10/7/1983	New York	Newcomb	3.2	84
10/12/1983	New York	Minerva	3.1	84
10/30/1983	New York	Newcomb	3	84
10/23/1984	New York	Johnsburg	3.4	62
10/15/1985	Massachusetts	Boxborough	3.2	17
10/19/1985	New York	Yonkers	4	75
10/21/1985	New York	Greenburgh	3	76
6/17/1991	New York	Summit	4	25
8/15/1991	Pennsylvania	Potter	3	80
9/2/1991	New York	Rensselaerville	3.1	12
10/28/1991	Connecticut	Greenwich	3	62
1/16/1994	Pennsylvania	North Heidelberg	4.2	91
1/16/1994	Pennsylvania	Heidelberg	4.6	91
3/12/1994	New York	Livonia	3.5	85
10/2/1994	Massachusetts	Hardwick	3.6	23
3/22/1996	Rhode Island	Mount Hope Bay	3.1	60
7/31/1997	New York	Turin	3.2	87
1/10/1999	Massachusetts	Merrimac	3	19
4/2/2000	New York	Minerva	3.7	85
2/3/2001	New York	Bath	3.2	52
7/22/2003	Massachusetts	Atlantic Ocean	3.6	51
8/26/2003	New Jersey	Holland	3.5	88
7/24/2007	New York	Berne	3.1	3
5/18/2009	New York	Berne	3	5
12/13/2009	New York	Berne	3.1	4
1/12/2015	Connecticut	Plainfield	3.5	44
9/27/2015	New York	Bunheim	3	12

Earthquake Epicenter within 100 Miles of the Pipeline Facility

Date	State	Town	Magnitude	Approximate Distance from Pipeline (miles)
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Date Source: Local earthquake epicenters from New England Seismic Network - Weston Observatory, Boston College (2015) and the Lamont-Doherty Cooperative Seismographic Network Columbia University (2015).

Attachment 3
Response to Comment #41

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Revised Section 8.4.2.2, Resource Report 8:

8.4.2.2 Meter Stations

Visual impacts associated with meter stations include visibility of the station from residential or other areas valued for their scenic qualities.

Tennessee plans to modify 15 existing meter stations and construct and operate 14 new meter stations as part of the NED Project. Details regarding these facilities are provided in Section 1.1.2.2.2 of Resource Report 1. Land use and acreage of impact during construction and operation of the meter stations is provided in Table 8.1-5 in Attachment 8b of Resource Report 8. Dimensions of the meter stations are shown on the drawings provided in Volume II, Appendix S of the Certificate Application. The following sections provide an assessment of the visual impacts associated with the meter stations.

8.4.2.2.1 Existing Meter Stations

Tennessee is planning to modify 15 existing meter stations as part of the Project, which will include additional construction and operation workspace as provided in Table 8.1-5 in Attachment 8b of Resource Report 8. Since modifications will match the aesthetics of the existing facilities, the modifications at existing meter stations are not expected to significantly alter the current visual landscape.

8.4.2.2.2 IGT-Constitution Bi-Directional Meter, NED Check, and NED/200 Line Bi-Directional OPP & Check

The IGT-Constitution Bi-Directional Meter, NED Check, and NED/200 Line Bi-Directional OPP & Check meter stations will be constructed at the Market Path Head Station compressor station site. Impacts associated with construction and operation of the meter stations will be the same as discussed in Section 8.4.2.1.5 of Resource Report 8.

8.4.2.2.3 North Adams Check

The North Adams Check meter station will be located at the intersection of the Wright to Dracut Pipeline Segment with the existing Tennessee North Adams Lateral. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The site is located in an agricultural and forested area and there are no residences within the vicinity of the site. Therefore, it is expected that construction and operation of the meter station will not cause a noticeable change to the visual quality of the existing landscape.

8.4.2.2.4 West Greenfield

The West Greenfield meter station will be located within and adjacent to the Wright to Dracut Pipeline Segment right-of-way. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The meter station will be adjacent to and visible from State Route 10/Greenfield Road. There are residences located to the north and south of the proposed site. Dense stands of trees surround the site on the north, south, and east sides, which will screen the site from residences. Tennessee will preserve existing trees along the meter station property boundary to the extent practicable to minimize impacts to adjacent residences. Additionally, Tennessee will install slatted fencing around the station to minimize impacts to motorists along State Route 10/Greenfield Road.

8.4.2.2.5 Maritimes

The Maritimes meter station will be located at the interconnection of the Wright to Dracut Pipeline Segment with the Spectra Maritimes pipeline. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The site is located in a mostly cleared area near Wheeler Road and will be visible to motorists and nearby residences along Wheeler Road. Construction and operation of the Maritimes meter station is expected to be a noticeable change to the visual quality of the existing landscape. Tennessee will install slatted fencing around the station to minimize impacts to motorists and residents along Wheeler Road.

8.4.2.2.6 200-1 Check

The 200-1 Check meter station will be located between the end of the NED Lynnfield Lateral and the beginning of the NED Peabody Lateral at the Camp Curtis site. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The proposed site is completely surrounded by heavily wooded areas and will not be visible from public areas. Therefore, it is expected that construction and operation of the meter station will not cause a noticeable change to the visual quality of the existing landscape.

8.4.2.2.7 Haverhill Check

The Haverhill Check meter station will be located at the interconnection of the Wright to Dracut Pipeline Segment with the existing Tennessee Haverhill Lateral. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The site is in a heavily wooded area adjacent to an existing, cleared transmission line right-of-way, which is adjacent to residences along Cart Path Road. Tennessee will preserve existing trees along the meter station property boundary to the extent practicable and install slatted fencing in cleared areas to minimize impacts to adjacent residences. Therefore, it is expected that construction and operation of the meter station will not cause a noticeable change to the visual quality of the existing landscape.

8.4.2.2.8 Fitchburg Lateral Check

The Fitchburg Lateral Check meter station will be located at the interconnection of the NED Fitchburg Lateral with the existing Tennessee Fitchburg Lateral. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The proposed site is in a heavily wooded area and is not visible to any roads or residences. Therefore, construction and operation of the meter station will not cause a noticeable change to the visual quality of the existing landscape.

8.4.2.2.9 Longmeadow

The Longmeadow meter station will be located off of the existing Tennessee 200 pipeline. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The proposed site is heavily wooded and located adjacent to Hazardville Road and a residential neighborhood. Tennessee will preserve existing trees along the meter station property boundary to the extent practicable and install slatted fencing in cleared areas to minimize impacts to adjacent residences and motorists along Hazardville Road. Therefore, it is expected that construction and operation of the meter station will not cause a noticeable change to the visual quality of the existing landscape.

8.4.2.2.10 Everett

The Everett meter station will be located off of the existing Tennessee Saugus-Everett Lateral. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The proposed site is located in an industrial area. Therefore, construction and operation of the meter station will not cause a noticeable change to the visual quality of the existing landscape.

8.4.2.2.11 North Adams Regulator

The North Adams Regulator station will be located at the interconnection location of the Wright to Dracut Pipeline Segment and the North Adams Lateral. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The site is in an area that contains existing aboveground pipeline infrastructure adjacent to East Street. Tennessee will install slatted fencing around the station to minimize impacts to motorists along East Street.

8.4.2.2.12 Merrimack

The Merrimack meter station will be located off the Wright to Dracut Pipeline Segment. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The site is adjacent to Daniel Webster Highway in a commercial/industrial area. Therefore, it is expected that construction and operation of the meter station will not cause a noticeable change to the visual quality of the existing landscape.

8.4.2.2.13 200-2 Check

The 200-2 Check meter station will be located at the interconnection of the Wright to Dracut Pipeline Segment with the existing Tennessee Concord Lateral. In this area, there are neither recreation areas valued for their scenic qualities nor are there any designated scenic roads, rivers, or trails within 0.25 mile of the proposed site. The site is within a heavily wooded area and is not visible to any roads or residences. Therefore, construction and operation of the meter station will not cause a noticeable change to the visual quality of the existing landscape.

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Attachment 4
Response to Comment #42

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Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
Pennsylvania											
Elk Lake School District	C	5.2	1056	S	100 School House Road	Dimock	Susquehanna	eMAP PA, PADEP, Supey 2014	Potential for polluting substance(s) reaching Waters of the Commonwealth and may require a permit; administrative close out per PADEP	No impact based on status/location	
D Grosvenor 2V Well	C	5.4	528	N	Dimock (Lat 41.733033, Long - 75.951716)	Dimock	Susquehanna	eMAP PA, PADEP, Supey 2014, State Impact	Failure to properly store, transport, process or dispose of a residual waste; stream discharge of injection well, includes drill cuttings, oil, brine and/or silt; closed 5/22/12	No impact based on status/location	
D Grosvenor 1H Well	C	5.4	528	N	Dimock (Lat 41.733044, Long 75.951779)	Dimock	Susquehanna	eMAP PA, PADEP, Supey 2014, State Impact	Failure to minimize accelerated erosion, implement Erosion and Sediment Control ("E&S") plan, maintain E&S controls. Failure to stabilize site until total site restoration under Oil and Gas Act, Section 206; closed 5/22/12	No impact based on status/location	
New York											
Roadside Salvage	D	1.77	1,257	NW	Gulf Summit Road	Gulf Summit	Broome	Department of Environmental Conservation, Spill Incidents Database	Spill: 1/11/2002. Auto Waste Fluids of unknown amount to soil. Closed 1/18/2002.	No impact based on status/location	
Arctic Valley Farms	D	10.83	386	NW	406 North Sanford Rd	Deposit	Broome	Department of Environmental Conservation, Spill Incidents Database	Spill 4/25/2015 of 0.5 gallons of diesel. Soil affected. Milk of unknown amount, surface water affected. Spill closed 4/27/2015.	Impact unlikely based on status No impact based on status/location	Release quantity and site status
Henkel Residence, Bundy Hollow Rd Sluice Pipe Ditch	D	21.78	796	SE	451 Bundy Hollow Rd	Masonville	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 4/23/2013 of unknown petroleum of unknown amount. Soil and surface water affected. Spill closed 10/15/2013.	No impact based on status/location	
Hall Residential, Cleveland Prop	D	22.42	873	NW	Cole Rd	Sidney	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 7/10/2001 of antifreeze and waste oil of unknown amount. Groundwater affected. Spill closed 7/26/2001.	No impact based on status/location	
Sidney Highway Garage, Route 23	D	27.22	835	NW	13830 City Rte. 23	Sidney	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 3/11/2013 of 5 gallons of diesel. Spill was on impervious surface. Spill closed 3/18/2013.	No impact based on status/location	
East Sidney Lake Park	D	30.18	794	NW	St Rte. 357	Sidney	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 5/30/2012 of pine pollen and unknown material of unknown amount. Surface water affected. Closed 5/30/2012.	No impact based on status/location	
Gillette Residence Stewart Road	E	11.90	891	SE	Stewart Rd	Davenport	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 4/21/2005 of garbage and tires of unknown amount. Soil affected. Spill closed 5/18/2005.	No impact based on status/location	
Corn Field Herbicide, Route 23	E	14.61	920	SE	Rte. 23	Davenport	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 6/3/2002 of herbicides of unknown amount. Soil affected. Spill closed 6/4/2002.	No impact based on status/location	
Vacant Property Route 23	E	14.61	920	SE	Rte. 23	Davenport	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 12/16/1997 of 20 gallons of #2 Fuel Oil. Soil affected. Spill closed 9/28/1999.	No impact based on status/location	

