

**Sunoco Pipeline LP  
Pennsylvania Pipeline  
Project  
Mariner East II  
Major Permit  
Amendment  
for HDD 290  
Comment / Response  
Document**

On April 7, 2021, Sunoco submitted major amendment applications for both its Chapter 102 (Erosion and Sediment Control) and Chapter 105 (Water Obstruction and Encroachments) permits requesting to change the route and installation method of the Mariner East 2 Pipeline at the location of HDD 290. The Pennsylvania Department of Environmental Protection (DEP) reviewed these submissions and determined that the applications contained all necessary information to meet the completeness requirements of DEP's regulations.

On May 8, 2021, DEP published notice in the *Pennsylvania Bulletin* that it would be accepting public comments, per its regulatory requirements, from May 8, 2021 until June 23, 2021. In addition, DEP held a virtual public hearing on June 16, 2021.

195 unique comments from a total of 1,911 different commentors were received by DEP during this formal comment period. All comments received during this period were taken into consideration by reviewers during their review of the submitted application. All comments, regardless of the method by which they were submitted, are treated with equal consideration and included in this document.

A list of the commentators, including names and affiliations (if any) is provided as follows. Each individual who submitted a comment is assigned a Commenter ID number, which is then listed at the end of the corresponding comment in the document. Staff reviewers were aware of all comments, including duplicates.

Many of the comments received focused on areas related to the project that fell outside of the permit regulatory framework. These comments were acknowledged either as “in support of” or “opposed to” the project. Some of these comments included references to the economics, safety issues, and requests for additional oversight. There were also many comments that focused on locational, operational and maintenance issues. These issues are generally under the purview of PHMSA and PUC.

Many comments focused on the history of violations and non-compliance by Sunoco and Department’s response, specifically with regard to the August 2020 spill event that had a direct impact on Marsh Creek Lake. By entering into a Consent Order and Agreement with DEP and DCNR, Sunoco/Energy Transfer is legally bound to implement measures to assess and remediate impacts, restore Marsh Creek Lake and its environs, and to pay significant penalties and natural resource damages, to bring the company into compliance with environmental laws.

Finally, there were comments received regarding statements made by Sunoco/ETP and the “desktop review” that was the basis of the current amendment plan submittal. These concerns regarding the need for on-site inspection of the proposed route were addressed by the applicant in response to DEP technical review comments made during the review.

### **Applicable or Relevant and Appropriate Requirements (ARARs) Citations**

*The Department’s statutory authority and major source of standards and requirements governing water quality are found under legal authorities including the Clean Streams Law, Act of June 22, 1937, P.L. 1987, as amended, 35 P.S. §§691.1 – 691.1001); The Dam Safety and Encroachments Act, Act of 1978, P.L. 1375, as amended, 32 P.S. §§693.1 et seq.; and The Flood Plain Management Act, Act of October 4, 1978, P.L. 851, No. 166, 32 P.S. §§679.101 et seq..*

*Numerous requirements are promulgated under the Clean Streams Law, the Stormwater Management Act and the Administrative Code; refer to Title 25 of the Pa. Code. Relevant chapters include the following:*

*Chapter 102 (25 Pa. Code §§102.1 et seq.) - Erosion and Sediment Control. This chapter sets forth provisions that impose requirements on all earth disturbance activities. The Chapter requires planning, implementation, and maintenance of effective erosion and sediment control (E&S) and post construction stormwater management\* best management practices (BMPs) and NPDES Permits for Stormwater Discharges Associated with Construction Activities (NPDES Construction Permits). The Bureau administers the program for the control of erosion and sedimentation, post construction stormwater management, NPDES Construction Permits, and other E&S Permits through delegated County Conservation Districts and DEP Regional Waterways and Wetlands Sections.*

*\*Note: The administration of Chapter 102, in most cases, has been delegated to County Conservation Districts working in cooperation with the DEP's Bureau of Clean Water.*

*\*Note: Amendments to Chapter 102, effective November 19, 2010, include provisions for post construction stormwater management, including requirements for long-term operation and maintenance of BMPs. The amendments also include provisions for riparian buffers and forest riparian buffers.*

*Regulations promulgated under the Dam Safety and Encroachments Act (and the Clean Streams Law); see the Pennsylvania Bulletin and Title 25 of the Pa. Code: Chapter 105 (25 Pa. Code §§105.1 et seq.) - This Chapter sets forth provisions for the regulation and supervision of dams, reservoirs, water obstructions and encroachments in waters of the Commonwealth, including wetlands. DEP Regional Offices, Waterways and Wetlands Section are responsible for enforcement activities, processing permit applications for water obstructions and encroachments, and for inspecting dams.*

*Regulations promulgated under the Flood Plain Management Act (and the Clean Streams Law); Title 25 of the Pa. Code: Chapter 106 (25 Pa. Code §§106.1 et seq.) - This Chapter sets forth provisions for the regulation of obstructions and highway obstructions constructed, owned or maintained by a political subdivision of the Commonwealth, or a public utility, and located in the 100-year floodplain as delineated by FEMA Flood Hazard Boundary Maps.*

*Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).*

*The effects of this project related to Federal Climate Change Policy fall outside of the Department's Jurisdiction.*

**TABLE OF COMMENTATORS FROM COMMENT PERIOD**

<b>Commentator ID #</b>	<b>Name and Address</b>	<b>Affiliation</b>
1	John D. Bland Newportville, PA 19056	International Brotherhood of Boilermakers, Local 13
2	John Hughes	Boilermakers, Local 154
3	Shawn Steffee	Boilermakers, Local 154
4	Ben Brown Charleroi, PA 15022	Mon Valley Alliance
5	Kurt Knaus Harrisburg, PA 17101	Pennsylvania Energy Infrastructure Alliance
6	Jeff M. Kotula Canonsburg, PA 15317	Washington County Chamber of Commerce
7	Chris Heck	Pittsburgh Airport Area Chamber of Commerce
8	Robert S. Blair	International Brotherhood of Electrical Workers, Local 143
9	Daniel T. Brost Cochranville PA 19330	
10	Tom Melisko	International Union of Operating Engineers, Local 66
11	Ken Broadbent Pittsburgh, PA 15220	Steamfitters, Local Union 449
12	Larry Maggi Washington, PA 15301	Washington County Commissioner
13	Amy Bradley	Cambria Regional Chamber of Commerce
14	Thom Ferro	Ferro Fuel Oil Inc.
15	SeungAh Byun West Chester, PA 19380-0990	Chester County Water Resources Authority
16	Brian J. Merdian Irwin, PA 15642	The Township of Sewickley
17	Jeff Nobers Pittsburgh, PA 15205	Pittsburgh Works Together
18	Joseph M. Williams Philadelphia, PA 19154	International Union of Elevator Constructors, Local Union 5
19	Bob McEwen	Former U.S. Congressman, Ohio
20	Shelby L. Bell Harrisburg, PA 17102	Pennsylvania Propane Gas Association
21	Dennis Rochford Phiadelphia, PA 19106-1906	Maritime Exchange for the Delaware River and Bay

22	David Callahan Harrisburg, PA 17101	Marcellus Shale Coalition
23	Thomas H. Magness IV	Colonel (Retired), U.S. Army Corps of Engineers, Founder, Eagle Leadership Group, and Advisor, Grow America's Infrastructure Now (GAIN)
24	Helen Kissick Beaver, PA 15009	Beaver County Chamber of Commerce
25	Jim Snell	Steamfitters, Local 420
26	Chris Herr	PennAg Industries Association
27	Jim Dougherty Blue Bell, PA 19422	Mechanical & Service Contractors Association of Eastern PA
28	Jimmy Gittens	International Union of Operating Engineers, Local 542
29	Stephanie Catarino Wissman Harrisburg, PA 17101	American Petroleum Institute Pennsylvania
30	Diana Irey Vaughan Washington, PA 15301	Washington County Commissioner
31	Jason Ortitay Harrisburg, PA 17120-2040	PA Representative, 46 <sup>th</sup> District
32	Trish McFarland Springfield, PA 19064	Delaware County Chamber of Commerce
33	Guy Ciarrocchi	Chester County Chamber of Business & Industry
34	Jeffrey P. Scarpello King of Prussia, PA 19406	National Electrical Contractors Association, Penn-Del-Jersey Chapter
35	Chad M. Jones Pittsburgh, PA 15203	National Electrical Contractors Association, Western Pennsylvania Chapter
36	Linda Thomson Johnstown, PA 15901	Johnstown Area Regional Industries
37	Carolyn T. Comitta Harrisburg, PA 17120-3019	PA Senator, 19 <sup>th</sup> District
38	Joseph Otis Minott Philadelphia, PA 19103	Clean Air Council
39	Kacy Manahan Bristol, PA 19007	Delaware Riverkeeper Network
40	Jessica O'Neill Philadelphia, PA 19102	Citizens for Pennsylvania's Future
41	Melissa Marshall Melcroft, PA 15462	Mountain Watershed Association
42	Lynda Farrell	Pipeline Safety Coalition

43	Katie Muth Harrisburg, PA 17120-3044	PA Senator, 44 <sup>th</sup> District
44	Danielle Friel Otten Harrisburg, PA 17120-2155	PA Representatives, 155 <sup>th</sup> District
45	Lauren Sanmartin	
46	Harlan Holmes Oxford, PA 19363	
47	Catherine Moran West Whiteland Township	
48	Nora Ziegler West Chester, PA 19382	
49	Erin Reagan Morgantown, PA 19543	
50	Jane and Peter Yeksigian	
51	Ananya Rai Wyomissing, PA	
52	Charlie McChesney	
53	Carrie Savonije Chester Springs, PA	
54	Rick LaRosa Downingtown, PA 19335	
55	Eileen Rosen West Chester, PA 19380	
56	Pam McKee	
57	Carrie Gross	
58	Luke Bauerlein Exton, PA 19341	
59	Brigit Biagiotti Chester County, PA	
60	John Neill	
61	Christine Pontecorvo	
62	Martha Napolitan Cownap Kimberton, PA 19442	Camphill Village Kimberton Hills
63	Lynn Strauss West Chester, PA	
64	Linda Emory Healy Media, PA	
65	Judith Kay Ardentown, DE 19810	
66	Michael DiGiacomo	
67	Lora Wheeler	Worldwide Medical & Safety
68	Mark Philips Elverson, PA 19520	
69	Patricia Miller	