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
Westcott Residence Mirabito Route 23	E	14.61	920	SE	Rte. 23	Davenport	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 1/31/1997 of 25 gallons of #2 Fuel Oil. Soil affected. Spill closed 3/25/1998.	No impact based on status/location	
Audio Sears Route 23	E	14.61	920	SE	Rte. 23	Davenport	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 9/11/1996 due to tank test failure. #2 fuel oil of unknown amount and soil was affected. Spill closed 10/8/1996.	No impact based on status/location	
Accident Route 23	E	14.61	920	SE	Rte. 23	Davenport	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 6/14/1990 due to traffic accident. 10 gallons of gasoline spilled and soil was affected. Spill closed 7/11/1990.	No impact based on status/location	
Keinast Residence Route 23	E	14.61	920	SE	Rte. 23 Box 121	Davenport	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 7/12/1989 of #2 fuel oil of unknown amount. Soil affected. Spill closed 7/14/1989.	No impact based on status/location	
Beaver Spring Trailer Park, Route 23	E	14.61	920	SE	Rte. 23 Trailer Park Lot 8	Davenport	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 3/29/1989 of 1 gallon of kerosene. Soil affected. Spill closed 3/30/1989.	No impact based on status/location	
Rostboll Residence	E	14.72	297	SE	222 Parker Schoolhouse Ex	Davenport	Delaware	Department of Environmental Conservation, Spill Incidents Database	Spill 3/4/2003 of 3 gallons of kerosene. Soil affected. Spill closed 3/5/2003.	No impact based on status/location	
Summit Lake Route 10 Algae	E	27.60	313	NE	Rte. 10	Summit	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 8/12/2009 of unknown material and unknown amount. Surface water affected. Spill closed 8/13/2009.	No impact based on status/location	
Thomas Residence Route 10 Agway	E	27.60	313	NE	Rte. 10	Summit	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 6/27/1990 of #2 fuel oil of unknown amounts. Soil affected. Spill closed 9/28/1990.	No impact based on status/location	
Nimo Pole 5 1/2 Route 10	E	27.60	313	NE	State Rte. 10	Summit	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 6/25/1997 due to equipment failure. Spill of 3 gallons of hydraulic oil. Soil affected. Spill closed 12/30/1998.	No impact based on status/location	
Trading Post Mobil Route 10	E	27.60	313	NE	Rte. 10	Summit	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Two spills between 1991 and 1993 of gasoline. Soil and groundwater affected. Spills closed.	No impact based on status/location	
National Grid Transformer	E	29.39	536	NW	123 Summit Lake Rd Pole 3	Summit	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 12/16/2008 of 10 gallons of transformer oil. Soil affected. Spill closed 3/9/2009.	No impact based on status/location	
Summit Lake	E	29.52	1,003	NW	Summit Lake	Summit	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 9/14/1989 of unknown petroleum and unknown amount. Surface water affected. Spill closed 9/14/1989.	No impact based on status/location	
Summit Lake Road Sewage	E	29.52	1,003	NW	Summit Lake Rd	Summit	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 7/4/1999 of raw sewage of unknown amount. Surface water affected. Spill closed 7/4/1999.	No impact based on status/location	
Garbage Truck Rollover Beards Hollow	E	31.16	945	NW	420 Beards Hollow Rd	Summit	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 7/27/2010 from a traffic accident. 10 gallons of diesel spilled onto soil. Spill closed 7/29/2010.	No impact based on status/location	

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
C&D Dumping Cross Hill Road (East Side)	E	33.90	726	NW	Cross Hill Rd	Richmondville	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 1/23/2001 of unknown material and unknown amount. Soil affected. Spill closed 1/23/2001.	No impact based on status/location	
Nimo Truck Schoharie Hill	E	43.37	671	NW	639 Schoharie Hill Rd	Schoharie	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 12/8/2006 due to equipment failure. 1 gallon of hydraulic oil . Soil affected. Spill closed 12/11/2006.	No impact based on status/location	
Schoharie Hill Road	E	43.44	430	SE	Schoharie Hill Road	Schoharie	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 2/9/2009 of 3 gallons of unknown hazardous material to soil and impervious surface. Spill closed 3/5/2009.	No impact based on status/location	
Schoharie Hill Rd Accident	E	43.44	430	SE	Schoharie Hill Rd	Schoharie	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 5/20/1986 due to traffic accident. 50 gallons of diesel spilled onto soil. Spill closed 5/20/1986.	No impact based on status/location	
National Grid Transformer Rte. 30A Pole # 67	E	46.89	696	SE	239 State Rte. 30A	Schoharie	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 1/22/2012 due to equipment failure of .25 gallons of transformer oil. Spill closed 1/23/2012.	No impact based on status/location	
Probation Building Route 30A	E	46.89	732	SE	Rte. 30A	Schoharie	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 8/23/1994 due to tank test failure of #3 fuel oil of unknown amount. Soil affected. Spill closed 4/18/1995.	No impact based on status/location	
Spinning Wheels Express I-88 1/4 Mile West of Exit 23	E	47.74	504	NW	I-88 W	Schoharie	Schoharie	Department of Environmental Conservation, Spill Incidents Database	Spill 8/18/2003 due to traffic accident. 200 gallons of diesel spilled on soil. Spill closed 6/21/2005.	No impact based on status/location	
Warners Lake Truck in Warners Lake	F	9.35	489	NE	Warners Lake	East Berne	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 2/24/1991 of 5 gallons of gasoline to surface water. Spill closed 3/8/1991.	No impact based on status/location	
Kodra Res Agway Warner Lake	F	9.35	489	NE	Warner Lake Rd	Berne	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 10/11/1988 due to tank failure of 5 gallons of #2 fuel oil. Soil affected. Spill closed 10/11/1988.	No impact based on status/location	
Roemer Residence Elm Drive	F	12.37	554	NE	Elm Dr	East Berne	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 4/5/1987 due to equipment failure. Unknown petroleum of unknown amount. Surface water affected. Spill closed 4/6/1987.	No impact based on status/location	
National Grid Transformer Pinnacle Road	F	13.53	419	NE	67 Pinnacle Rd (Hurricane Irene)	Voorheesville	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 8/29/2011 due to a transformer affected by a storm. 1 gallon of #2 fuel oil. Spill closed 9/1/2011.	No impact based on status/location	
National Grid Vehicle Pinnacle Road @ Hillcrest Drive	F	13.68	1,148	SW	Pinnacle Rd @ Hillcrest Dr	Berne	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 4/21/2014 due to equipment failure. 15 gallons of diesel. Spill closed 4/22/2014.	No impact based on status/location	
National Grid Transformer Nimo	F	13.92	765	SW	332 Wolf Hill Rd Pole 63-1	Voorheesville	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 7/14/2008 of 5 gallons of transformer oil. Soil affected. Spill closed 8/11/2008.	No impact based on status/location	
Residence	F	14.47	59	SE	20 Countryman Rd	Voorheesville	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 8/18/2015 of transformer oil of unknown amounts. Soil affected. Spill closed 9/10/2015.	Impact unlikely based on status/location No impact based on status/location	Site status
Bennett Residence Agway Wolf Hill	F	14.52	201	SW	Wolf Hill Rd	Voorheesville	Albany	NYSDEC, Spill Incidents Database	Spill 4/30/1990 of 1 gallon of #2 Fuel Oil. Soil affected. Spill closed 4/30/1990	No impact based on status/location	

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
Keeler Residence Indian Ledge Road	F	14.81	381	NE	284 Indian Ledge Rd	Voorheesville	Albany	NYSDEC, Spill Incidents Database	Spill 8/14/2001 due to equipment failure. 50 gallons of #2 fuel oil. Soil affected. Spill closed 3/14/2002.	No impact based on status/location	
Nimo Transformer	F	18.62	983	SE	223 Spore Rd Pole 71	Delmar	Albany	NYSDEC, Spill Incidents Database	Spill 6/18/2006 due to traffic accident. 5 gallons of transformer oil. Soil affected. Spill closed 6/29/2007.	No impact based on status/location	
Schick Residence Nine Mile Lane Normanskill Creek	F	19.40	165	SW	1 Nine Mile Ln Normanskill Creek	Delmar	Albany	NYSDEC, Spill Incidents Database	Spill 3/12/2001 due to equipment failure. 800 gallons of #2 fuel oil. Soil affected. Spill closed 5/7/2001.	No impact based on status/location	
Haskell Residence Unionville Feura Bush Road	F	20.37	680	SE	329 Unionville Feura Bush Rd	Feura Bush	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 12/1/2012 due to equipment failure. 0.06 gallons of #2 fuel oil. Spill closed 12/12/2012.	No impact based on status/location	
Payne Residence Waldenmaier Road	F	21.02	650	NE	Waldenmaier Rd	Feura Bush	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 11/15/1990 due to equipment failure. #2 fuel oil of unknown amount. Soil affected. Spill closed 3/26/1991.	No impact based on status/location	
National Grid Transformer University Street Padmount # 6283	F	23.00	768	NE	112 University St	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 9/9/2014 due to equipment failure. 4 gallons of transformer oil. Soil affected. Spill closed 11/3/2014.	No impact based on status/location	
National Grid Transformer Nimo	F	23.01	576	NE	38 Ellendale Ave Pad Mount	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 5/26/2008 due to equipment failure. 2 gallon of transformer oil. Soil affected. Spill closed 8/11/2008.	No impact based on status/location	
National Grid Transformer Barry Court	F	23.04	425	SW	34-A Barry Ct	Bethlehem	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 4/28/2011 due to equipment failure. 1 gallon of transformer oil. Spill closed 5/11/2011.	No impact based on status/location	
Vogel Residence Linton Street	F	23.06	1,257	NE	26 Linton St	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 2/2/1998 due to equipment failure. #2 fuel oil of unknown amounts. Soil affected. Spill closed 3/2/1998.	No impact based on status/location	
Residence Linton Street	F	23.07	1,296	NE	23 Linton St	Bethlehem	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 3/14/2008 of unknown petroleum and unknown amount. Soil affected. Spill closed 3/18/2008.	No impact based on status/location	
National Grid Transformer Fairlawn Avenue	F	23.08	801	SW	151 Fairlawn Ave	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 6/20/2012 due to equipment failure. 1 gallon of non-polychlorinated biphenyl ("PCB") oil. Soil affected. Spill closed 11/7/2012.	No impact based on status/location	
Home	F	23.18	1,294	NE	64 Fairlawn Ave	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 11/12/2014 due to equipment failure. #2 fuel oil of unknown amount. Soil affected. Spill closed 12/8/2014.	No impact based on status/location	
Claus Residence King Court	F	23.25	1,248	NE	31B Kings Ct	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 9/29/2002. Material not identified. Spill closed 2/28/2003.	No impact based on status/location	
Bronco Dev Kings Court	F	23.25	1,254	NE	27B Kings Ct	Bethlehem	Albany	Department of Environmental Conservation, Spill Incidents Database	Multiple spills on 6/28/1993 of #2 fuel oil. Soil affected. Spills closed.	No impact based on status/location	
McGuiness Residence Wildwood Lane	F	23.43	1,099	SW	135 Wildwood Ln	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 3/11/2009 due to equipment failure. Spill of 0.75 gallons of #2 fuel oil. Soil and indoor air affected. Spill closed 5/20/2009.	No impact based on status/location	

Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
O'Connor Residence Elm Avenue	F	23.60	429	NE	606 Elm Ave	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 11/28/1988 due to equipment failure. #2 fuel oil of unknown amount. Soil affected. Spill closed 11/28/1988.	No impact based on status/location	
Greene Elm Avenue	F	23.63	48	SW	629 Elm Ave	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 3/4/2008 due to vandalism. Waste oil/used oil of unknown amount. Soil affected. Spill closed 3/24/2008.	No impact based on status/location	
M&G Convoy Trucking Elm Avenue	F	23.64	350	SW	Elm Ave	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	3 spills between 1992 and 1996 of waste oil and diesel. Surface water and soil affected. Spills closed.	No impact based on status/location	
Crisafulli Residence Elm Avenue	F	23.65	349	SW	644 Elm Ave	Selkirk	Albany	NYSDEC, Spill Incidents Database	Spill 8/11/2011 due to equipment failure. #2 fuel oil of unknown amount. Soil affected. Spill closed 1/23/2012.	No impact based on status/location	
Ryder Truck Elm Avenue	F	23.72	720	NE	260 Elm Ave	Selkirk	Albany	NYSDEC, Spill Incidents Database	Spill 4/30/1992 of waste oil/used oil of unknown amount. Surface water affected. Spill closed 5/4/1992.	No impact based on status/location	
Commercial Carriers Elm Avenue	F	23.75	719	NE	252 Elm Ave	Selkirk	Albany	NYSDEC, Spill Incidents Database	Spill 5/12/1995 of unknown material of unknown amount to soil. Spill closed 5/17/1995.	No impact based on status/location	
Nimo Transformer Elm Avenue	F	23.76	1,099	SW	691 Elm Ave	Selkirk	Albany	NYSDEC, Spill Incidents Database	Spill 10/16/2003 of 1 gallon of transformer oil. Soil affected. Spill closed 12/4/2003.	No impact based on status/location	
Adams (Yaas) Residence Elm Avenue	F	23.83	1,191	SW	695A Elm Ave	Selkirk	Albany	NYSDEC, Spill Incidents Database	Spill 5/20/2004 due to equipment failure. 4 gallons of #2 fuel oil. Soil affected. Spill closed 7/19/2004.	No impact based on status/location	
Carley Residence- Jericho Road	F	24.76	883	SW	Jericho Rd	Selkirk	Albany	Department of Environmental Conservation, Spill Incidents Database	Spill 1/6/1988 of kerosene of unknown amount. Air affected. Spill closed 1/7/1988.	No impact based on status/location	
Undeveloped Land Jericho Road-Drums	F	24.94	1,017	NE	83 Jericho Rd	Bethlehem	Albany	NYSDEC, Spill Incidents Database	Spill 6/21/2004 due to abandoned drums. Unknown material of unknown amount. Soil affected. Spill closed 8/5/2004.	No impact based on status/location	
Cox Residence Lincoln Drive Agway	F	27.43	1,130	NE	1 Lincoln Dr	Glenmont	Albany	NYSDEC, Spill Incidents Database	Spill 1/5/2002 of #2 fuel oil of unknown amounts. Soil affected. Spill closed 1/9/2002.	No impact based on status/location	
Cng Brookview M&R	F	29.80	353	SW	2176 Jensis Rd	Castleton	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 7/16/1999 of 350 gallons of ethylene glycol. Soil affected. Spill 10/28/1999.	No impact based on status/location	
Hudson River PCBs Superfund Site	F	28.98	0	crosses beneath (HDD)	Hudson River	Hudson River	NY	USEPA Superfund Website	River sediments contaminated with PCBs	No impact based on status/location	
Pilot Truck Stop	F	31.26	932	SW	995 Rte. 9	Schodack	Rensselaer	NYSDEC, Spill Incidents Database	Spills: 6/14/2015. 20 gallons of gasoline. Unknown resource affected. Spill: 6/16/2015. 100 gallons of diesel. Unknown resource affected. Spill: 5/22/2015. 6 gallons of antifreeze. Soil affected. Spills Closed.	No impact based on status/location	
Roadway	F	31.26	932	SW	I90 Eastbound Exit B1	Castleton	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 5/7/2015. FedEx truck accident. 125 gallons of diesel to unknown resource. Not closed.	Impact unlikely based on location	

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
Pilot Truck Stop	F	31.26	932	SW	995 Rte. 9	Schodack	Rensselaer	NYSDEC, Spill Incidents Database	Spills: 6/14/2015. 20 gallons of gasoline . Unknown resource affected. Spill: /16/2015. 100 gallons of diesel. Unknown resource affected. Spill: 5/22/2015. 6 gallons of antifreeze. Soil affected. Spills Closed.	No impact based on status/ location	
Roadway	F	31.26	932	SW	I-90 W/B Mile 15	Schodack	Rensselaer	NYSDEC, Spill Incidents Database	Spill: 8/19/205. Unknown amount of raw sewage. Unknown resource affected from a traffic accident. Spill closed 8/19/2015.	No impact based on status/ location	
Ray Oil @ Legge Residence Old Post Road	F	32.27	1,141	SW	1637 South Old Post Rd	Castleton	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	2 spills in December of 2004 of approximately 100 gallons of #2 fuel oil. Soil, indoor air and impervious surface affected. Both spills closed.	No impact based on status/ location	
National Grid Transformer Birchen Bend	F	32.79	854	NE	1691 Birchen Bend	Castleton	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 5/20/2015 of 15 gallons of transformer oil. Unknown resource affected. Spill closed 7/10/2015.	Impact unlikely based on status No impact based on status/location	Site status and distance from Project
Residence (Roy) Route 9	F	32.81	453	NE	1625 St Rte. 9	Castleton	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 8/28/2007 of #2 fuel oil of unknown amount. Soil affected. Spill closed 8/30/2007.	No impact based on status/ location	
Buds Florist And Greenhouses	F	32.82	243	NE	1614 Route 9	stleton On Huds	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 1/13/2012 of unknown petroleum of unknown amount. Soil affected. Spill closed 1/9/2013.	No impact based on status/ location	
Gorman Brothers Shufelt Road	F	32.91	1,046	SW	Shufelt Rd @ Rte. 9	Schodack	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 6/28/2002 of asphaltic oil of unknown amounts. Soil affected. Spill closed 7/2/2002.	No impact based on status/ location	
Lape Road Pond	F	34.44	360	SE	380 Lape Rd Pond	Schodack	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 7/2/2003 of unknown petroleum and unknown amounts. Surface water affected. Spill closed 8/22/2003.	No impact based on status/ location	
Chamberlain Residence Rohloff Road	F	35.73	1,176	SE	Rohloff Rd	Nassau	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 9/23/1993 of #2 fuel oil of unknown amount. Soil affected. Spill closed 5/5/1994.	No impact based on status/ location	
Vanburen Residence	F	35.83	1,319	NW	167 Beaver Rd	Nassau	Rensselaer	NYSDEC, Spill Incidents Database	Spill 9/24/2013 of 165 gallons of kerosene. Spill closed 1/26/2015.	No impact based on status/ location	
Nassau Town Garage & Landfill Hoags Corners Road	F	37.60	362	NW	Hoags Corners Rd	Nassau	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	2 spills between 1993 and 1988 of diesel, gasoline and kerosene. Soil and surface water affected. Both spills closed.	No impact based on status/ location	
Private Residence	F	42.80	711	SE	171 Radley Rd	Averill Park	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 12/2/2012 of #2 fuel oil of unknown amount due to equipment failure. Soil affected. Spill closed 12/3/2012.	No impact based on status/ location	
National Grid Transformer Route 43	F	44.37	1,295	NW	2045 St Rte. 43 Pole 28	Averill Park	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 9/26/2009 of 12 gallons of transformer oil. Soil affected. Spill closed 9/28/2009.	No impact based on status/ location	
Accident Taborton Road	F	45.31	1,280	NE	Taborton Rd	Nassau	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 9/17/1989 of 5 gallons of diesel. Surface water affected. Spill closed 10/24/1989.	No impact based on status/ location	

Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
Hotaling Residence Firetower Road	F	45.93	1,265	NE	215 Firetower Rd	West Stephentown	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 10/31/2007 of #2 fuel oil of unknown amounts due to equipment failure. Soil affected. Spill closed 11/2/2007.	No impact based on status/location	
Gonzalea Residence Calvin Cole	F	48.92	766	SW	39A Calvin Cole Rd	Stephentown	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 10/15/1993 of 80 gallons of #2 fuel oil due to a tank failure. Soil affected. Spill closed 10/26/1993.	No impact based on status/location	
Waste Management Newton Road	F	49.84	929	SW	Newton Rd	Stephentown	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 3/3/1997 of 10 gallons of hydraulic oil due to equipment failure. Soil affected. Spill closed 3/3/1997.	No impact based on status/location	
Hickey Residence West Road H&L	F	50.98	86	SW	31 West Rd	Stephentown	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 11/25/1994 of 4 gallons of kerosene. Soil affected. Spill closed 1/5/1995.	No impact based on status/location	
Chuckleberry Trailer Park Route 22	F	51.53	339	NE	Rte. 22	Stephentown	Rensselaer	NYSDEC, Spill Incidents Database	Spill 1/14/1995. Unknown amount of #2 fuel oil. Soil affected. Spill closed 2/8/1995.	No impact based on status/location	
Zwack Inc. Route 22	F	51.53	339	NE	Rt 22	Stephentown	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 8/4/1994 of waste oil/used oil of unknown amount. Soil affected. Spill closed 9/8/1994.	No impact based on status/location	
Drivers & Bates Route 22	F	51.53	339	NE	Rte. 22	Stephentown	Rensselaer	NYSDEC, Spill Incidents Database	Spill 4/4/1986 of 3 gallons of #2 fuel oil. Soil affected. Spill closed 4/3/1995.	No impact based on status/location	
Zeitler Res Chuckleberry Trailer Park	F	51.53	339	NE	Rte. 22	Stephentown	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	2 spills in January of 1995 of kerosene and #2 fuel oil. Soil affected. Both spills closed.	No impact based on status/location	
Peace Farm Route 22 Hanson	F	51.53	339	NE	Rte. 22	Stephentown	Rensselaer	NYSDEC, Spill Incidents Database	Spill 7/17/1993 of 25 gallons of diesel due to equipment failure. Soil affected. Spill closed 7/22/1993.	No impact based on status/location	
NYSEG Transformer Route 22	F	51.62	594	SW	16087 Rte. 22	Stephentown	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 11/1/2012 of transformer oil of unknown amounts. Soil and surface water affected. Spill closed 10/22/2013.	No impact based on status/location	
Dave's Market Route 43	F	52.61	1,093	SW	230 NYS Rte. 43	Stephentown	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill 7/10/1998 of 5 gallons of gasoline. Soil affected. Spill closed 6/7/2005.	Impact unlikely based on status/location No impact based on status/location	Age, release quantity, and site status