70	R. Dennis Macaleer Downingtown, PA 19335	
71	Kylie Gilliams West Vincent Township, PA	
72	Rabi Hawa	
73	Erwin B Jenschke, Jr Chester County	
74	Papahilty	
75	Rich Marinelli	
76	Donna Crosson	
77	Frank Wendling	
78	Christine Blazejewski	
79	Mike Schreiber Downingtown, PA 19335	
80	Rob Ade	
81	Michael V. Farinola West Chester, PA 19382	
82	Cheryl Whittaker Kennett Square, PA	
83	Bruce Dobsch	
84	Cindy Dulaney	
85	Michael McDonald	
86	Frank Higgins Wyomissing, PA 19610	
87	John Bailey West Chester, PA	
88	Mike Fisher	
89	Frank Schweitzer	
90	Joseph Volpe Malvern, PA	
91	Paul Schubert Chester County	
92	James H. Arnold Berwyn, PA 19312	
93	Elizabeth DeYenno	
94	Eric Zatarack	
95	Philip DAntonio, Jr.	
96	Alva J. Lund West Grove, PA 19390	
97	Steve Robinson Birdsboro, PA	
98	Robert Brubaker	
99	Jennifer Mellinger	

100	Kristen Bassick Upper Uwchlan Township	
101	Janice and Raymond Regan Downingtown, PA 19335	
102	Todd Jackson Spring City, PA	
103	Eric Del Viscio Berwyn, PA 19313	
104	Robert C. Burns	
105	Chris Moore	
106	Ed Fowler	General Real Estate Appraiser
107	Ron Sagnella West Chester, PA 19382-3613	
108	Robert D Allen	
109	Stephen Mulhollan	
110	George Edwards	
111	Adam Grimes	
112	Steve B. Southeastern PA	
113	Garry Detwiler	
114	Joseph Nunan West Chester, PA 19382	Chester County Hypnosis
115	Martha Edwards	
116	Bonnie Hughes-Sabbi	
117	Steve McClellan	
118	Shelley Durbanis Chester County	
119	John W. Christopher	
120	Amy and Jack Amour Coatesville, PA 19320	
121	James Booth	
122	Trisha Minicozzi West Bradford Township	
123	Herbert Mays Chester County	
124	Bob and Barby Pell	
125	Charlie Bernard	
126	John Bush Coatesville, PA 19320	
127	Joseph Roberts Downingtown, PA 19335	
128	Clyde Beers	
129	Bernard Greenberg Resident of East Goshen Township	Southeast Pennsylvania Sierra Club Pipeline Committee



130	Mark Capper Douglassville, PA	
131	Elissa Llorens West Chester, PA 19382	
132	Judy Hinds Kennett Square, PA 19348	
133	Ann Hiloski-Fowler	
134	James McGinty	
135	Marsha Brofka-Berends Exton, PA 19341	
136	Tammy Fenton-Ward	
137	Dennis and Peggy Wadsworth	
138	Lex Pavlo	
139	Roberta L. Bash	
140	Diana Griffen Exton, PA	
141	Dorothy Alloway Upper Uwchlan	
142	Clare Novak Chester Springs, PA 19425	
143	Shane Hadden Honey Brook, PA 19344	
144	David Gunyuzlu	
145	Paul R. Rau Upper Uwchlan Township	
146	Sherry Desmond	
147	Lamar Desmond	
148	Jason Jernigan	Pipeliners Local 798
149	Liam and Michelle Dempsey Chester Springs, PA 19425	
150	Adam Kapp West Chester, PA 19382	
151	Steven Hirsh Downingtown, PA 19335	
152	Thomas Bowles West Chester, PA 19380	
153	Joe Mullaney Downingtown, PA 19335	
154	Julie Engiles	
155	Anne Caterino Chester County	
156	Libby Madarasz West Whiteland Township	
157	Charlie Melancon	Former U.S. Congressman

158	Nicole J. Gallo	
159	Jennifer Bolton Chester County resident	
160	Snail DuBose West Chester, PA 19380-1707	
161	Shashank Narayan Exton, PA 19341	
162	Jennifer Bryant West Chester, PA	
163	Marya Bradley Rose Valley, PA	
164	Damary Rodriguez	
165	Tony Amadio Beaver, PA 15009	Beaver County Commissioner
166	John and Julie Capetta Dowington, PA	
167	Alison Sylves Uwchlan Resident	
168	Nancy Harkins West Chester, PA	
169	Susan Britton Seyler Chester Springs, PA 19425	
170	Dennis and Jennifer Reardon	
171	Sally Ann Sims Chester County	
172	Jacqueline M. Pickering	
173	Amy Bruckner Downingtown, PA 19335	
174	Alexa and Kevin Manning Downingtown, PA 19335	
175	Kerri Bakker and John Dobrolsky Downingtown, PA	
176	Douglas McCord Exton, PA 19341-1748	
177	Dennis Lynch Downingtown, PA 19335	
178	Heather Guerin	
179	Mark Raschke	
180	Meredith	
181	Tish Molloy Glenmoore, PA 19343	

182	Kristine Lisi West Chester, PA 19382-7621	
183	Doug Gablinske	Former Executive Director, The Energy Council of Rhode Island Former Member, Rhode Island House of Representatives (2007-2011) Former Aide in the Rhode Island Governor's Energy Office
184	Virginia Marcille-Kerslake Exton, PA 19341	
185	Jerry McMullen Exton, PA 19341	
186	Matt Henderson Montoursville, PA 17754	
187	Tammy Murphy Philadelphia, PA 19102	Physicians for Social Responsibility - Pennsylvania
188	Susan W. Hubickey West Chester, PA 19380	
189	Jason Squitiere	
190	Nicholas Romano Downingtown, PA 19335	
191	J. Lehr	
192	Christina DiGiulio Downingtown, PA 19335	
193	Christina Dorn Downingtown, PA 19335	
194	Lewis Birmingham Exton, PA 19341	
195	Adam Pope Pittsburgh, PA 15203	
196	Brooke Ready Harrisburg, PA 17110	
197	Matthew Michels Drexel Hill, PA 19026	
198	Mark Molesky Belle Vernon, PA 15012	
199	Michael Schwartz Bensalem, PA 19020	
200	Joseph Abt Boothwyn, PA 19061	
201	Michael Ritz Ogden, PA 19061	

202	Logan Ramirez Quakertown, PA 18951	
203	John Cosgrove West Chester, PA 19380	
204	Robert Dorner Boothwyn, PA 19061	
205	John Kasper Cochranville, PA 19330	
206	William Farley Aston, PA 19014	
207	Marcello Sansone Philadelphia, PA 19128	
208	Norberto Rivera Philadelphia, PA 19111	
209	James Knapp Havertown, PA 19083	
210	Thomas McCool Huntingdon Valley, PA 19006	
211	Lew Hopper Glenolden, PA 19036	
212	Tom Macey Horsham, PA 19044	
213	Mark Donkin Folsom, PA 19033	
214	Nikolaus Hood Mohnton, PA 19540	
215	Donald Anderson Chester, PA 19013	
216	Alan Bretherick Springfield, PA 19064	
217	Joe Massaro Philadelphia, PA 19128	
218	Daniel McCrea Ridley Park, PA 19078	
219	Albert Smith Denver, PA 17517	
220	Jim Slattery Wayne, PA 19087	
221	Mike Falkevitz Levittown, PA 19054	
222	David DeCristo Canton, PA 17724	
223	John Wallet Mineral Point, PA 15942	

224	Michael Eutsey Perryopolis, PA 15473	
225	Dan Shelley Folsom, PA 19033	
226	George Cimakasky Brookhaven, PA 19015	
227	William Dougar Bensalem, PA 19020	
228	James O'Neill Aston, PA 19014	
229	Seth Ober Prospect Park, PA 19076	
230	Andrew Carcia Aldan, PA 19018	
231	Alex Rahn West Chester, PA 19382	
232	David Ruta Landenberg, PA 19350	
233	Colin McHugh Lansdale, PA 19446	
234	Rich Zehren Plymouth Meeting, PA 19462	
235	Mark Vicario Bangor, PA 18013	
236	Thomas Cressman West Chester, PA 19382	
237	William Rhoades Philadelphia, PA 19114	
238	Bill Beam Elverson, PA 19520	
239	Brandi Levine West Chester, PA 19382	
240	Danielle Zacherl Washington, PA 15301	
241	Joseph Behm Chester Springs, PA 19425	
242	Patricia Hoffman Marcus Hook, PA 19061	
243	Chrissy Keesey Linwood, PA 19061	
244	Stephen Pandur Marcus Hook, PA 19061	
245	Dave Kerwood Havertown, PA 19083	

246	Joanne Cipressi Levittown, PA 19056	
247	Cliff Walker Carmichaels, PA 15320	
248	Mary Hammond Marcus Hook, PA 19061	
249	Alicia Corporal Marcus Hook, PA 19061	
250	Rahn Monreal Springfield, PA 19064	
251	Lisa Ryan Marcus Hook, PA 19061	
252	Sherry Hunsicker Honey Brook, PA 19344	
253	Awilda Burgos Marcus Hook, PA 19061	
254	John Gundlach Saxonburg, PA 16056	
255	Gregory Wood Brookhaven, PA 19015	
256	Robert Thomas Washington, PA 15301	
257	William Ensslen Glenmoore, PA 19343	
258	Walter Paskert Washington, PA 15301	
259	Robert Kissane Evans City, PA 16033	
260	Patrick Nolan Ogden, PA 19061	
261	Mike Nolan Boothwyn, PA 19061	
262	Michele Miller Chicora, PA 16025	
263	Brenton Shirley Finleyville, PA 15332	
264	David Knapp Evans City, PA 16033	
265	Thomas Mehaffey Washington, PA 15301	
266	Travis Petsch Temple, PA 19560	
267	Kevin Smith Kennett Square, PA 19348	

268	Brian Gray Elizabethtown, PA 17022	
269	Brandon Weigand Marcus Hook, PA 19061	
270	Richard Gilkey Media, PA 19063	
271	Christopher Koop Wexford, PA 15090	
272	Kenneth McFadden Butler, PA 16001	
273	Matthew Gordon Reading, PA 19607	
274	Michael Taylor Waynesburg, PA 15370	
275	William Dooley Marcus Hook, PA 19061	
276	James Budzilek Mars, PA 16046	
277	Tony Sprague Ridley Park, PA 19078	
278	Mary Ann Baker Linwood, PA 19061	
279	Scott Ritchey Schwenksville, PA 19473	
280	Sandra Shephard Hickory, PA 15340	
281	Cheryl Tate West Brandywine Township, PA 19344	
282	Douglas Kyler Marcus Hook, PA 19061	
283	William McGowen Washington, PA 15301	
284	David Zalewski Sr Linwood, PA 19061	
285	Leonard Palmer Rome, PA 18837	
286	Cynthia Farnan Marcus Hook, PA 19061	
287	Brian Weidman Linwood, PA 19061	
288	Beverly Lakin Linwood, PA 19061	
289	Wayne Scherer Eighty-Four, PA 15330	