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
Massachusetts											
Sayers Auto Wrecking	G	1.66	996	NE	Potter Mountain Rd	Lanesborough	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 6/7/1989. Tire fire, runoff pooled and noted stained soil. Analytical data constituted a release of oil and hazardous materials. A total of 10.51 tons of top soil from two areas were removed.	No impact based on status/location	
Thompson Site	G	1.66	996	NE	Potter Mount Rd	Lanesborough	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 1/15/1987. On-site waste disposal reported. 12/04-deemed not an appropriate candidate for further federal remedial action.	No impact based on status/location	
Berkshire Building & Grounds Maintenance Facility	G	7.78	474	NW	37 Nobody's Road	Cheshire	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 2/24/2012. Approximately 10 gallons of diesel fuel. A drum fell off a vehicle that was stolen from a salvage yard, releasing 10 gallons of diesel fuel. Absorbents were used by the local fire department and placed in a plastic drum. Impacted area is about 100 x 50 feet. Response actions were sufficient to achieve a level of no significant risk.	No impact based on status/location	
Victoria Trailer Park	G	12.31	1,118	NE	7 Park Terrace	Dalton	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 7/18/1995. #2 fuel oil from an underground storage tank ("UST"). Permanent solution met.	No impact based on status/location	
Pole 47/16	G	30.46	928	NW	Smith Rd	Ashfield	Franklin	Mass DEP Reportable Releases Look Up	Spill: 10/28/2000. Transformer-non-PCB transformer oil, approximately 15 gallons. Permanent solution met; but contamination has not been reduced to background.	No impact based on status/location	
Before Buckland	G	30.69	38	SE	Rte. 112	Ashfield	Franklin	Mass DEP Reportable Releases Look Up	Spill: 10/20/1994. 450 gallons of diesel fuel from a vehicle fuel tank. A permanent solution has been achieved, but contamination has not been reduced to background.	No impact based on status/location	
Residence	H	5.57	261	NW	422 Taylor Rd	Shelburne	Franklin	Mass DEP Reportable Releases Look Up	Spill: 8/27/2009. During demolition, an aboveground storage tank ("AST") that contained #2 fuel oil released approximately 20 gallons below slab. Absorbents were applied, and approximately 3,985 gallons of petroleum contaminated groundwater were evacuated and approximately 168.63 tons of petroleum contaminated soils were removed. Permanent solution met.	No impact based on status/location	
No Location Aid	H	7.85	434	SW	330 Upper Rd	Deerfield	Franklin	Mass DEP Reportable Releases Look Up	Spill: 12/11/2003. 150 gallons of heating oil. Permanent solution met.	No impact based on status/location	
Railyard	H	11.11	950	NW	Railroad Ave	East Deerfield	Franklin	Mass DEP Reportable Releases Look Up	Spill: 6/26/2000. Approximately 800 gallons from a rail car. A permanent solution has been achieved, but contamination has not been reduced to background.	No impact based on status/location	
Pan Am Railyard	H	11.11	950	NW	38 Railroad Ave	East Deerfield	Franklin	Mass DEP Reportable Releases Look Up	Multiple spills of diesel fuel, a spill of 10 gallons of lubrication oil, 100 pounds of hydrochloric acid, 60 gallons of hydraulic oil. Multiple RTNs for this site. Work still being performed at the site.	No impact based on status/location	

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
Northfield Mountain Station	H	18.74	454	NW	99 Millers Falls Rd	Northfield	Franklin	Mass DEP Reportable Releases Look Up	Spill: 8/9/1999. Reported hit of 1300 mg/kg of TPH. Remedial actions have not been conducted because a level of no significant risk exists.	No impact based on status/location	
Residential Street	H	22.69	1,113	SE	Old Wendell Rd	Northfield	Franklin	Mass DEP Reportable Releases Look Up	Spill: 12/8/1996. 21 gallons of transformer oil from a transformer. A permanent solution has been met, but contamination has not been reduced to background.	No impact based on status/location	
Northeast Investment Company	L	0.25	570	NE	955 Broadway St	Dracut	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 4/15/1988. Soil contaminated with chlorinated volatile organic compounds ("VOCs"). Soil was removed in 1982. During a Phase II, it was concluded that no significant risk to public health or safety or a risk of harm to the environment.	No impact based on status/location	
Fmr Exxon Terminal	L	0.25	497	NE	970 Broadway	Dracut	Middlesex	Mass DEP Reportable Releases Look Up	Spills: 1/15/1987 & 1/4/2001. No free product present in groundwater. Further remedial actions have not been conducted in 2001 because a level of no significant risk exists.	Site under evaluation. Evaluation to be completed in early 2016.	
No Location Aid	N	0.62	440	NE	1320 Methuen Street	Dracut	Middlesex	Mass DEP Reportable Releases Look Up	Rupture of logging truck tank releasing diesel fuel onto soil (4/10/2013). Approximately 20 gallons-release was contained with absorbent material and hay bales were placed to prevent impact to wetlands. Cleanup performed by New Energy Alliance.	No impact based on status/location	
Brox Quarry	N	0.68	1,156	NE	1471 Methuen St	Dracut	Middlesex	Mass DEP Reportable Releases Look Up	Two spills between 1993 and 2005 of hydraulic fluid and #2 fuel oil. A temporary solution is in place with semi-annual monitoring of non-aqueous phase liquid ("NAPL").	No impact based on status/location	
Rte. 110	N	1.23	856	NE	1166 Merrimack Ave	Dracut	Middlesex	Mass DEP Reportable Releases Look Up	Spill 11/19/2007. 43 gallons of non-PCB mineral oil dielectric fluid from an electrical transformer. Site closed.	No impact based on status/location	
No Location Aid	N	2.60	1,030	SW	1 Highwood Dr	Tewksbury	Middlesex	Mass DEP Reportable Releases Look Up	Spill 9/26/2002. 20 gallons of hydraulic oil. Site closed.	No impact based on status/location	
No Location Aid	N	3.01	703	SW	1920 Andover St	Tewksbury	Middlesex	Mass DEP Reportable Releases Look Up	Two spills between 1999 and 2009 of fuel oil and gasoline. Soil affected. Site closed.	No impact based on status/location	
Gardner Residence	N	3.77	394	NE	31 Brown St	Andover	Essex	Mass DEP Reportable Releases Look Up	Spill 8/11/2005. Site closed.	No impact based on status/location	
Near Tewksbury Line	N	4.84	447	NE	78 Blanchard St	Andover	Essex	Mass DEP Reportable Releases Look Up	Spill 10/8/1996. A temporary cleanup has been completed but it has not reached a level of no significant risk. The site will be evaluated every 5 years.	No impact based on status/location.	
No Location Aid	N	5.59	1,262	SW	1059 East St	Tewksbury	Middlesex	Mass DEP Reportable Releases Look Up	Spill 12/7/2006. 26 gallons of diesel fuel. Site closed.	No impact based on status/location	
Connor Construction Company (Former)	N	5.67	902	SW	1082 And 1120 East St	Tewksbury	Middlesex	Mass DEP Reportable Releases Look Up	Spill 12/13/2006. Chlorinated solvent compounds were detected in groundwater during site investigations. No remedial actions have been conducted because a level of no significant risk exists.	No impact based on status/location	
Tecfab Inc. Fmr	N	5.68	852	SW	1130 East St	Tewksbury	Middlesex	Mass DEP Reportable Releases Look Up	Spill 10/15/1988. A spill was supposedly reported, but never followed up with. A site review was conducted, and no significant risk exists.	No impact based on status/location	

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
Smith & Nephew Dyonics Inc.	N	5.83	5	SW	160 Dascomb Rd	Andover	Essex	Mass DEP Reportable Releases Look Up	Spill 10/1/1993. VOCs detected. Licensed site professional ("LSP") has determined that no further action was needed for the site.	Impact unlikely based on status/location No impact based on status/location	Age of release and site status
Off Route 93	N	5.84	354	NE	146 Dascomb Rd	Andover	Essex	Mass DEP Reportable Releases Look Up	Spill 11/14/1995. 100 gallons of #2 fuel oil from a UST. Site closed.	No impact based on status/location	
No Location Aid	N	5.96	1,005	SW	1650 Shawsheen St	Tewksbury	Middlesex	Mass DEP Reportable Releases Look Up	Spill 3/3/1999. 80 gallons of diesel fuel from a vehicle. Site closed.	No impact based on status/location	
Liquid Carbonic	N	5.96	771	SW	1685 Shawsheen St	Tewksbury	Middlesex	Mass DEP Reportable Releases Look Up	4 spills between 1986 and 1997 of methylnaphthalene, trichloroethane, trichloroethene, dimethylphenol and TPH, hydraulic oil and diesel. Site closed.	No impact based on status/location	
No Location Aid	N	6.03	1,083	SW	1635 Shawsheen St	Tewksbury	Middlesex	Mass DEP Reportable Releases Look Up	Spill 10/3/1995. Fuel oil from a UST. Site closed.	No impact based on status/location	
Tanker Truck Overfill Burt Road Substation	N	6.72	1,248	NE	Burt Rd	Andover	Essex	Mass DEP Reportable Releases Look Up	Spill: 6/17/2004. 15 gallons of mineral oil dielectric fluid and 16 gallons of transformer oil. Permanent solution met, but contamination has not been reduced to background.	Impact unlikely based on status/location No impact based on status/location	Quantity of release and distance from Project
Genetics Institute	N	6.73	1,180	NE	1 Burt Rd	Andover	Essex	Mass DEP Reportable Releases Look Up	4 spills between 1993 and 2004. Spills of toluene, trichlorofluoromethane, diesel. A permanent solution has been achieved but contamination has not been reduced to background for the diesel spill.	Impact unlikely based on status/location No impact based on status/location	Status and distance from Project
No Location Aid	N	8.05	187	NE	326 Ballardvale St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 8/20/1999. VOCs detected at 240 parts per million ("ppm") after 110 gallons of unknown substance from drums. Site closed.	Impact unlikely based on status/location No impact based on status/location	Age of release and site status
Dow Industries Inc.	N	8.09	70	NE	271 Ballardvale St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 12/1/2011. C9-C18 aliphatic hydrocarbons detected at 4,600 mg/kg and C19-C36 aliphatic hydrocarbons detected at 5,500 mg/kg. Site closed.	Impact unlikely based on status/location No impact based on status/location	Site status
Screenprint	N	8.09	70	NE	271 Ballardvale St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 4/15/1990. VOCs detected from UST. Not a disposal site. Closed.	Impact unlikely based on status/location No impact based on status/location	Age of release and site status
Route 125	N	8.09	70	NE	271 Ballardvale St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 10/18/1993. Gasoline detected at 55 ppm from a UST. Remedial actions have not been conducted because a level of no significant risk exists.	Impact unlikely based on status/location No impact based on status/location	Age of release and site status
No Location Aid	N	8.13	63	SW	Ballardville Rd	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 11/3/1997. 1.5 gallons of hydrochloric acid; 8 lbs. of hydrochloric acid from drums. A permanent solution has been achieved and contamination has been reduced to background.	No impact based on status/location	
No Location Aid	N	8.20	359	SW	255 Ballardvale	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 4/17/1998. Arsenic, lead and zinc detected. Site closed.	No impact based on status/location	
Pad-Mounted Transformer	N	8.20	359	SW	255 Ballardvale Rd	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 5/14/2003. 73 gallons of transformer oil. Site closed.	No impact based on status/location	
No Location Aid	N	8.24	555	SW	250 Ballardvale St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 11/1/2006. 55 gallons of isophorone diisocyanate. Site closed.	No impact based on status/location	

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
No Location Aid	N	8.26	761	SW	240 Ballardvale St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 4/17/1998. Arsenic, chromium, and silver detected on site. A permanent solution has been met.	No impact based on status/location	
No Location Aid	N	8.42	1,279	SW	220 Ballardvale St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 5/5/1997. 50 gallons of hydraulic fluid; 80 gallons of hydraulic oil. Site closed.	No impact based on status/location	
Proposed Detention Pond Area	N	8.72	1,174	SW	200 Ballardvale Street	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 9/9/2013-arsenic exceeded state standards; probably naturally occurring arsenic. Disposed of to Barre and Fitchburg Landfill.	No impact based on status/location	
Vacant Building	N	8.75	1,196	SW	150 Ballardvale St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 11/7/2007. Arsenic was detected during a site investigation. Site closed.	No impact based on status/location	
Industrial Development Site	N	8.93	1,027	NE	16 Upton Dr	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 1/15/1987. Contamination assumed to be from an upgradient property at 10 Upton Drive.	No impact based on status/location	
Century Reproductions Inc.	N	8.95	1,064	NE	10 Upton Dr	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 1/15/1987. LSP specified no further action required.	No impact based on status/location	
Dew Garage	N	9.20	1,047	SW	135 Andover St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Three spills between 8/8/2000 & 11/15/2005: Petroleum with active remediation.	No impact based on status/location.	
Gravel Pit	N	10.04	616	NE	900 Salem Street	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Vehicle accident, spill of hydraulic fluid (15 gallons) on 2/13/2015. Closed.	No impact based on status/location	
No Location Aid	N	10.05	321	NE	500 To 773 Salem Street	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Vehicle accident between two dump trucks (8/21/2014). Approximate spill of 35 gallons. No impact to catch basins, storm drains, or surface water.	No impact based on status/location	
Rte. 62 Heffron	N	10.06	303	SW	800 Salem St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill 4/20/2003. Lead discovered after a barn fire. Site closed.	No impact based on status/location	
Residential Property	N	10.43	644	SW	45 Linwood Ave	North Reading	Middlesex	Mass DEP Reportable Releases Look Up	Spill 4/20/2003. Lead detected. Site closed.	No impact based on status/location	
Residence	N	11.35	1,108	SW	32 Eames St	North Reading	Middlesex	Mass DEP Reportable Releases Look Up	Spill 1/26/2009. #2 fuel oil. Several holes noted in UST during removal. Storm drains and catch basins were not impacted. Site closed.	No impact based on status/location	
Residence	N	11.35	1,307	SW	25 Eames St	North Reading	Middlesex	Mass DEP Reportable Releases Look Up	Spill 1/12/2010. Approximately 200 gallons of heating oil. A NAPL/groundwater recovery system was operating at the site, but as of May 2010, it had been shut down. Potentially responsible party was financially unable to perform next step of response actions, and no update provided past May 2010 on MassDep website.	No impact based on status/location.	
Lot 2 Map 24	N	11.42	728	NW	86 Main St	North Reading	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 3/14/1996. Petroleum hydrocarbons detected. Remedial actions have not been conducted because a level of no significant risk exists.	No impact based on status/location	
Exxon Station	N	11.42	543	NE	85 Main St	Reading	Middlesex	Mass DEP Reportable Releases Look Up	Multiple spills between 2000 and 2009. Gasoline. Multiple RTNs for this Exxon site. Air sparging and soil vapor extraction treatment system. During site closure, 2-methylnaphthalene was detected.	No impact based on status/location.	
No Location Aid	N	11.42	438	NE	79 Main St	North Reading	Middlesex	Mass DEP Reportable Releases Look Up	Spill 11/3/2003. C9 through C10 aromatic hydrocarbons at 3,600 micrograms per liter. Site closed.	No impact based on status/location	

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
Gulf Station (Fmr Exxon)	N	11.42	543	NE	85 Main St	Reading	Middlesex	Mass DEP Reportable Releases Look Up	Multiple spills between 2000 and 2009. Gasoline. Multiple RTNs for this Exxon site. Air sparging and soil vapor extraction treatment system. During site closure, 2-methylnaphthalene was detected.	No impact based on status/location	
No Location Aid	N	12.53	1,287	NE	26 Cedar St	North Reading	Middlesex	Mass DEP Reportable Releases Look Up	Spill 8/2/2000. 15 gallons of hydraulic fluid; 7 gallons of motor oil. Site closed.	No impact based on status/location	
Camp Curtis Guild	N	12.72	159	NW	25 Haverhill St	Reading	Middlesex	Mass DEP Reportable Releases Look Up	Four spills: one in May 1996, two in July 1996, and one in 2005. #2 fuel oil and diesel. Site closed. Activity and use limitation. Antimony, copper and lead at site.	No impact based on status/location	
No Location Aid	N	13.31	1,036	NE	30 Marshall St	North Reading	Middlesex	Mass DEP Reportable Releases Look Up	2 Spills during 2001 of fuel oil #2. Site closed.	No impact based on status/location	
Bostik	O	2.81	97	NW	211 Boston Street	Middleton	Essex	Mass DEP Reportable Releases Look Up	Several spills between 1987 and 2011. Soil that has been effected by PCB leaching from building caulking.	No impact based on status/location	
Property	O	3.92	529	NE	24 Hilldale Ave	Middleton	Essex	Mass DEP Reportable Releases Look Up	Spill 3/17/1994. Petroleum. Site closed.	No impact based on status/location	
Residence	O	5.32	1,138	NE	250 Andover Street	Danvers	Essex	Mass DEP Reportable Releases Look Up	Spill 9/1/2011. Approximately 352 fuel oil and 586 #2 fuel oil. Product and tank /piping removed. Monitoring wells installed; site closed.	No impact based on status/location	
Off Lowell/Rte. 110-Dracut	P	2.93	411	NW	220 Wheeler St	Methuen	Essex	Mass DEP Reportable Releases Look Up	Spill: 10/23/1993. 20 gallons of diesel fuel from a tanker truck. Threat of release has been eliminated.	No impact based on status/location	
No Location Aid	P	4.41	665	SE	Westwind Dr	Methuen	Essex	Mass DEP Reportable Releases Look Up	Spill: 6/14/2004. 31 gallons of hydraulic fluid. A permanent solution has been achieved and contamination has been reduced to background.	No impact based on status/location	
West Methuen Substation	P	5.46	839	SE	Pelham St	Methuen	Essex	Mass DEP Reportable Releases Look Up	4 spills from 1999 to 2001. Mineral oil. Site closed.	No impact based on status/location	
Pole Number 1751	P	6.26	1,310	NW	Hampshire Rd	Methuen	Essex	Mass DEP Reportable Releases Look Up	Spill 10/12/2006. Transformer release of mineral oil dielectric fluid. Site closed.	No impact based on status/location	
Downgradient Property	P	7.10	1,170	SE	55 Hampshire Rd	Methuen	Essex	Mass DEP Reportable Releases Look Up	Spills on 2/9/1995 and 12/16/2008. Site closed. Activity and Use Limitation has been implemented.	No impact based on status/location	
Fitchburg Gas & Electric Transformer Release	Q	9.37	920	NE	130 Lunenburg Rd	Townsend	Middlesex	Mass DEP Reportable Releases Look Up	Spill 2/3/2007. Mineral oil dielectric fluid from an electrical transformer. Site closed.	No impact based on status/location	
Clutch And Brake	Q	13.29	1,041	NE	420 Massachusetts Ave	Lunenburg	Worcester	Mass DEP Reportable Releases Look Up	Spills on 4/1/1999 and 2/25/2002. Site closed.	No impact based on status/location	
Roadway Release	Q	13.38	474	SW	Lunenburg St	Lunenburg	Worcester	Mass DEP Reportable Releases Look Up	Spill 5/13/1997. 40 gallons of hydraulic oil. Site closed.	No impact based on status/location	
S & S Concrete Floors Inc.	Q	13.39	325	SW	Rte. 2A And Rte. 13	Lunenburg	Worcester	Mass DEP Reportable Releases Look Up	Spill 10/16/2001. 43 gallons of hydraulic oil. Site closed.	No impact based on status/location	
Residences	Q	13.43	1,188	NE	23 24 25 Hollis Rd	Lunenburg	Worcester	Mass DEP Reportable Releases Look Up	Spill 2/25/2002. Lead detected at 49.4 parts per billion ("ppb"). Remedial actions have not been conducted because a level of no significant risk exists.	No impact based on status/location	
Wal-Mart Stores, East Lp	Q	13.43	1,217	SW	301 Massachusetts Ave	Lunenburg	Worcester	Mass DEP Reportable Releases Look Up	Spill 1/20/2005. 10 gallons of hydraulic fluid. Site closed.	No impact based on status/location	

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/ Town	County				
New Hampshire											
Troy Mills Landfill	I	13.5	110	N-NE	60 Quarry Road	Troy	Cheshire	USEPA Region I	Two acre drum disposal area. 7,692 buried drums, 29,924 gallons of flammable liquid waste, 3,099 cubic yards of sludge, and 26,244 tons of heavily contaminated soil removed in 2005. Site remedy is monitored natural attenuation, free product removal, maintenance of soil cap over drum excavation area, and intuitional controls.	Impact unlikely based on status/ location	
Hannaford Bros. Co.	I	23.02	897	NE	752 Route 202	Rindge	Cheshire	New Hampshire Department of Environmental Services. OneStop	Spill: 2/27/1998.Traffic accident. No further action issued 10/15/2008.	No impact based on status/ location	
Traditions Village	J	5.25	1080	S	49 Skinny Cat Road	New Ipswich	Cheshire	EPA Brownfields Property Progress Profile	Lead-contaminated soil. Phase II Environmental Assessment completed 10/10/12	No impact based on status/ location	
Wal-Mart Store #1796	J	19.82	1,103	NE	85 NH Route 101A	Amherst	Hillsborough	New Hampshire Department of Environmental Services. OneStop	Two large truck oil filters dumped at edge of retention pond on 11/14/2007. 1 gallon of waste oil. 1 gallon of petroleum, reported 6/16/2006. Both closed.	No impact based on status/ location	
Bassett Bedding	J	20.00	545	SW	14 Columbia Drive	Amherst	Hillsborough	New Hampshire Department of Environmental Services. OneStop	Spill of diesel fuel on 12/8/1997. CYN removed impacted soil. No further action required.	No impact based on status/ location	
Merrimack Valley Baptist Church	J	21.13	1,179	NW	517 Boston Post Road	Merrimack	Hillsborough	New Hampshire Department of Environmental Services. OneStop	Spill: 1/6/2010. No action necessary. Closed	No impact based on status/ location	
Merrimack Industrial Metals, Inc.	J	21.22	Crosses Property	N/A	734A Milford Road	Merrimack	Hillsborough	EPA Waste Site Cleanup & Reuse; EPA Brownfields Property Progress Profile	Former metals recycling facility in operation from 1963 to 1999. Groundwater, drinking water, and soil contamination with lead, VOCs, SVOCs. Phase II Environmental Assessment started 9/26/05, Supplemental Assessment started 10/17/05 and completed 3/14/07, Phase I Environmental Site Assessment completed 5/29/2009. Remedial measures included operation of a pump and treatment system (date unknown) and stabilization and removal of impacted soil in 2019 -2010 and installation of geotextile/earthen cap over contaminated soils which that remained in place. Institutional controls are required.	Evaluating for potential impacts	
Exxon Division Of Cfi 70111	J	21.89	648	SW	1 Continental Blvd	Merrimack	Hillsborough	New Hampshire Department of Environmental Services. OneStop	Multiple Spills: 4/26/2000, 2/6/2006. Site is in the Groundwater Monitoring Program and is currently being monitored.	Evaluating for potential impacts	
Anheuser Busch, Inc.	J	25.70	Crosses Property	N/A	221 Daniel Webster Highway	Merrimack	Hillsborough	New Hampshire Department of Environmental Services. OneStop	700 gallon spill of #6 fuel oil (4/18/00), regulatory action completed/closed 9/30/00.	Impact unlikely based on status	
Eastern Seaboard Package Truck Spill	J	22.07	1,267	SE	650 Amherst Street	Nashua	Hillsborough	New Hampshire Department of Environmental Services. OneStop	Spill: 5/21/1998. 30 gallons of diesel fuel. Closed.	No impact based on status/ location	