290	Jonathan Yeagley Berwyn, PA 19312	
291	Richard Croff Kennett Square, PA 19348	
292	James Nickeson Eighty-Four, PA 15330	
293	John Hausladen Malvern, PA 19355	
294	Patricia Boucher Linwood, PA 19061	
295	Amy Powell Linwood, PA 19061	
296	Gloria Mann Linwood, PA 19061	
297	Elkins Wetherill Exton, PA 19341	
298	Robert Downing Malvern, PA 19355	
299	Scott Henzler Butler, PA 16001	
300	Joseph John Greensboro, PA 15338	
301	George Turner Exton, PA 19341	
302	Russell McLain Marcus Hook, PA 19061	
303	Garrett Henzler Glenshaw, PA 15116	
304	Thomas Bryan Dilliner, PA 15327	
305	Richard Bayster Berwyn, PA 19312	
306	Lori Ward Hickory, PA 15340	
307	Gabrielle Lister Linwood, PA 19061	
308	Kristie Tierney Marcus Hook, PA 19061	
309	Sharon White Boothwyn, PA 19061	
310	Daniel Green Butler, PA 16001	
311	Donna Hoffman Marcus Hook, PA 19061	



312	Mallory Meckfessel Marcus Hook, PA 19061	
313	Jane Porter Phoenixville, PA 19460	
314	Kimberly Conrad Marcus Hook, PA 19061	
315	Donald Kopp Marcus Hook, PA 19061	
316	Gerald Cupo Elverson, PA 19520	
317	Beth Albany Marcus Hook, PA 19061	
318	Tim Connell Linwood, PA 19061	
319	Denise Boyle Linwood, PA 19061	
320	Nicholas Kovich Devon, PA 19333	
321	Andrea Gluyas Linwood, PA 19061	
322	Cassandra Rottllini Williamsport, PA 17701	
323	Thomas Barrage Cranberry Township, PA 16066	
324	Aaron Moore Marcus Hook, PA 19061	
325	James Esquilin Darby, PA 19023	
326	Gary Tuttle Monongahela, PA 15063	
327	Julie Anderson Cochranville, PA 19330	
328	Michael Samuels Linwood, PA 19061	
329	Chris Jones Linwood, PA 19061	
330	Linda Helferty Linwood, PA 19061	
331	Diane Dhanpat Linwood, PA 19061	
332	Vanessa Spurio Linwood, PA 19061	
333	Alison Emmons West Grove, PA 19390	

334	Luis Gomez Paoli, PA 19301	
335	Mark Adamiak Paoli, PA 19301	
336	Cheryl Kearney Amity, PA 15311	
337	Joseph Purfield West Chester, PA 19382	
338	Nick Phillips Elverson, PA 19520	
339	Okan Apaydin Glenmoore, PA 19343	
340	Leo Bissonette Aston, PA 19014	
341	Alice Coale Trainer, PA 19061	
342	Peter Schatzberg Trainer, PA 19061	
343	Somo Wright Marcus Hook, PA 19061	
344	Trent Chamberlain Trainer, PA 19061	
345	Jennifer Quattro Marcus Hook, PA 19061	
346	Carolyn Collins Marcus Hook, PA 19061	
347	Dorothy Walls Linwood, PA 19061	
348	David Colagreco Marcus Hook, PA 19061	
349	Jessica Ferguson Linwood, PA 19061	
350	Betty Woodson Linwood, PA 19061	
351	Sophia Gaspero PA	
352	James McGinty Phoenixville, PA 19460	
353	Paul Kersavage Malvern, PA 19355	
354	Alberto Moyet Marcus Hook, PA 19061	
355	Samantha Eastburn Marcus Hook, PA 19061	

356	Heather Stinson Linwood, PA 19061	
357	David Kershner Marcus Hook, PA 19061	
358	Alfred Chamberlain Linwood, PA 19061	
359	Peggy Crowley Linwood, PA 19061	
360	Paul Gallagher Linwood, PA 19061	
361	Bonnie Barrowclough Linwood, PA 19061	
362	Salvatore Mantegna Jr Linwood, PA 19061	
363	Stephen Werbe Chadds Ford, PA 19317	
364	Richard Woods Washington, PA 15301	
365	Edward Toney Chesterbrook, PA 19087	
366	David Ferraguti West Chester, PA 19380	
367	William Clark Exton, PA 19341	
368	Crystal Garrett Marcus Hook, PA 19061	
369	Richard Malascalza Marcus Hook, PA 19061	
370	Debra Gray Sewickley, PA 15143	
371	Richard Parris Marcus Hook, PA 19061	
372	Norma Parris Marcus Hook, PA 19061	
373	Nicole Perry Trainer, PA 19061	
374	Thomas Blake Linwood, PA 19061	
375	Amanda Farraday Linwood, PA 19061	
376	Alicia Chipolla Linwood, PA 19061	
377	Michael Johenning Marcus Hook, PA 19061	

378	Janet Torres Marcus Hook, PA 19061	
379	Tia Taylor Marcus Hook, PA 19061	
380	Jermeisha Cobb-Tillman Marcus Hook, PA 19061	
381	Carol Trent Marcus Hook, PA 19061	
382	Sandra Cislo Marcus Hook, PA 19061	
383	William Hoehing Linwood, PA 19061	
384	Anna Lavallee Marcus Hook, PA 19061	
385	Mark Palmer Linwood, PA 19061	
386	Robert Campbell Linwood, PA 19061	
387	Louisa Lee Linwood, PA 19061	
388	Lora Zubrzycki Linwood, PA 19061	
389	Angela Beeson Linwood, PA 19061	
390	Lindsay Gillespie Downingtown, PA 19335	
391	Walt Hill Linwood, PA 19061	
392	Bill Draper Linwood, PA 19061	
393	Bryant Laws Linwood, PA 19061	
394	James Reed Linwood, PA 19061	
395	Taylor Kramer Marcus Hook, PA 19061	
396	Irene Archacki Boothwyn, PA 19061	
397	Robert Rayner East Fallowfield Township, PA 19320	
398	Dale Cook Pottstown, PA 19465	
399	Marianne Richter-Menger Exton, PA 19341	

400	Donald Kohl Coatesville, PA 19320	
401	Eric Ledgerwood Pottstown, PA 19465	
402	Janet Shepps Exton, PA 19341	
403	Mark Bedwell West Chester, PA 19382	
404	Edward Murphy Chadds Ford, PA 19317	
405	Deanne Croff Kennett Square, PA 19348	
406	Michael Wasylyk Downingtown, PA 19335	
407	George Minter Phoenixville, PA 19460	
408	Janet and James Bauduin Washington, PA 15301	
409	Robert Neuman Pottstown, PA 19465	
410	Patricia Strachan Kennett Square, PA 19348	
411	James Koterski Chadds Ford, PA 19317	
412	Roxane Palone Waynesburg, PA 15370	
413	Michael Hudson Pottstown, PA 19465	
414	Rodney Becker Pottstown, PA 19465	
415	Kelly Bickel Chester Springs, PA 19425	
416	Gregory Bickel Chester Springs, PA 19425	
417	Michael Kirby Lincoln University, PA 19352	
418	Nicholas Bartucci Aston, PA 19014	
419	Deborah Fisher Aston, PA 19014	
420	Jason Ewing Aston, PA 19014	
421	Scott Euryan Aston, PA 19014	

422	Mark Bacon Aston, PA 19014	
423	Michelle McEvilly Aston, PA 19014	
424	Stephen Hartley Aston, PA 19014	
425	Arthur Brinkworth Aston, PA 19014	
426	Mark Isenberger Aston, PA 19014	
427	Christopher Clerico Aston, PA 19014	
428	Rodney McCallum Phoenixville, PA 19460	
429	Anne Broomall Lincoln University, PA 19352	
430	Larissa Looney Chester Springs, PA 19425	
431	Steven Antoinette Canonsburg, PA 15317	
432	Mark Christy Aston, PA 19014	
433	Philip Bartholomeo Exton, PA 19341	
434	Carole Brown Aston, PA 19014	
435	Eleanor MacDonald Aston, PA 19014	
436	Stephan Downs Aston, PA 19014	
437	Christopher Petrilli Aston, PA 19014	
438	Jeanmarue Muche Aston, PA 19014	
439	Diane Watson Aston, PA 19014	
440	Barry Miller Canonsburg, PA 15317	
441	William Singer West Chester, PA 19382	
442	Glenn Vogel Washington, PA 15301	
443	Judy Matko Freeport, PA 16229	

444	Vincent Broomall Lincoln University, PA 19352	
445	Dan Holloran Honey Brook, PA 19344	
446	Mark Proctor Donora, PA 15033	
447	John Showalter Cranberry Township, PA 16066	
448	Fran Stea Brookhaven, PA 19015	
449	Ray Delfera Brookhaven, PA 19015	
450	Jeff Gunn Brookhaven, PA 19015	
451	Cheryl Kerr Honey Brook, PA 19344	
452	Robert Horne Aston, PA 19014	
453	Robert Barr Oxford, PA 19363	
454	John Gallagher Aston, PA 19014	
455	Josie Platt Aston, PA 19014	
456	Michael Platt Aston, PA 19014	
457	Mark Stanolis Brookhaven, PA 19015	
458	Diane Toler Glenmoore, PA 19343	
459	Joseph Spica Aston, PA 19014	
460	Ken Podberesky Brookhaven, PA 19015	
461	Thomasina Johnson Aston, PA 19014	
462	James Armour West Chester, PA 19382	
463	Paul Luczczko Aston, PA 19014	
464	Richard Crawford Brookhaven, PA 19015	
465	Linda Riffert Brookhaven, PA 19015	

466	Bruce Vincent Brookhaven, PA 19015	
467	Patrick Doyle Brookhaven, PA 19015	
468	Traci Gordon Brookhaven, PA 19015	
469	Gary Murray Brookhaven, PA 19015	
470	Carl McCullough Brookhaven, PA 19015	
471	John Winters Brookhaven, PA 19015	
472	Chris Hyde Downingtown, PA 19335	
473	Craig Rowe Downingtown, PA 19335	
474	Joe Austin Granville Summit, PA 16926	
475	Steven Kratz Harrisburg, PA 17111	
476	Joseph Carver Aston, PA 19014	
477	Kevin Murtaugh West Chester, PA 19382	
478	Tammy Calvanese Aston, PA 19014	
479	Joseph Foster Brookhaven, PA 19015	
480	Andrew Osborn Aston, PA 19014	
481	Blair Masciantonio Brookhaven, PA 19015	
482	William Kantner Lincoln University, PA 19352	
483	Marcus Haseltine Brookhaven, PA 19015	
484	Anthony Iacono Brookhaven, PA 19015	
485	Wayne Lingenfelter Zelienople, PA 16063	
486	Krysta Lingenfelter Zelienople, PA 16063	
487	Richard Tomsic Washington, PA 15301	



488	Jerry Morris Waynesburg, PA 15370	
489	Robert Leonard Washington, PA 15301	
490	Richard Carr Butler, PA 16001	
491	Joseph Aiello Aston, PA 19014	
492	Patrick Twisler Aston, PA 19014	
493	Danielle Bruce Aston, PA 19014	
494	Sean Hur Aston, PA 19014	
495	Dwayne Rhoads Aston, PA 19014	
496	Valerie Davidson Aston, PA 19014	
497	Robert Sandone Coatesville, PA 19320	
498	Barbara Bingnear Aston, PA 19014	
499	Craig Maloney Aston, PA 19014	
500	Gresham OMalley IV West Chester, PA 19380	
501	Margaret O'Malley West Chester, PA 19380	
502	Joseph Fiorelli Aston, PA 19014	
503	Renee McClellan Brookhaven, PA 19015	
504	Richard Bryant Downingtown, PA 19335	
505	Bernadette Anastasia Aston, PA 19014	
506	Richard Bond Landenberg, PA 19350	
507	Dale Smith Aston, PA 19014	
508	Marie Mooney Brookhaven, PA 19015	
509	Daniel Kennedy Aston, PA 19014	

510	Glenn Dublisky Aston, PA 19014	
511	Charles Taylor Aston, PA 19014	
512	Debra Moloko Aston, PA 19014	
513	Maureen Donnelly Aston, PA 19014	
514	Dina Myers Aston, PA 19014	
515	Ann Marie Theodorou Brookhaven, PA 19015	
516	Ken Welk Oxford, PA 19363	
517	Philip Cirincione West Chester, PA 19382	
518	Theodore DelGaizo Downingtown, PA 19335	
519	Kevin Dowdall Landenberg, PA 19350	
520	David Sloan Downingtown, PA 19335	
521	Ken Robertson Aston, PA 19014	
522	John Devine Aston, PA 19014	
523	Michael Lancellotti Aston, PA 19014	
524	Mike Kendra Aston, PA 19014	
525	Cameron Adams Romansville, PA 19320	
526	James McClure Landenberg, PA 19350	
527	Terry Nolan Ogden, PA 19061	
528	Kenneth Dasaro West Chester, PA 19382	
529	David Metz West Chester, PA 19382	
530	Mike Honicker Aston, PA 19014	
531	Randall Brunt Aston, PA 19014	

532	Stephanie Zalfa Aston, PA 19014	
533	Keri Dougherty Aston, PA 19014	
534	David Dur Aston, PA 19014	
535	David Commale Aston, PA 19014	
536	Francine Bender Aston, PA 19014	
537	Francis McMullin Aston, PA 19014	
538	Alfonse Brooks Aston, PA 19014	
539	James Maguire Aston, PA 19014	
540	Pat Bradkey Aston, PA 19014	
541	James Rush Aston, PA 19014	
542	Randal Owsley Aston, PA 19014	
543	Carla Alba Aston, PA 19014	
544	Brian Bellew Aston, PA 19014	
545	Glen McLaughlin Aston, PA 19014	
546	Robert Cianfrani Aston, PA 19014	
547	Debra Cullen Aston, PA 19014	
548	Joyce Robinson Aston, PA 19014	
549	Edward Cavacini Aston, PA 19014	
550	Jonathon Evans Aston, PA 19014	
551	Mike Petrillo Aston, PA 19014	
552	Christine Durbano Aston, PA 19014	
553	Rita Jones Aston, PA 19014	

554	Judith Entner Malvern, PA 19355	
555	Tom Mohler Aston, PA 19014	
556	Fred Pysher Aston, PA 19014	
557	Pat Haney Aston, PA 19014	
558	Bradley Duplicki Downingtown, PA 19335	
559	Sean Lannon Stroudsburg, PA 18360	
560	Derek Closta Ogden, PA 19061	
561	Melanie McVey Aston, PA 19014	
562	Edward Moore Aston, PA 19014	
563	Richard Welk Aston, PA 19014	
564	Linda Miles Aston, PA 19014	
565	Francis Miles Aston, PA 19014	
566	Craig Crawford Aston, PA 19014	
567	Sanjay Chafale Ogden, PA 19061	
568	Joseph Courtright Ogden, PA 19061	
569	Kevin O'Neill Aston, PA 19014	
570	Susan Hunt Aston, PA 19014	
571	Carol Sanders Aston, PA 19014	
572	Edward Finn Aston, PA 19014	
573	Stan Latocha Boothwyn, PA 19061	
574	Clair Kauffman Marcus Hook, PA 19061	
575	Kim Leopardi Marcus Hook, PA	

576	Tameeika Ricks Marcus Hook, PA 19061	
577	Harrison Smith Marcus Hook, PA 19061	
578	Marcia Cornele Marcus Hook, PA 19061	
579	Gloria Freeman Marcus Hook, PA 19061	
580	James McGovern Brookhaven, PA 19015	
581	Jon Firlein Aston, PA 19014	
582	Louis Martin Jr. Aston, PA 19014	
583	Mark Pollick Brookhaven, PA 19015	
584	Marie Dewees Boothwyn, PA 19061	
585	Andrew Kulp Brookhaven, PA 19015	
586	Stephanie Donaway Brookhaven, PA 19015	
587	Bill Chalfant Brookhaven, PA 19015	
588	James Harrison Pittsburgh, PA 15212	
589	Edward Miller Aston, PA 19014	
590	Catherine Rash Aston, PA 19014	
591	James Clark Upper Chichester, PA 19061	
592	JoAnne Lee Boothwyn, PA 19061	
593	Kristina Pappas Aston, PA 19014	
594	Robert Kersey Marcus Hook, PA 19061	
595	Mark Thomas Boothwyn, PA 19061	
596	Ahmad Sahman Ogden, PA 19061	
597	Gregory Shetron Aston, PA 19014	

598	Edwin Hays Aston, PA 19014	
599	Louis Eble Ogden, PA 19061	
600	Karen Platt Brookhaven, PA 19015	
601	James Chuchman Kennett Square, PA 19348	
602	Kevin Schulte West Chester, PA 19380	
603	Erica Stracci Venetia, PA 15367	
604	Caryn Steinmetz Brookhaven, PA 19015	
605	Sharon McCray Brookhaven, PA 19015	
606	Michael Madigan Brookhaven, PA 19015	
607	Virginia Hudson Brookhaven, PA 19015	
608	Marie Obrien Kennett Square, PA 19348	
609	Brandilee Radico Aston, PA 19014	
610	Daniel Dobbin Aston, PA 19014	
611	Dionisios Giannas Boothwyn, PA 19061	
612	Jane Schofield West Chester, PA 19380	
613	Robert Brutsche Brookhaven, PA 19015	
614	Glenn Fitzsimmons Boothwyn, PA 19061	
615	George Nardone Boothwyn, PA 19061	
616	Marie Young Aston, PA 19014	
617	Mousaab Abdalla Boothwyn, PA 19061	
618	James Gaffney Phoenixville, PA 19460	
619	Marisa Elskamp Aston, PA 19014	

620	Jim Dougherty Downingtown, PA 19335	
621	Bryan Savage Williamsport, PA 17701	
622	William Raport Aston, PA 19014	
623	John Dyckman Aston, PA 19014	
624	Edward Keegan Boothwyn, PA 19061	
625	John DiFilippo Boothwyn, PA 19061	
626	Ralph Deberardinis Aston, PA 19014	
627	Manuel Fernandez Aston, PA 19014	
628	Kelly Peterkin Aston, PA 19014	
629	Robert Przekop Aston, PA 19014	
630	Joseph Carango Ridley Park, PA 19078	
631	George Parsons Trevose, PA 19053	
632	Robert Borden Boothwyn, PA 19061	
633	Paul Wisneski West Chester, PA 19380	
634	Jeffrey Kiesel Chester Springs, PA 19425	
635	Chris Murray Richlandtown, PA 18955	
636	Cory Sabo Trevose, PA 19053	
637	Edith Hayes Sellersville, PA 18960	
638	Arthur Stretton Philadelphia, PA 19114	
639	Jeff Brown Aston, PA 19014	
640	William Cardwell Boothwyn, PA 19061	
641	Brian Fleming Boothwyn, PA 19061	

642	Carol McKittrick Paoli, PA 19301	
643	Brian Parker Aston, PA 19014	
644	Francine Campagnini Aston, PA 19014	
645	Cindy Rogers Pottstown, PA 19465	
646	Rebecca Farrell Aston, PA 19014	
647	Ryan Sharp Pottstown, PA 19465	
648	Jim Dougherty Newtown Square, PA 19073	
649	Bill Lewis Aston, PA 19014	
650	Keith Willis West Chester, PA 19380	
651	Keith Gottlieb Philadelphia, PA 19153	
652	Marie Brackin West Grove, PA 19390	
653	Kim Przychodzien Coatesville, PA 19320	
654	Ricky Wallace Kennett Square, PA 19348	
655	David Vernon West Chester, PA 19382	
656	Steve Layne Downingtown, PA 19335	
657	Marc Johnson Downingtown, PA 19335	
658	Jane Dicecco Brookhaven, PA 19015	
659	Edward Cole Aston, PA 19014	
660	Barbara Roseberry Brookhaven, PA 19015	
661	Frank Gaffney West Chester, PA 19380	
662	Barbara Gaffney West Chester, PA 19380	
663	Debbie Lee Gaffney Phoenixville, PA 19460	



664	Amy Webster Hollidaysburg, PA 16648	
665	Abigayle Hugo Aston, PA 19014	
666	Patrick Carroll Aston, PA 19014	
667	Steve Wilps Aston, PA 19014	
668	Frances Dinardis Aston, PA 19014	
669	Eugene Amos Aston, PA 19014	
670	Brandie Augustine Cranberry Township, PA 16066	
671	Deb Gehron Honey Brook, PA 19344	
672	Roger Ammon Kennett Square, PA 19348	
673	Robbin Phillips Honey Brook, PA 19344	
674	Margaret Stallard Berwyn, PA 19312	
675	Sherry Potter Lincoln University, PA 19352	
676	Wendolyn Lawson Washington, PA 15301	
677	Jessica Ruditys Boothwyn, PA 19061	
678	Josephine McClellen Aston, PA 19014	
679	Shawn Leisey Honey Brook, PA 19344	
680	Jacqueline Thornton West Chester, PA 19380	
681	John Marchlik Aston, PA 19014	
682	Donna Barbosa Aston, PA 19014	
683	Darla Speaker West Chester, PA 19382	
684	Leo Hanstein Aston, PA 19014	
685	Barbara Lafferty Freeport, PA 16229	