**Table 8.3-9
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Pipeline**

Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
			Distance from Pipeline (feet)	Direction from Pipeline	Street	Township/Town	County				
Abandon 275 Gallon AST Site	J	32.76	103	SW	Proximity Of #2 Lenny Lane	Hudson	Hillsborough	New Hampshire Department of Environmental Services. OneStop	Spill: 6/21/2001 1 gallon of #2 fuel oil during abandonment of 275 gallon AST with small product in it. Closed.	Impact unlikely based on status —No impact based on status/location	Quantity of release and site status
David Buscema Residence	J	35.13	936	SW	1104 Mammoth Road	Pelham	Hillsborough	New Hampshire Department of Environmental Services. OneStop	Spill: 5/20/2010. 30 gallons of hydraulic oil after vehicle accident. Closed.	No impact based on status/location	
Jeffrey Law	J	39.43	711	SW	7 Old Lawrence Road	Pelham	Hillsborough	New Hampshire Department of Environmental Services. OneStop	Spill: 12/31/1998. 50 gallons of #2 fuel oil from AST. Closed.	No impact based on status/location	
Pacific Moon Restaurant	P	7.44	905	NW	396 S. Broadway	Salem	Rockingham	New Hampshire Department of Environmental Services. OneStop	Spill: 1/15/1999. 50 gallons of #2 fuel oil.	No impact based on status/location	
Granite State Electric Spill	P	7.46	979	SE	470 South Broadway	Salem	Rockingham	New Hampshire Department of Environmental Services. OneStop	Spill: 11/30/2001. No sources. Closed.	No impact based on status/location	
Newman Ford Sales	P	7.46	979	SE	470 S Broadway	Salem	Rockingham	New Hampshire Department of Environmental Services. OneStop	Spill: 11/27/2001. 35 gallons of transformer non-PCB. Closed.	No impact based on status/location	
Connecticut											
Residential Property	S	11	948	NW	542 Tunxis Avenue Extension	Bloomfield	Hartford	Riese 2014, Connecticut Government 2015	Hazardous Notification in 2009 (Leaking above-ground tank). Impacted soil removed.	No impact based on status/location	

Sources: MADEP 2015; NHDES 2015a; NYSDEC 2015h; PADEP 2015b; Riese 2014; State Impact Pennsylvania 2015; Supey 2014; USEPA 2014, 2015d, 2015e, 2015f, 2015g and 2015h.

¹ Each segment is associated with its own set of MPs beginning at MP 0.00.

Table 8.3-10
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Meter Stations and Compressor Stations

Facility Name	Facility Type	Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
					Distance from Facility (feet)	Direction from Facility	Street	Township/ Town	County				
Pennsylvania													
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
New York													
Market Path Mid Station 1	Compressor Station	Bonificio Residential, Burden Lake Rd @ Millers Corners	F	40.63	1,304	NE	Burden Lake Rd @ Millers Corners	Nassau	Rensselaer	Department of Environmental Conservation, Spill Incidents Database	Spill: 1/17/1990. 800 gallons of #2 fuel oil. Groundwater affected. Spill closed.	No impact based on status/location	
Massachusetts													
Market Path Tail Station	Compressor Station	Exxon Terminal Former	K	1.05	16	SE	970 Broadway Rd	Dracut	Middlesex	Mass DEP Reportable Releases Look Up	Spills: 1/15/1987 & 1/4/2001. No free product present in groundwater. Further remedial actions have not been conducted in 2001 because a level of no significant risk exists.	Site under evaluation. Evaluation to be completed in early 2016.	
Market Path Tail Station	Compressor Station	Northeast Investment Company	K	1.05	35	SE	955 Broadway St	Dracut	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 4/15/1988. Soil contaminated with chlorinated VOCs. Soil was removed in 1982. During a Phase II, it was concluded that no significant risk to public health or safety or a risk of harm to the environment.	No impact based on status/location	
Market Path Tail Station	Compressor Station	Verizon Facility	K	1.05	1,200	NE	28 Diana Lane	Dracut	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 11/25/2014. Arsenic and C19 thru C36 hydrocarbons detected. Unclassified.	Impact unlikely based on status/location	
200-1 Check	Meter Station	No Location Aid	N	14.28	1,250	NW	22 Hickory Ln	North Reading	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 7/23/2002. 12 gallons of mineral oil dielectric fluid and 15 gallons of transformer oil. A permanent solution has been met but has not been reduced to background.	No impact based on status/location	
Everett	Meter Station	New England Produce Center	N/A	N/A	1,134	SE	90 New England Produce Center	Chelsea	Suffolk	Mass DEP Reportable Releases Look Up	Two spills: 4/16/2014 and 6/17/2015. 1 lbs. of manufactured gas plant ("MGP") waste and a detection of total petroleum hydrocarbons at 145 mg/kg. Both spills are labeled as utility-related abatement measure ("URAM"), which means a release tracking number has been assigned to a release where a utility-abatement measure is being or was performed.	Impact unlikely based on status	
Everett	Meter Station	Beacham Street Sewer Manhole	N/A	N/A	1,008	SW	210 Beacham St	Everett	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 10/23/2007. Food grade oils of unknown amount. A permanent solution has been achieved; contamination has been reduced to background.	No impact based on status/location	
Everett	Meter Station	Behen	N/A	N/A	903	SE	250 Beacham St	Everett	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 1/15/1987. Unknown chemical of unknown amount. No further action by MADEP.	No impact based on status/location	

Table 8.3-10
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Meter Stations and Compressor Stations

Facility Name	Facility Type	Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
					Distance from Facility (feet)	Direction from Facility	Street	Township/Town	County				
Everett	Meter Station	Chelsea Fmr Island End River Oxbow	N/A	N/A	1,160	SW	Beacham St	Everett	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 7/23/1999. Coal tar, benzo(a)pyrene, benzo(b)fluoranthene, and benz(a)anthracene detected at site. An Activity and Use Limitation ("AUL") exists at site. The site must be evaluated every five years.	No impact based on status/location	
Everett	Meter Station	Eastern Back Park Lot	N/A	N/A	1,021	SW	201 Beacham St	Everett	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 6/15/2000. 50 gallons of diesel fuel from a vehicle. A permanent solution has been met, but not reduced to background.	No impact based on status/location	
Everett	Meter Station	Market St	N/A	N/A	1,048	SE	300 Beacham St	Chelsea	Suffolk	Mass DEP Reportable Releases Look Up	Spill: 5/26/2003. 45 gallons of diesel from a vehicle. A permanent solution has been achieved and contamination has been reduced to background.	No impact based on status/location	
Everett	Meter Station	Monarch Foods Parking Lot	N/A	N/A	1,007	SW	212 Beacham St	Everett	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 8/2/1995. 50 gallons of diesel fuel from a vehicle. A permanent solution has been achieved and contamination has been reduced to background.	No impact based on status/location	
Everett	Meter Station	New England Produce Market	N/A	N/A	1,048	SE	300 Beacham St	Chelsea	Suffolk	Mass DEP Reportable Releases Look Up	Multiple spills: 9/12/2000, 8/4/2003, 9/15/2009, 9/28/2011, 8/11/2015. Spills involved hydraulic oil and diesel fuel. All spills are categorized as permanent solution has been achieved or permanent solution with no conditions.	No impact based on status/location	
Everett	Meter Station	New England Produce Center	N/A	N/A	1,160	SW	300 Beacham St	Everett	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 9/18/2000. 35 gallons of diesel fuel. Permanent solution has been achieved and contamination has been reduced to background.	No impact based on status/location	
Everett	Meter Station	No Location Aid	N/A	N/A	1,027	SW	217 Beacham St	Everett	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 12/12/2003. 7-inch of NAPL. Prior spill exists at this site, and the site is listed as a temporary cleanup. It does not present a "substantial hazard", it has not reached a level of no significant risk. Site is to be evaluated every 5 years.	No impact based on status/location	
Everett	Meter Station	No Location Aid/U.S. Food Service	N/A	N/A	1,021	SW	201 Beacham St	Everett	Middlesex	Mass DEP Reportable Releases Look Up	Multiple spills between 1996 and 2008. Fuel oil, diesel oil. All releases have been determined that a permanent solution has been reached, and contamination reduced to background.	Impact unlikely based on status/location	Distance from Project and site status
Everett	Meter Station	No Location Aid	N/A	N/A	1,011	SW	Behen and Beacham Streets	Everett	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 9/6/2011. Semivolatile organic compounds and total petroleum hydrocarbons detected. A release tracking number has been assigned to a release where a utility-abatement measure is being or was performed.	Impact unlikely based on status	

Table 8.3-10
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Meter Stations and Compressor Stations