686	Don Blackert Amity, PA 15311	
687	James Beehler Newtown Square, PA 19073	
688	Nicole Chaffin Aston, PA 19014	
689	Mark Pitner Upper Chichester, PA 19014	
690	Claire Northcutt Aston, PA 19014	
691	Charles Pedley Butler, PA 16001	
692	C A Heisterkamp West Chester, PA 19380	
693	Devon McVey Avondale, PA 19311	
694	Charles Zettlemyer Aston, PA 19014	
695	Sean Deviney Pottstown, PA 19465	
696	Richard Garland West Chester, PA 19380	
697	Rachel Brooks West Chester, PA 19380	
698	Rob Brooks West Chester, PA 19380	
699	Teresa Greenlee Scranton, PA 18505	
700	Robert Salvucci Malvern, PA 19355	
701	Nicole Buoni Aston, PA 19014	
702	Regina M Maxwell West Chester, PA 19382	
703	Jack Burke Downingtown, PA 19335	
704	Robert Hetzel Zelienople, PA 16063	
705	Richard Taylor Kennett Square, PA 19348	
706	Flo Winters Butler, PA 16001	
707	Gary Gallagher Downingtown, PA 19335	

708	Ronald Vaughn West Chester, PA 19380	
709	Margaret Catalano Dushore, PA 18614	
710	Beverly Maher Newtown Square, PA 19073	
711	Kelly Miller Oxford, PA 19363	
712	Tracey McVeigh West Chester, PA 19380	
713	Jane Rowan Pottstown, PA 19465	
714	Martin Masciantonio Lansdale, PA 19446	
715	Woody Welsch McMurray, PA 15317	
716	Robert Schilling Zelienople, PA 16063	
717	Jim Parker Pottstown, PA 19465	
718	Daniel May Butler, PA 16001	
719	Carol Spencer West Chester, PA 19380	
720	Gerald Enverso West Chester, PA 19380	
721	Kurt Menkes Kennett Square, PA 19348	
722	Holly Flood Aston, PA 19014	
723	Carla Stadelman Washington, PA 15301	
724	John Merwin Boothwyn, PA 19061	
725	Donna Kraus Boothwyn, PA 19061	
726	Hector Lopez Boothwyn, PA 19061	
727	Stephen Spica Boothwyn, PA 19061	
728	William Lawler Boothwyn, PA 19061	
729	Melissa Kester Boothwyn, PA 19061	

730	Jeffrey Poehlmann Boothwyn, PA 19061	
731	Laura Brooks Aston, PA 19014	
732	Dale Bowders Boothwyn, PA 19061	
733	Darren Miniconzi Aston, PA 19014	
734	William White Aston, PA 19014	
735	Terry Doran West Chester, PA 19380	
736	Ryan Stauffer Aston, PA 19014	
737	Thomas Wooding Aston, PA 19014	
738	John Kowal Aston, PA 19014	
739	Wendy Haight Boothwyn, PA 19061	
740	Peter Lunn Boothwyn, PA 19061	
741	Oscar Wallace Aston, PA 19014	
742	Carol Wallace Aston, PA 19014	
743	Edward Schultz Kennett Square, PA 19348	
744	Karen Johnson Landenberg, PA 19350	
745	Robert McLaughlin Boothwyn, PA 19061	
746	Chad Schwartz Aston, PA 19014	
747	Nick Lazer Aston, PA 19014	
748	Samuel McCutchin Morton, PA 19070	
749	David Pridgen Aston, PA 19014	
750	Carl Neyman Butler, PA 16002	
751	Agnes Aveard Cranberry Township, PA 16066	

752	William Radford Glenmoore, PA 19343	
753	John Ford Strasburg, PA 17579	
754	Linda Fyre Aston, PA 19014	
755	Dawn Bazemore Aston, PA 19014	
756	Susan Santangelo Aston, PA 19014	
757	William Platt Aston, PA 19014	
758	Jo Ann Massaro Brookhaven, PA 19015	
759	Michael Huhn Ridley Park, PA	
760	Gary Houston Aston, PA 19014	
761	Gloria Lynott Aston, PA 19014	
762	William Haase Brookhaven, PA 19015	
763	Scott Blanford Media, PA 19063	
764	Margie Hamilton Aston, PA 19014	
765	Ashley Kershaw Aston, PA 19014	
766	Leanna Jardine Brookhaven, PA 19015	
767	Danielle Horan Aston, PA 19014	
768	Mary Kounnas Aston, PA 19014	
769	Caitlin Stanilka Aston, PA 19014	
770	Chris Guilday Glen Mills, PA 19342	
771	Denise Annleger Aston, PA 19014	
772	Albert M Bryson Parkesburg, PA 19365	
773	Frances Brosko Clifton Heights, PA 19018	

774	Patricia Driscoll Aston, PA 19014	
775	Eric Amicone Aston, PA 19014	
776	Michael Buber Aston, PA 19014	
777	George Anderson Chadds Ford, PA 19317	
778	Ron Richmond Coatesville, PA 19320	
779	Gaby Basile Boothwyn, PA 19061	
780	Mary Heil Aston, PA 19014	
781	Tara Dill Aston, PA 19014	
782	Danielle Farnan Boothwyn, PA 19061	
783	Shameara Frisby Boothwyn, PA 19061	
784	Joseph Curry Aston, PA 19014	
785	Erin Mercer Boothwyn, PA 19061	
786	Janet Gill Aston, PA 19014	
787	Mary Ann Timlin Aston, PA 19014	
788	Elizabeth Johnson Aston, PA 19014	
789	Francis Cooney Aston, PA 19014	
790	Robert Sweigart Boothwyn, PA 19061	
791	Nicholas Rapagnani Brookhaven, PA 19015	
792	Cheryl Digiorgio Brookhaven, PA 19015	
793	Keith Adams Brookhaven, PA 19015	
794	Susan Steinmetz Brookhaven, PA 19015	
795	Patricia Falcone Brookhaven, PA 19015	

796	Maria Antonis Brookhaven, PA 19015	
797	Kimberly Miller Brookhaven, PA 19015	
798	Filomena Buono Ogden, PA 19061	
799	Tyrone Lopez Ogden, PA 19061	
800	Jacquelyn Urey Ogden, PA 19061	
801	William Cannon Ogden, PA 19061	
802	Bonnie Starr Aston, PA 19014	
803	John Bomhoff Aston, PA 19014	
804	Louis Catalina Ambridge, PA 15003	
805	Michael Lombardo Linwood, PA 19061	
806	Kyle Hendricks Feasterville-Trevoze, PA 19053	
807	James Walton Philadelphia, PA 19114	
808	Rob Mattai Wallingford, PA 19086	
809	Daniel Madden Jenkintown, PA 19046	
810	Kiperly Whitlatch Waynesburg, PA 15370	
811	James Kisiel Philadelphia, PA 19136	
812	Ryan Papich Honey Brook, PA 19344	
813	Tim Bryan Pennsburg, PA 18073	
814	Thomas Walls Philadelphia, PA 19154	
815	Joseph Murphy Blue Bell, PA 19422	
816	Shane Dugan Harleysville, PA 19438	
817	Kenneth Magrann Southampton, PA 18966	

818	Orville Robinson Chester Springs, PA 19425	
819	Robert Mack Philadelphia, PA 19131	
820	Brian Finnegan Philadelphia, PA 19154	
821	Ryan Torres Warminster, PA 18974	
822	David Tatum Ridley Park, PA 19078	
823	Elizabeth Brooks Upper Chichester, PA 19061	
824	George Boyle Philadelphia, PA 19115	
825	Brad Diamond Folsom, PA 19033	
826	Eric Jeckel Newtown Square, PA 19073	
827	Wendy Staudacher Harrisville, PA 16038	
828	Charles Ferry Ridley Park, PA 19078	
829	William Goebig Philadelphia, PA 19134	
830	Steve Anstotz Philadelphia, PA 19111	
831	Nicholas DiMarino West Chester, PA 19382	
832	Typer Fynes Holmes, PA 19043	
833	Greg Ruch Lehighton, PA 18235	
834	William Courtney Sellersville, PA 18960	
835	Edm Crocheron West Chester, PA 19382	
836	Andrew Gondell Havertown, PA 19083	
837	Daniel O'Connor Clifton Heights, PA 19018	
838	Jack Bradley Darby, PA 19023	
839	Dave Sizemore Ridley Park, PA 19078	



840	Frank Styer Glenmoore, PA 19343	
841	Larry Hanlon Apollo, PA 15613	
842	David Leyshon West Chester, PA 19380	
843	Robert Frank Brookhaven, PA 19015	
844	John Martinoli Downingtown, PA 19335	
845	Dick Young Aliquipp, PA 15001	
846	Alvan Osbourne McDonald, PA 15057	
847	Elizabeth Payne Wellsboro, PA 16901	
848	Robin Bryant Boothwyn, PA 19061	
849	Gary Andress Wallingford, PA 19086	
850	Mary McGee Canonsburg, PA 15317	
851	Josh Snyder York, PA 17403	
852	Deborah Provenzano Jeannette, PA 15644	
853	Randy Brink Williamsport, PA 17701	
854	Travis Buggy Export, PA 15632	
855	Steve Olsen Reading, PA 19608	
856	Carolyn Crystle Ridley Park, PA 19078	
857	Michael Patrick Coatesville, PA 19320	
858	Richard Delp Reading, PA 19606	
859	Jennifer Galarza Brookhaven, PA 19015	
860	Francis DiFonzo Exton, PA 19341	
861	Frank Ratka West Chester, PA 19380	

862	Alan Peterson Willow Street, PA 17584	
863	Marilyn Maurer Wynnewood, PA 19096	
864	Martha Gilliland Butler, PA 16001	
865	Robert Morgan Dallas, PA 18612	
866	Marlene Knight Wyalusing, PA 18853	
867	Stephanie Mory Clarks Summit, PA 18411	
868	Gregory Milbourne Swarthmore, PA 19081	
869	Diana Dakey Dalton, PA 18414	
870	Sean Duffin Paoli, PA 19301	
871	Karen McGuinness Hazlet, NJ 07730	
872	Glenn Frantz Paoli, PA 19301	
873	Barbra K Philadelphia, PA 19102	
874	MaryAnn Linehan Saint Davids, PA 19087	
875	Peter Luborsky Phoenixville, PA 19460	
876	Linda Ricci Warminster, PA 18974	
877	Nicole Gallo West Chester, PA 19380	
878	Jim Kippen Plymouth Meeting, PA 19462	
879	Diane Bastian Liberty, PA 16930	
880	Kathy Erndl Pittsburgh, PA 15234	
881	Sherron Biddle Carlisle, PA 17013	
882	Sarah Boucas Neto Merion Station, PA 19066	
883	David Bressler West Chester, PA 19382	