Facility Name	Facility Type	Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
					Distance from Facility (feet)	Direction from Facility	Street	Township/ Town	County				
Everett	Meter Station	Penn Transport	N/A	N/A	1,007	SW	212 Beacham St	Everett	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 1/15/1987. Unknown chemical of unknown amount. From a UST. A permanent solution has been achieved, contamination has not been reduced to background, and an AUL has been implemented.	Impact unlikely based on status	
Everett	Meter Station	Roadside	N/A	N/A	1,170	SE	167 Beacham St	Chelsea	Suffolk	Mass DEP Reportable Releases Look Up	Spill: 4/26/2001. 50 gallons of diesel fuel. A permanent solution has been achieved, but contamination has not been reduced to background.	Impact unlikely based on status No impact based on status/location	Distance and site status
Everett	Meter Station	William St Coal Tar Dump Fmr	N/A	N/A	863	SE	276 Beacham St	Chelsea	Suffolk	Mass DEP Reportable Releases Look Up	Spill: 1/15/1989. Unknown chemical of unknown amount. Remedial actions have not been conducted because a level of no significant risk exists. AUL implemented at site. A second spill occurred on 6/22/2015, which consisted of 12 gallons of diesel. This spill is still uncategorized.	Impact unlikely based on status	
North Adams Custody (20103)	Meter Station	Berkshire Anodizing	N/A	N/A	645	SE	59 Hodges Cross Rd	North Adams	Berkshire	Mass DEP Reportable Releases Look Up	Spills: 5/21/1999 and 3/22/2010. TCE detected at 239 ppb. Nickel detected at 33.6 mg/kg. No remedial action has been conducted because no significant risk exists.	Impact unlikely based on status No impact based on status/location	Age of release and site status
North Adams Custody (20103)	Meter Station	Former North Adams Plaza	N/A	N/A	907	SW	Route 8	North Adams	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 3/16/2009. Benzene and C5 thru C8 aliphatic hydrocarbons detected. O&M during long-term treatment processes are implemented to track cleanup progress.	No impact based on status/location	
North Adams Custody (20103)	Meter Station	LaValley Oil Bulk Terminal	N/A	N/A	583	SE	Hodges Cross Rd	North Adams	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 7/28/2005 and 6/17/2006. Detection of C9-C12, C9-C18, and C11-C22 detected from an AST. 50 gallons of diesel fuel. Site is categorized as Tier 2.	No impact based on status/location	
North Adams Custody (20103)	Meter Station	North Adams Plaza	N/A	N/A	907	SW	Route 8	North Adams	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 6/11/2001. C9 through C18 aliphatic hydrocarbons detected. Permanent solution has been achieved and contamination has been reduced to background.	Impact unlikely based on status No impact based on status/location	Distance from Project and site status
North Adams Custody (20103)	Meter Station	Sure Oil	N/A	N/A	1,226	SW	Curran Way	North Adams	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 2/26/1987. Petroleum from UST. A permanent solution has been achieved but contamination has not been reduced to background.	No impact based on status/location	
Lawrence (20103)	Meter Station	Roadway	N/A	N/A	1,195	SE	20 Aberdeen Road	Methuen	Essex	Mass DEP Reportable Releases Look Up	Spill: 10/3/2013. 14 gallons of hydraulic fluid. Permanent solution achieved.	Impact unlikely based on status No impact based on status/location	Distance from Project and site status

Table 8.3-10
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Meter Stations and Compressor Stations

Facility Name	Facility Type	Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
					Distance from Facility (feet)	Direction from Facility	Street	Township/Town	County				
Southbridge (20108)	Meter Station	Bridge Removal Project	N/A	N/A	379	NW	N. Woodstock Rd & E Main St	Southbridge	Worcester	Mass DEP Reportable Releases Look Up	Spill: 9/12/2012. Dieldrin and polychlorinated biphenyls detected from roadway. Permanent solution achieved, but contamination has not been reduced to background.	Impact unlikely based on status	
Southbridge (20108)	Meter Station	Former Shell Station	N/A	N/A	766	SE	491 East Main St	Southbridge	Worcester	Mass DEP Reportable Releases Look Up	Two spills: 4/15/1989 and 11/5/2007. Unknown chemical of unknown amount. Permanent solution has been met, but contamination has not been reduced to background.	No impact based on status/location	
Southbridge (20108)	Meter Station	Getty Station	N/A	N/A	748	NW	333 East Main St	Southbridge	Worcester	Mass DEP Reportable Releases Look Up	Spills: 13/12/1997 and 3/15/1999. Detection of benzo anthracene, benzo pyrene, benzo fluoranthene. Permanent solution met but contamination has not been reduced to background.	No impact based on status/location	
Southbridge (20108)	Meter Station	MD Motors	N/A	N/A	36	NE	401 East Main St	Southbridge	Worcester	Mass DEP Reportable Releases Look Up	Spills: 7/15/1989 and 12/11/1998. Waste oil of unknown amount from junkyard. Tier 2.	No impact based on status/location.	
Southbridge (20108)	Meter Station	Xtra Mart	N/A	N/A	265	SE	464 East Main St	Southbridge	Worcester	Mass DEP Reportable Releases Look Up	Spills: 11/12/1996, 4/22/1997 and 6/20/2001. Kerosene and TPH. Primary RTN determined permanent solution achieved, but contamination has not been reduced to background. Other RTNs closed.	Impact unlikely based on status/location	
Spencer (20191)	Meter Station	Fmr Plante Auto Body	N/A	N/A	1,084	NW	37 Main St	Spencer	Worcester	Mass DEP Reportable Releases Look Up	Spill: 9/16/2010. Aromatic hydrocarbons detected from UST. Permanent solution has been achieved but contamination has not been reduced to background. AUL exists at the site.	No impact based on status/location	
Spencer (20191)	Meter Station	Keyspan Roadway Release	N/A	N/A	1,223	NE	Pearl St	Spencer	Worcester	Mass DEP Reportable Releases Look Up	Spill: 12/12/2006. Aromatic hydrocarbons detected. A release tracking number has been assigned to a release where a utility-abatement measure is being or was performed.	No impact based on status/location	
Lexington (20192)	Meter Station	Hanscom Air Force Base	N/A	N/A	442	NW	104 Barksdale St Building 1520	Bedford	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 3/15/2010. 150 gallons of hydraulic oil. Permanent solution achieved, but contamination has not reduced to background.	No impact based on status/location	
Lexington (20192)	Meter Station	Hanscom Air Force Base	N/A	N/A	409	NW	Grenier at Barksdale Sts	Bedford	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 6/24/2008. Methane and VOCs detected. Permanent solution met.	No impact based on status/location	
Lexington (20192)	Meter Station	Hanscom Air Force Base	N/A	N/A	931	SW	120 Grenier Rd Building 1612	Lincoln	Middlesex	Mass DEP Reportable Releases Look Up	Spills: 6/1/1995. 1200 lbs. of trichlorofluoromethane. Remedial actions have not been conducted because a level of no significant risk exists.	No impact based on status/location	
Lexington (20192)	Meter Station	No Location Aid	N/A	N/A	1,090	NE	131 Hartwell Ave	Lexington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 12/31/2013. 150 gallons from AST. Tier 2/Phase II.	No impact based on status/location	
Lexington (20192)	Meter Station	Power Plant Hanscom Air Force Base	N/A	N/A	983	SE	145 Randolph Rd	Lexington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 4/2/2007. 30 gallons of #6 fuel oil. Permanent solution achieved.	No impact based on status/location	
Burlington (20341)	Meter Station	Bellofram Corp	N/A	N/A	782	NE	30 Blanchard Rd	Burlington	Middlesex	Mass DEP Reportable Releases Look Up	Spills: 3/10/1988 and 12/1/1994. Gasoline/VOCs; #2 fuel oil from UST. RTNs closed.	No impact based on status/location	

Table 8.3-10
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Meter Stations and Compressor Stations

Facility Name	Facility Type	Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
					Distance from Facility (feet)	Direction from Facility	Street	Township/ Town	County				
Burlington (20341)	Meter Station	FMR High Voltage Eng. Corp/Bellofram Site	N/A	N/A	793	NE	3 Van De Graaff Dr	Burlington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 10/1/1993. VOCs detected. Class C-a temporary cleanup. Although the site does not present a substantial hazard, it has not reached a level of no significant risk. The site must be evaluated every 5 years.	Impact unlikely based on status/location	
Burlington (20341)	Meter Station	No Location Aid	N/A	N/A	1,086	SW	76 Blanchard Rd	Burlington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 9/17/2012. 165 gallons of MODF non-PCB. Permanent solution has been achieved, but contamination has not reduced to background.	No impact based on status/location	
Burlington (20341)	Meter Station	No Location Aid	N/A	N/A	1,191	SW	78 Blanchard Rd	Burlington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 7/7/1999. 1,1-dichloroethene, tetrachloroethene and trichloroethene detected. Contamination is coming from an upgradient property.	No impact based on status/location	
Burlington (20341)	Meter Station	NStar 1000 KVA Transformer	N/A	N/A	700	SW	70 Blanchard Rd	Burlington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 11/15/2006. Mineral oil-dielectric fluid. Permanent solution met, but contamination has not been reduced to background.	No impact based on status/location	
Burlington (20341)	Meter Station	Tech Weld Corp	N/A	N/A	700	SW	70 Blanchard Rd	Burlington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 10/15/1989. VOCs detected, possibly from septic. Contamination is coming from a property from an upgradient property.	No impact based on status/location	
Arlington (20115)	Meter Station	No Location Aid	N/A	N/A	235	SE	38 Towers Rd	Arlington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 6/6/1996. #2 Fuel Oil from UST. Permanent solution met, but contamination has not been reduced to background.	No impact based on status/location	
Arlington (20115)	Meter Station	No Location Aid	N/A	N/A	169	NW	7 Mohawk Rd	Arlington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 4/23/1994. #2 fuel oil from residential UST. Permanent solution has been met, but contamination has not been reduced to background.	No impact based on status/location	
Arlington (20115)	Meter Station	Property	N/A	N/A	1,115	SE	12 Dickson Ave	Arlington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 10/1/1993. Unknown chemical of unknown amount, probably UST. Permanent solution met, but contamination has not been reduced to background.	No impact based on status/location	
Arlington (20115)	Meter Station	Ridge Street	N/A	N/A	1,274	SE	32 Teresa Cir	Arlington	Middlesex	Mass DEP Reportable Releases Look Up	Spills: 11/12/1997. 100 gallons of #2 fuel oil from residential AST. Permanent solution met, but contamination not reduced to background.	No impact based on status/location	
Reading (20136)	Meter Station	Electric Substation 4	N/A	N/A	355	SW	45 Causeway Rd	Reading	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 9/3/2009. Aroclor 1232 detected 9.1 mg/kg. Permanent solution has been met but contamination has not been reduced to background.	No impact based on status/location	
Reading (20136)	Meter Station	Route 129	N/A	N/A	376	SW	Causeway St	Reading	Middlesex	Mass DEP Reportable Releases Look Up	Spills: 10/2/2000. 30 gallons of paint waste from drums. Permanent solution achieved.	No impact based on status/location	
Pittsfield (20102)	Meter Station	Behind Teos Restaurant	N/A	N/A	315	SW	30 Commercial St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 5/29/1997. 127 gallons of diesel fuel. Permanent solution met.	No impact based on status/location	
Pittsfield (20102)	Meter Station	Brook	N/A	N/A	894	NE	Merrill Rd	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 11/22/2006. Gasoline from unknown source. Remedial actions have not been conducted because a level of no significant risk exists.	No impact based on status/location	

Table 8.3-10
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Meter Stations and Compressor Stations