884	Corey Schade Loch Arbour, NJ 07711	
885	Julia Loving Coatesville, PA 19320	
886	Henry Mobley Virginia Beach, VA 23464	
887	Anne Regan Gibsonia, PA 15044	
888	Eric Potter West Chester, PA 19380	
889	Jno Hunt Pittsburgh, PA 15237	
890	Kathy Hart Caldwell, NJ 07006	
891	Denise Albitz Quakertown, PA 18951	
892	Angela Leventis Philipsburg, PA 16866	
893	Edward Thornton Swarthmore, PA 19081	
894	Jean Marshall Bryn Mawr, PA 19010	
895	Michael Madden New City, NY 10956	
896	Seward Ryan Harrisburg, PA 17112	
897	Debra Burk Brogue, PA 17309	
898	Lois Smith Camp Hill, PA 17011	
899	Michael Kenosky Mount Pocono, PA 18344	
900	Gerard Rohlf Pittsburgh, PA 15235	
901	Bert Whitehair Lake City, PA 16423	
902	Doug Herren Philadelphia, PA 19122	
903	Jim Gergat Bechtelsville, PA 19505	
904	Dianne Kenosky Mount Pocono, PA 18344	
905	Marta Guttenberg Philadelphia, PA 19103	

906	Carol Shumway Canadensis, PA 18325	
907	Ahren Ream Kutztown, PA 19530	
908	Stan Kenosky Mount Pocono, PA 18344	
909	Jeanne Carol Myers, Ph.D. Philadelphia, PA 19106	
910	Joseph Kenosky Mount Pocono, PA 18344	
911	Carol Book York, PA 17406	
912	Susan Holmes Pittsburgh, PA 15221	
913	Barbara Sonies Narberth, PA 19072	
914	Daniel Taroli Kingston, PA 18704	
915	Emily Westrick Penn Valley, PA 19072	
916	Suzanne Baxter Ardmore, PA 19003	
917	Ronald Gulla Canonsburg, PA 15317	
918	Harry Hochheiser Pittsburgh, PA 15217	
919	Robin Steininger Honey Brook, PA 19344	
920	Shawn VanDyke Schuylkill Haven, PA 17972	
921	Susan Porter Hawley, PA 18428	
922	Susanna Martin Philadelphia, PA 19143	
923	Peter Syre Abington, PA 19001	
924	Carolyn Leavitt Bangor, PA 18013	
925	Amy Fields Pittsburgh, PA 15217	
926	Robert Kistler Bechtelsville, PA 19505	
927	Charles Forsythe Harleysville, PA 19438	

928	Paul Komishock Jr. Wilkes Barre, PA 18702	
929	Matthew Feldman Philadelphia, PA 19144	
930	Olivia McGee Ardmore, PA 19003	
931	Johanna Hantel Malvern, PA 19355	
932	Barbara Hogan Landenberg, PA 19350	
933	Ken Ely Wellsboro, PA 16901	
934	Joan Lewis Hatfield, PA 19440	
935	Ruth Darlington Medford, NJ 08055	
936	Robert Gibb Homestead, PA 15120	
937	Dave Carlton Pittsburgh, PA 15208	
938	Robert Janusko Bethlehem, PA 18018	
939	Ed Kuszajewski Greensburg, PA 15601	
940	Priscilla Taylor-Williams Media, PA 19063	
941	Cheryl Champy Media, PA 19063	
942	Jill Turco Philadelphia, PA 19146	
943	Frank Fredenburg Albrightsville, PA 18210	
944	Yolanda Stern Broad Indiana, PA 15701	
945	Marcus Ferreira Philadelphia, PA 19146	
946	Gary Kleiman Wayne, PA 19087	
947	Liana Lang White Haven, PA 18661	
948	Peter Hecht Philadelphia, PA 19147	
949	Joseph Schalter Allentown, PA 18104	

950	Joseph Brosky Johnstown, PA 15905	
951	Randall Tenor Mechanicsburg, PA 17050	
952	Karen Pearlstein Exton, PA 19341	
953	Bruce Kiesel Southampton, PA 18966	
954	Steve Sears Katy, TX 77494	
955	Kathy Dabanian Sellersville, PA 18960	
956	Kathleen Espamer Camp Hill, PA 17011	
957	Donald Wilson Philadelphia, PA 19111	
958	Kim Kantorik Acme, PA 15610	
959	Mary Jean Sharp Altoona, PA 16601	
960	Jim Dunn Williamsport, PA 17702	
961	Ann-Marie Christopher Pittsburgh, PA 15226	
962	Barbara Parker Sarver, PA 16055	
963	Benita Campbell Burgettstown, PA 15021	
964	Donna Cosgrove Philadelphia, PA 19103	
965	John Flynn Millville, PA 17846	
966	Dana Cohen Newtown, PA 18940	
967	Brian Resh Pequea, PA 17565	
968	Jeff Lieberman Newtown, PA 18940	
969	Richard Tregidgo Holtwood, PA 17532	
970	David Platt Halifax, PA 17032	
971	Michael Stapleton East Stroudsburg, PA 18302	

972	Stacey Marchig Upper Chichester, PA 19061	
973	Glenn Moyer Souderton, PA 18964	
974	Patrick Morgan McDonald, PA 15057	
975	Jeanne Held-Warmkessel North Wales, PA 19454	
976	Dennis Hartenstine Birdsboro, PA 19508	
977	Fred Kraybill Pittsburgh, PA 15208	
978	Denise Lytle Woodbridge, NJ 07095	
979	Susan Murawski North East, PA 16428	
980	Wendy Schlegel Philadelphia, PA 19116	
981	Jane Benning Allentown, PA 18103	
982	Alicia Weiss Lansdale, PA 19446	
983	Kathleen Reifke Pottstown, PA 19465	
984	Arlene Taylor Harrisburg, PA 17112	
985	Karen Reeve Doylestown, PA 18901	
986	Jack Leiss Pittsburgh, PA 15207	
987	Thomas Miller Camp Hill, PA 17011	
988	William Cornell Wormleysburg, PA 17043	
989	RK Panella Westfield, PA 16950	
990	Janet Sidewater Coatesville, PA 19320	
991	Ruth Sheets Brookhaven, PA 19015	
992	Paz Paulsen-Sacks Norristown, PA 19403	
993	Karen Erb Lancaster, PA 17601	

994	Linda Schmidt Pittsburgh, PA 15215	
995	Pat Howell Fairview, PA 16415	
996	Wendy Smith Camp Hill, PA 17011	
997	Alisa Apgar Philadelphia, PA 19146	
998	Dorothea Leicher Columbia Cross Roads, PA 16914	
999	Kathleen Miller Wilkes Barre, PA 18705	
1000	Richard Cole Norristown, PA 19403	
1001	Julie Butche Newfoundland, PA 18445	
1002	Robert McBride Greensburg, PA 15601	
1003	Bob Moyer Harleysville, PA 19438	
1004	Jennifer Clark Wallingford, PA 19086	
1005	Edward Freeman Philadelphia, PA 19139	
1006	Andrew M. Wilson Philadelphia, PA 19123	
1007	Kevin Stoner Mt Holly Springs, PA 17065	
1008	Thomas Posey Yardley, PA 19067	
1009	Karen Vanco Edinboro, PA 16412	
1010	Gwen Stadler Nazareth, PA 18064	
1011	Allan Rubin Upper Darby, PA 19082	
1012	Judith McLean Waynesboro, PA 17268	
1013	Bob Roach Pittsburgh, PA 15212	
1014	Phyllis Blumberg Bala Cynwyd, PA 19004	
1015	Al Cohen Hummelstown, PA 17036	



1016	Sharon Wushensky Kennett Square, PA 19348	
1017	Leslie Kaufman Philadelphia, PA 19123	
1018	Robert Depew Newtown, PA 18940	
1019	Sandra Gerhart Reading, PA 19608	
1020	Licia Slimon Pittsburgh, PA 15206	
1021	Christopher Daly Bryn Mawr, PA 19010	
1022	Joan Kolessar New Columbia, PA 17856	
1023	Thomas Campanini York, PA 17403	
1024	Ed Dunn Drexel Hill, PA 19026	
1025	Linda Granato Philadelphia, PA 19136	
1026	Nicola Nicolai Chester Springs, PA 19425	
1027	James Hicks Falls Creek, PA 15840	
1028	Theodore Reed Philadelphia, PA 19103	
1029	Jane Popko Palmyra, PA 17078	
1030	Susan Murphy Spring City, PA 19475	
1031	Jim Orley East Stroudsburg, PA 18302	
1032	John Linko Leetsdale, PA 15056	
1033	Norma Dunkelberger Elizabethtown, PA 17022	
1034	Laura Neiman Damascus, PA 18415	
1035	Patricia Kennedy Harrisburg, PA 17112	
1036	Jason Crawford Lancaster, PA 17601	
1037	Jill Karkosak Philadelphia, PA 19130	

1038	Meredith Stone Philadelphia, PA 19130	
1039	Dianne Hall Franklin, PA 16323	
1040	Tracey Ash Enola, PA 17025	
1041	Margi Mulligan Bryn Mawr, PA 19010	
1042	Jessica Boyer Harrisburg, PA 17111	
1043	Linda Bescript Langhorne, PA 19047	
1044	Doug Grainge Philadelphia, PA 19130	
1045	Russell Campbell Mercer, PA 16137	
1046	Kathryn Westman Gibsonia, PA 15044	
1047	James Keenan Lansdowne, PA 19050	
1048	Henry Berkowitz Sabinsville, PA 16943	
1049	Martina Jacobs Pittsburgh, PA 15208	
1050	Susan Krug-Gourley Lafayette Hill, PA 19444	
1051	Robert. D. Missimer. Jr. Clearwater, FL 33756	
1052	Edna Scheifele Emmaus, PA 18049	
1053	Carol Jagiello Bloomington, NJ 07403	
1054	Wayne Laubscher Lock Haven, PA 17745	
1055	Eleanor Pages Glen Mills, PA 19342	
1056	Judy Scriptunas Chambersburg, PA 17202	
1057	Debra Borowiec New Kensington, PA 15068	
1058	Doug Metzler Turtle Creek, PA 15145	
1059	Nancy Iannuzzelli Marcus Hook, PA 19061	

1060	Adam Castelli Pittsburgh, PA 15202	
1061	Carl Mozeleski Scott Township, PA 18411	
1062	Roberta Koch Sinking Spring, PA 19608	
1063	Joe Sayre Downingtown, PA 19335	
1064	Carrie Swank Reading, PA 19608	
1065	Andrew Mix Downingtown, PA 19335	
1066	Nancy Bergey New Wilmington, PA 16142	
1067	Tai Chang Blue Bell, PA 19422	
1068	Jan Peischl Allison Park, PA 15101	
1069	Jean Kammer Hawley, PA 18428	
1070	Mary Ann Leitch Philadelphia, PA 19147	
1071	William Huber Tobyhanna, PA 18466	
1072	Enrique Garcia Philadelphia, PA 19147	
1073	Vince DiPillo Glen Mills, PA 19342	
1074	Sarah Thompson Long Pond, PA 18334	
1075	Ruth Brubaker Sellersville, PA 18960	
1076	Joseph Magid Wynnewood, PA 19096	
1077	William Root Morrisville, PA 19067	
1078	James Coffey Green Lane, PA 18054	
1079	Wayne Bullaughey West Chester, PA 19382	
1080	Joanne Fox Pittsburgh, PA 15228	
1081	Stacy Bruno Beaver, PA 15009	

1082	Zuleikha Erbedinger-Bjork Pittsburgh, PA 15221	
1083	Frances Homer West Chester, PA 19380	
1084	Robert Gumlock Bethlehem, PA 18018	
1085	Lucinda Tucker Hamilton Township, NJ 08619	
1086	Julia Nakhleh Collegeville, PA 19426	
1087	Stacy Levy Spring Mills, PA 16875	
1088	Cynthia Sheikh West Chester, PA 19382	
1089	Henry Frank Philadelphia, PA 19153	
1090	Sharon Hoffman Pittsburgh, PA 15237	
1091	Susan Clarke-Mahoney Thornton, PA 19373	
1092	Michael Miller Jr Philadelphia, PA 19102	
1093	Al Ferrucci Pittsburgh, PA 15232	
1094	Linda Sieber Shermans Dale, PA 17090	
1095	Tina Durakov Bethlehem, PA 18017	
1096	Carol Carlson Mount Jewett, PA 16740	
1097	Donna Gayer New Tripoli, PA 18066	
1098	Gary Lewis Phoenixville, PA 19460	
1099	Lisa Cubeiro Manahawkin, NJ 08050	
1100	Thomas Snow Oakmont, PA 15139	
1101	Jennifer Ivers Kingston, PA 18704	
1102	William Montgomery Pottstown, PA 19465	
1103	Greta Aul Lancaster, PA 17603	

1104	Marie Cooney Plymouth Meeting, PA 19462	
1105	Daphne Pleasonton Doylestown, PA 18902	
1106	Daryl Rice Perkasie, PA 18944	
1107	Keith Fisher Willow Grove, PA 19090	
1108	Suzanne Hall Mont Alto, PA 17237	
1109	Robert Wallace Williamsport, PA 17701	
1110	Christopher Irwin North Versailles, PA 15137	
1111	Leslie Roessler Bethlehem, PA 18017	
1112	Melvin Armolt Chambersburg, PA 17202	
1113	Alexandra Napoleon Yardley, PA 19067	
1114	Raymond Terek Pine Grove, PA 17963	
1115	John Waering Wilkes Barre, PA 18705	
1116	Eileen Shupak Philadelphia, PA 19118	
1117	Sheila Siegel Philadelphia, PA 19106	
1118	Lee Bible Abbottstown, PA 17301	
1119	Sheila Erlbaum Philadelphia, PA 19119	
1120	Ron Ashton Gouldsboro, PA 18424	
1121	Kathleen Berkowitz Tafton, PA 18464	
1122	Joseph Berkowitz Tafton, PA 18464	
1123	Judith Bohler Ephrata, PA 17522	
1124	James and Joanne Smoker York, PA 17408	
1125	Phyllis Gardener State College, PA 16801	

1126	Don Hawkins North Braddock, PA 15104	
1127	Carol Ward Philadelphia, PA 19128	
1128	Peter Hughes Chester Springs, PA 19425	
1129	Laura Fake Womelsdorf, PA 19567	
1130	Anne Keys Collegeville, PA 19426	
1131	Kathleen Doctor Kittanning, PA 16201	
1132	W. Smith Ardmore, PA 19003	
1133	William Haaf Kennett Square, PA 19348	
1134	Char Esser Villanova, PA 19085	
1135	Heidi Hiteshue Clifton Heights, PA 19018	
1136	Wesley G. Finkbeiner Womelsdorf, PA 19567	
1137	Emily Pitner Washington, PA 15301	
1138	Michael Washil Irwin, PA 15642	
1139	Paul Ranello Hawley, PA 18428	
1140	Morgan Davis Chadds Ford, PA 19317	
1141	Robert Errett Greensburg, PA 15601	
1142	Dianne Klein Honesdale, PA 18431	
1143	Richard Johnson Curwensville, PA 16833	
1144	Anne Jackson Birdsboro, PA 19508	
1145	Susanne Groenendaal State College, PA 16801	
1146	Carol O'Neill Warriors Mark, PA 16877	
1147	Beverly Smalley Feasterville Trevose, PA 19053	

1148	Michelle Dugan Upper Darby, PA 19082	
1149	Patti Johnson Perkasie, PA 18944	
1150	Bogdan Ion Pittsburgh, PA 15215	
1151	Linda Higgins Flourtown, PA 19031	
1152	Barbara White Pittsburgh, PA 15221	
1153	Regina Brooks Pittsburgh, PA 15209	
1154	Dan Cush Aspinwall, PA 15215	
1155	Carolyn Cooper Philadelphia, PA 19138	
1156	Christopher Smith Birdsboro, PA 19508	
1157	Patti Miller Manchester, PA 17345	
1158	Margaret Laske Pittsburgh, PA 15217	
1159	Dan Mast Willow Street, PA 17584	
1160	James R Swenson State College, PA 16803	
1161	Thomas Diehl Stroudsburg, PA 18360	
1162	Patti Gray Bridgeville, PA 15017	
1163	Gary Ryan Doylestown, PA 18901	
1164	John Shannon Bloomsburg, PA 17815	
1165	Dennis Keller Middletown, PA 17057	
1166	Daniel Aunkst Watson town, PA 17777	
1167	David Laverne Dickson City, PA 18519	
1168	K Abbott Philadelphia, PA 19130	
1169	Craig Fausnacht Uniontown, PA 15401	

1170	Timothy T Landenberg, PA 19350	
1171	Francoise Lagasse Pittsburgh, PA 15215	
1172	Barbara Bradshaw Springfield, PA 19064	
1173	Brinton Culp Lititz, PA 17543	
1174	Lynne Waymon Newtown, PA 18940	
1175	Melinda Geiger Freedom, PA 15042	
1176	Lisa Geyer Bainbridge, PA 17502	
1177	Linda Blythe Philadelphia, PA 19104	
1178	Joann Aurand Pittsburgh, PA 15206	
1179	Marie Carota Doylestown, PA 18901	
1180	Paul Montell Baden, PA 15005	
1181	Kari Hultman Lemoyne, PA 17043	
1182	Loretta Lehman Duncannon, PA 17020	
1183	Marilynn Harper Media, PA 19063	
1184	Jean Wiant Glenolden, PA 19036	
1185	Diane Cicco Pittsburgh, PA 15235	
1186	Mitzi Deitch Feasterville Trevose, PA 19053	
1187	Marilyn Grasso Erie, PA 16509	
1188	Kathleen Zoll Oreland, PA 19075	
1189	Veronica Liebert Drexel Hill, PA 19026	
1190	Vickie Gotaskie Pittsburgh, PA 15216	
1191	Miichael Lombardi Levittown, PA 19054	



1192	Geoffrey Selling Philadelphia, PA 19119	
1193	Jen Danner Nazareth, PA 18064	
1194	Steve McGuinness Langhorne, PA 19047	
1195	Rob Sackett Erie, PA 16509	
1196	Liz Robinson Philadelphia, PA 19128	
1197	Tom Gauntt Bensalem, PA 19020	
1198	Chris Pessolano Henryville, PA 18332	
1199	Nathan Van Velson Lancaster, PA 17601	
1200	Maria Kiernan Jenkintown, PA 19046	
1201	Brett Schultz Wernersville, PA 19565	
1202	Cassandra Tereschak Scranton, PA 18510	
1203	Shelley Schwartz Mount Joy, PA 17552	
1204	Melissa and Robert Heller Bensalem, PA 19020	
1205	Betsy Delisle Lancaster, PA 17601	
1206	Donna McCallum Bethlehem, PA 18017	
1207	Joan Russo Hawley, PA 18428	
1208	Fran DeMillion Kennett Square, PA 19348	
1209	Adam Muzalewski Bethlehem, PA 18020	
1210	Sanford Leuba Pittsburgh, PA 15215	
1211	Elke Romer Riegelsville, PA 18077	
1212	Jane Wilshusen Mechanicsburg, PA 17055	
1213	Ricki Hurwitz Harrisburg, PA 17110	

1214	Lisa Holman Pittsburgh, PA 15217	
1215	Steven Zimmerman Pine Grove, PA 17963	
1216	Stephanie Ulmer Pittsburgh, PA 15218	
1217	Rebecca Jacoby Philadelphia, PA 19122	
1218	Diane Alexanderson Doylestown, PA 18901	
1219	Kelly McGuckin Glenolden, PA 19036	
1220	Amani Reid Philadelphia, PA 19121	
1221	Bruce Birchard Glen Mills, PA 19342	
1222	Rachael Neffshade Pittsburgh, PA 15239	
1223	Mary More Flourtown, PA 19031	
1224	Char Magaro Enola, PA 17025	
1225	Saundra Petrella Beaver, PA 15009	
1226	Ronald Wagner Boyertown, PA 19512	
1227	Donna Logan Erie, PA 16506	
1228	Robert Gaynor New Hope, PA 18938	
1229	Cory Moyer Myerstown, PA 17067	
1230	Brian Moore Philadelphia, PA 19104	
1231	Deb Horan Springfield, PA 19064	
1232	Suzanne Roth Birchrunville, PA 19421	
1233	James Morrison Willow Grove, PA 19090	
1234	Curtis Holgate Lancaster, PA 17601	
1235	David Way Pottstown, PA 19464	