Facility Name	Facility Type	Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
					Distance from Facility (feet)	Direction from Facility	Street	Township/Town	County				
Pittsfield (20102)	Meter Station	Cogen Plant	N/A	N/A	844	NW	235 Merrill Rd	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 8/6/2002. 9 lbs. of Sodium hypochlorite. Remedial actions have not been conducted because a level of no significant risk exists.	No impact based on status/location	
Pittsfield (20102)	Meter Station	Flynn Volkswagen	N/A	N/A	894	NE	Merrill Rd	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 10/2/1990. Petroleum of unknown amount from UST. A permanent solution has been achieved, but contamination has not been reduced to background. An AUL exists at this site.	No impact based on status/location	
Pittsfield (20102)	Meter Station	K10 10 31	N/A	N/A	1,243	SW	Grand Ave	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 11/12/1999. PCBs. DEP has a memorandum of understanding or other written agreement with a responsible party.	No impact based on status/location	
Pittsfield (20102)	Meter Station	MA Rail Yard	N/A	N/A	1,271	NW	1355 East St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spills: 2/17/2006. 40 lbs. of ethanol. Remedial actions have not been conducted because a level of no significant risk exists.	No impact based on status/location	
Pittsfield (20102)	Meter Station	Merrill Road Complaint	N/A	N/A	1,179	NW	171 Merrill Rd	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 1/15/1989. Unknown chemical of unknown amount. DEP has determined that this location did not need to be reported and are not disposal sites.	No impact based on status/location	
Pittsfield (20102)	Meter Station	Northeast of Larch Street	N/A	N/A	894	NE	Merrill Rd	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 3/25/2004. 10 gallons of get fuel. Permanent solution achieved, but contamination has not been reduced to background.	No impact based on status/location	
Pittsfield (20102)	Meter Station	No Location Aid	N/A	N/A	1,081	NW	1400 East St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 8/13/2001. PCBs detected. DEP has a memorandum of understanding or other written agreement with a responsible party.	No impact based on status/location	
Pittsfield (20102)	Meter Station	Parcel K10-11-102 Part of Site Geaco230	N/A	N/A	501	SW	0 Commercial St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 9/10/2004. PCBs detected. A temporary cleanup. The site does not present a substantial hazard, it has not reached a level of no significant risk. Site must be evaluated every 5 years.	Impact unlikely based on status/location; however, further evaluation is being conducted. No impact based on status/location	No excavation planned for meter station. All upgrades are inside current structures.
Pittsfield (20102)	Meter Station	Parcel K10-11-102 Part of Site Geaco230	N/A	N/A	365	SW	35 Commercial St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 4/19/2001. PCBs detected. A temporary cleanup. The site does not present a substantial hazard, it has not reached a level of no significant risk. Site must be evaluated every 5 years.	Impact unlikely based on status/location; however, further evaluation is being conducted. No impact based on status/location	No excavation planned for meter station. All upgrades are inside current structures.

Table 8.3-10
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Meter Stations and Compressor Stations

Facility Name	Facility Type	Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
					Distance from Facility (feet)	Direction from Facility	Street	Township/ Town	County				
Pittsfield (20102)	Meter Station	Parcel K10-11-102 Part of Site Geaco230	N/A	N/A	315	SW	30 Commercial St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 8/18/1995. PCB-contaminated material. A temporary cleanup. The site does not present a substantial hazard, it has not reached a level of no significant risk. Site must be evaluated every 5 years.	Impact unlikely based on status/location; however, further evaluation is being conducted. No impact based on status/location	No excavation planned for meter station. All upgrades are inside current structures.
Pittsfield (20102)	Meter Station	Parcel K10-11-102 Part of Site Geaco230	N/A	N/A	327	NW	1450 East St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 8/20/2004. PCBs detected. Temporary cleanup. Although the site does not present a substantial hazard, it has not reached a level of no significant risk. The site must be evaluated every 5 years.	Impact unlikely based on status/location; however, further evaluation is being conducted. No impact based on status/location	No excavation planned for meter station. All upgrades are inside current structures.
Pittsfield (20102)	Meter Station	Pittsfield Generating Plant	N/A	N/A	844	NW	235 Merrill Rd	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 7/19/2013. 15 gallons of #2 fuel oil. A permanent solution has been achieved, but contamination has not been reduced to background.	No impact based on status/location	
Pittsfield (20102)	Meter Station	Pittsfield Sand & Gravel	N/A	N/A	701	NE	1530 East St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spills: 1/24/1996 and 4/27/1999. 15 gallons of hydraulic oil and 40 gallons of diesel fuel. Both spills achieved permanent solution.	No impact based on status/location	
Pittsfield (20102)	Meter Station	Right Of Way	N/A	N/A	1,243	SW	Grand Ave	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 1/14/2000. PCBs detected. DEP has a memorandum of Understanding or other written agreement with a responsible party.	Impact unlikely based on status/location No impact based on location	No excavation planned for meter station. All upgrades are inside current structures.
Pittsfield (20102)	Meter Station	Ryder Truck Rental	N/A	N/A	315	SW	30 Commercial St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 4/3/1995 and 4/4/1995 Gasoline and diesel fuel from UST. Remedial actions have not been implemented because a level of no significant risk exists, but an AUL exists at the site.	No impact based on status/location	
Pittsfield (20102)	Meter Station	West Side of GE Building OP-3	N/A	N/A	894	NE	Merrill Rd	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 6/10/1994. Unknown chemical of oil, from drums. DEP has a memorandum of understanding or other written agreement with a responsible party.	Impact unlikely based on status/location No impact based on location	No excavation planned for meter station. All upgrades are inside current structures.
North Adams Regulator	Meter Station	Freadman Steel Co.	N/A	N/A	1,184	NW	1625 East St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 7/15/1994. Aroclor detected. Permanent solution met, but contamination is not reduced to background.	No impact based on status/location	
North Adams Regulator	Meter Station	J.H. Maxymillian Yard	N/A	N/A	984	NE	1801 East St	Pittsfield	Berkshire	Mass DEP Reportable Releases Look Up	Spill: 4/30/2003. 50 gallons of #2 fuel. Permanent solution achieved, but contamination not reduced to background.	No impact based on status/location	
Wilmington Regulator	Meter Station	Luccis Super Market	N/A	N/A	1,168	SE	696 Woburn St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 6/13/2007. 20 gallons of hydraulic fluid. Permanent solution achieved.	No impact based on status/location	
Wilmington Regulator	Meter Station	Noveon Inc.	N/A	N/A	1,110	SE	207 Lowell St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spill: 10/10/2006. 50 gallons of bisulfate and 40 gallons of sodium hydroxide from drums. Permanent solution achieved.	No impact based on status/location	
Wilmington Regulator	Meter Station	Textron Defense System Chemical Area	N/A	N/A	1,044	SE	201 Lowell St	Wilmington	Middlesex	Mass DEP Reportable Releases Look Up	Spills: 10/15/1989 and 7/15/1992. Petroleum and unknown substance. A waiver completion statement has been submitted to DEP. Permanent solution has been met for the most recent spill.	No impact based on status/location	

Table 8.3-10
Listings of Known Hazardous Waste Release Events Within 0.25 Miles of the Meter Stations and Compressor Stations

Facility Name	Facility Type	Site Name	Segment ¹	Nearest Milepost	Approximate Location		Address of Hazardous Waste Release Site			Relevant Database(s)/ Source(s)	Status and Contamination Issues	Comments	Rationale for Change
					Distance from Facility (feet)	Direction from Facility	Street	Township/Town	County				
New Hampshire													
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Connecticut													
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Sources: MADEP 2015; NHDES 2015a; NYSDEC 2015h; PADEP 2015b; Riese 2014; State Impact Pennsylvania 2015; Supey 2014; USEPA 2014, 2015d, 2015e.

N/A - "Not Applicable." Indicates that no Hazardous Waste Release Sites are identified within 0.25 mile of the meter stations and compressor stations.

¹ Each segment is associated with its own set of MPss beginning at MP 0.00.

Attachment 5
Response to Comment #45

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Scenic Lands Crossed by Project Pipeline Facilities

Facility Name	County	Segment ¹	Nearest Milepost	Name of Resource	Crossing Length (ft)	Area Impacted (acres) ²	
						Construction	Operation
Loop 317-3	Bradford	A	24.60	Susquehanna River and Captain John Smith Chesapeake National Historic Trail	368	2.1	0.42
Loop 317-3	Bradford	A	24.67	Wyalusing Rocks	0	0	0
Pennsylvania To Wright Pipeline Segment	Susquehanna	C	8.59	Woodbourne Forest and Wildlife Sanctuary	564	1.34	0.65
Pennsylvania To Wright Pipeline Segment	Susquehanna	C	34.35	D&H Rail-Trail	20	0.08	0.02
Pennsylvania to Wright Pipeline Segment	Susquehanna	C	29.69	Viaduct Valley Way	27	0.28	0.03
Pennsylvania To Wright Pipeline Segment	Broome	D	13.23	Melondy Hill State Forest	0	0.06	0.00
Pennsylvania To Wright Pipeline Segment	Chenango	D	20.79	Finger Lakes Trail	20	0.05	0.02
Wright To Dracut Pipeline Segment	Berkshire	G	1.96	Pittsfield State Forest	8,464	21.25	9.71
Wright To Dracut Pipeline Segment	Berkshire	G	9.44	Appalachian Trail Corridor	2,228	5.17	1.08
Wright To Dracut Pipeline Segment	Franklin	H	25.28	New England Trail	20	0.07	0.03
300 Line CT Loop	Hartford	S	0.11	New England Trail	20	0.07	0.02
300 Line CT Loop	Hartford	S	0.14	New England Trail	20	0.26	0.07
300 Line CT Loop	Hartford	S	0.35	New England Trail	20	0.05	0.02
300 Line CT Loop	Hartford	S	0.92	New England Trail	20	0.07	0.02
300 Line CT Loop	Hartford	S	2.94	New England Trail	20	0.11	0.02
300 Line CT Loop	Hartford	S	5.42	New England Trail	20	0.05	0.02
Wright to Dracut Pipeline Segment	Berkshire	G	5.99	Mount Greylock Scenic Byway	49	0.18	0.06
Wright to Dracut Pipeline Segment	Berkshire	G	20.79	Westfield River	82	0.19	0.09
Wright to Dracut Pipeline Segment	Hampshire	G	24.20	Route 116 Scenic Byway	32	0.19	0.04
Wright to Dracut Pipeline Segment	Franklin	G	30.69	Route 112 Scenic Byway	70	0.18	0.08
Wright to Dracut Pipeline Segment	Franklin	H	4.84	Deerfield River	115	1.23	0.13
Wright to Dracut Pipeline Segment	Franklin	H	14.67	Connecticut Scenic Byway	37	1.62	0.04
Wright to Dracut Pipeline Segment	Hillsborough	J	7.45	State Route 31	33	0.92	0.04
Wright to Dracut Pipeline Segment	Hillsborough	J	15.22	Ruonala Road	28	0.06	0.03
Wright to Dracut Pipeline Segment	Hillsborough	J	16.48	Federal Hill Road	30	0.13	0.03
Wright to Dracut Pipeline Segment	Hillsborough	J	17.27	Ponemah Hill Road	25	0.04	0.03
Wright to Dracut Pipeline Segment	Hillsborough	J	18.38	Hollis Road	30	0.2	0.03
Wright to Dracut Pipeline Segment	Rockingham	J	30.15	Apple Way	57	0.19	0.07
300 Line CT Loop	Hartford	S	11.46	Farmington River	264	0.61	0.3
300 Line CT Loop	Hartford	S	7.56	Duncaster Road	24	0.22	0.03

¹ Each segment is associated with its own set of MPs beginning at MP 0.00.

² This table quantifies public and recreational land impacts for the construction and operation of the pipeline facilities. This includes workspace for the pipeline, cathodic protection along the pipeline, hydrostatic testing for the pipeline, and meter/compressor stations along the pipeline. This does not include workspace for access roads or contractor yards, or facilities (meter and compressor stations) located on an existing TGP pipeline.

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