1236	Patricia Greiss Carlisle, PA 17013	
1237	Michael Moppin Lemoyne, PA 17043	
1238	Anita Rinehart New Freedom, PA 17349	
1239	Robert Rhodes Mercersburg, PA 17236	
1240	Ken Ayre Saylorsburg, PA 18353	
1241	Rosa Esquenazi Philadelphia, PA 19103	
1242	Jarrett Cloud Morris Plains, NJ 07950	
1243	Amy Harlib New Yofk, NY 10011	
1244	Karen Guarino Spanton Philadelphia, PA 19127	
1245	Elizabeth Hersh Philadelphia, PA 19119	
1246	Vincent Prudente Philadelphia, PA 19146	
1247	N. Diamond Parsippany, NJ 07054	
1248	Janet Dingle Philadelphia, PA 19119	
1249	Joe Gsavaghan Bensalem, PA 19020	
1250	Dennis Kreiner Carpentersville, IL 60110	
1251	E Sartori Allentown, PA 18103	
1252	Susang-Talamo Family Export, PA 15632	
1253	Dolores Fifer Pittsburgh, PA 15201	
1254	Bryn Hammarstrom Middlebury Center, PA 16935	
1255	Diana Krantz Philadelphia, PA 19118	
1256	Steven Clawges Wernersville, PA 19565	
1257	Barry Cutler Springfield, PA 19064	

1258	Suzanne Cresswell West Chester, PA 19383	
1259	Tanya Richter Elizabethtown, PA 17022	
1260	Diane DiFante West Decatur, PA 16878	
1261	Ryan Dodson Lancaster, PA 17601	
1262	Hans Lashlee James Creek, PA 16657	
1263	Ronald Farrell Philadelphia, PA 19111	
1264	Jean Landis Port Matilda, PA 16870	
1265	Carol Buskirk Harrisburg, PA 17112	
1266	Donna Carswell Huntingdon Valley, PA 19006	
1267	Brenda Norris Brookhaven, PA 19015	
1268	Kay Reinfried Lititz, PA 17543	
1269	Whitney Wandelt Philadelphia, PA 19123	
1270	Edward Schneider Philadelphia, PA 19154	
1271	John Barna Homer City, PA 15748	
1272	John Stofko Allentown, PA 18102	
1273	Linda Campbell Emmaus, PA 18049	
1274	Chloe Surbeck Bryn Mawr, PA 19010	
1275	Tina Sheetz Harrisburg, PA 17112	
1276	Annie McCann Bensalem, PA 18976	
1277	Fay Wright Bala Cynwyd, PA 19004	
1278	Sabrina Fedel Pittsburgh, PA 15238	
1279	Margaret Denton Aston, PA 19014	

1280	Eugenia Ahern Philadelphia, PA 19149	
1281	William McLaughlin Philadelphia, PA 19148	
1282	Margaret Goodman Pacific Grove, CA 93950	
1283	Joseph Ponisciak Willingboro, NJ 08046	
1284	Sherwood Johnson Gibsonia, PA 15044	
1285	Kevin Cochrane Easton, PA 18040	
1286	J. Allen Feryok Monessen, PA 15062	
1287	David Kohler West Chester, PA 19380	
1288	Walter Tulys Hopelawn, NJ 08861	
1289	K Danowski Pittsburgh, PA 15243	
1290	Sandra Clark Erie, PA 16509	
1291	Dennis Schaeff Meadville, PA 16335	
1292	Jon Nadle Pittsburgh, PA 15216	
1293	Daniel Dayton Bensalem, PA 19020	
1294	Ray Verna Philadelphia, PA 19147	
1295	Sandra Unger Newtown, PA 18940	
1296	Frank A. Brincka Sussex, NJ 07461	
1297	Glenn Schlippert Etters, PA 17319	
1298	Jeanine Farrell Philadelphia, PA 19143	
1299	Heather Mack Ephrata, PA 17522	
1300	Lionel Ruberg Newtown, PA 18940	
1301	Bonnie McGill Conneaut Lake, PA 16316	

1302	Matthew Franck Highland Park, NJ 08904	
1303	Lynne Brown Glen Mills, PA 19342	
1304	Barbara Horst Harrisburg, PA 17110	
1305	Deborah Dawson Folsom, PA 19033	
1306	Vera Scroggins Brackney, PA 18812	
1307	David Cecchi North Apollo, PA 15673	
1308	Elizabeth Dale Harris Lansdowne, PA 19050	
1309	Dorothy Dunlap Pittsburgh, PA 15217	
1310	Greg Navarro Drexel Hill, PA 19026	
1311	Shannon Bearman Haverford, PA 19041	
1312	Kerri Klugman Belmont, MA 02478	
1313	Gina Leon State College, PA 16802	
1314	Jeff Erwin Chalfont, PA 18914	
1315	Gretchen Linton Centre Hall, PA 16828	
1316	Bill Morgan Pottstown, PA 19465	
1317	Pamela Haines Philadelphia, PA 19143	
1318	Lloyd Brown Devon, PA 19333	
1319	Mary Ellen Snyder Zionsville, PA 18092	
1320	Glenn Turner Philadelphia, PA 19147	
1321	Tom Gilbert Doylestown, PA 18902	
1322	Robert Leming Philadelphia, PA 19118	
1323	Janet Cavallo Secane, PA 19018	

1324	Mary Mester, Sisters of Mercy Bridgeport, PA 19405	
1325	David Meade Apollo, PA 15613	
1326	Justin Hartman Downingtown, PA 19335	
1327	Aaron Lockard Thorndale, PA 19372	
1328	Christopher Seymour Pittsburgh, PA 15236	
1329	Anthony Consbruck Grove City, PA 16127	
1330	David L Stermer Sr Windsor, PA 17366	
1331	Lynn Atwood Slippery Rock, PA 16057	
1332	Frank Peachey Akron, PA 17501	
1333	Sue Bialostosky Pittsburgh, PA 15206	
1334	Zoe Warner Malvern, PA 19355	
1335	Nancy Chernett Wynnewood, PA 19096	
1336	Brian Brown Lewisburg, PA 17837	
1337	Pete McCarthy Newton, NJ 07860	
1338	Barbara Bruce Johnstown, PA 15905	
1339	Dianna Holland Philadelphia, PA 19144	
1340	Shari Johnson Wyncote, PA 19095	
1341	Carol Catanese Kennett Square, PA 19348	
1342	Susan Underwood Wayne, PA 19087	
1343	Jody Zwick Coatesville, PA 19320	
1344	Elise Thomas York, PA 17403	
1345	Sharon Furlong Feasterville Trevose, PA 19053	

1346	Richard Keeler Bensalem, PA 19020	
1347	Shawn Reed Sharon, PA 16146	
1348	David Secan New Hope, PA 18938	
1349	David Whiteman Centre Hall, PA 16828	
1350	Laura Horowitz Pittsburgh, PA 15217	
1351	Diana Hulboy Philadelphia, PA 19128	
1352	Susan Porter Avondale, PA 19311	
1353	James Powell Washington, PA 15301	
1354	Garry Armstrong West Middletown, PA 15379	
1355	David Zanardelli Eighty-Four, PA 15330	
1356	Colleen Wilson Parkesburg, PA 19365	
1357	Kate Toczek Hershey, PA 17033	
1358	Karen Sharrar Philadelphus, PA 19130	
1359	Sally McDermott State College, PA 16801	
1360	Janis Long Indiana, PA 15701	
1361	Clarence Newlin Millerstown, PA 17062	
1362	Winifred Lutz Huntingdon Valley, PA 19006	
1363	John Dulik Philadelphia, PA 19118	
1364	Dea Mallin Philadelphia, PA 19130	
1365	Margaret Turcich Philadelphia, PA 19123	
1366	Vonny Eckman Carlisle, PA 17015	



1367	James Mansfield New Hope, PA 18938	
1368	Jennifer Armento Philadelphia, PA 19143	
1369	Roger Latham Rose Valley, PA 19086	
1370	Patricia Dangle Montoursville, PA 17754	
1371	Kenneth C. Grosso Montclair, NJ 07042	
1372	Kathy Ober Pittsburgh, PA 15220	
1373	Mike Peale Aston, PA 19014	
1374	Tom Harris Leechburg, PA 15656	
1375	Andrew Wadsworth Reading, PA 19606	
1376	George Bourlotos Morris Plains, NJ 07950	
1377	Elizabeth Karpinski Norristown, PA 19403	
1378	David Jones Washington, PA 15201	
1379	Richard Whiteford West Chester, PA 19382	
1380	Paul Metzloff Pottstown, PA 19465	
1381	Don Stanko New Kensington, PA 15068	
1382	Christina Clement Intercourse, PA 17534	
1383	Kirk Ramble York, PA 17404	
1384	Stephen Loughin Bala Cynwyd, PA 19004	
1385	Jamie Yeager Pottstown, PA 19464	
1386	Margaret Reiter Saylorsburg, PA 18353	
1387	Steven Williams Pittsburgh, PA 15212	
1388	William B Hoskins Lewisburg, PA 17837	

1389	Heather Gustafson Collegetown, PA 19426	
1390	Eric Matuszak Kennett Square, PA 19348	
1391	Kevin Meehan Newtown Square, PA 19073	
1392	James Stewart Martinsburg, PA 16662	
1393	Susan Thompson Audubon, PA 19403	
1394	Katharine Dodge Lake Ariel, PA 18436	
1395	Kelly Riley Hatfield, PA 19440	
1396	Peter Gottemoller Glenside, PA 19038	
1397	Connie Wallace Chester Springs, PA 19425	
1398	Jean Bechtel Philadelphia, PA 19148	
1399	M S Stroudsburg, PA 18360	
1400	J.T. Smith Sellersville, PA 18960	
1401	Travis DiNicola Harrisburg, PA 17102	
1402	Peter Zacharias Lancaster, PA 17603	
1403	Robert Feaser Annville, PA 17003	
1404	Clifford Johnston Morrisdale, PA 16858	
1405	Sherry Dinnen Allison Park, PA 15101	
1406	Rebecka Speelman Abbottstown, PA 17331	
1407	Jack Miller Lewisburg, PA 17837	
1408	Sue Milnes Mechanicsburg, PA 17055	
1409	Deena Dailey East Stroudsburg, PA 18301	
1410	Greg Skutches Bethlehem, PA 18018	

1411	Lisa Ketrick Hummelstown, PA 17036	
1412	Heather Nelson Douglassville, PA 19518	
1413	JoAnn Sorrell Collegeville, PA 19426	
1414	Vincent Amatangelo Allison Park, PA 15101	
1415	Katy Ruckdeschel Merion Station, PA 19066	
1416	Melody Jones Reading, PA 19608	
1417	John Woodward New Stanton, PA 15672	
1418	Paul Palla Greencastle, PA 17225	
1419	Wendy Solomon Pittsburgh, PA 15217	
1420	Fred Pier West Chester, PA 19380	
1421	Sheila Stevens Ft Washington, PA 19034	
1422	Joyce Durkin Mountville, PA 17554	
1423	B S Pittsburgh, PA 15212	
1424	Lynda Kolesar Monroeville, PA 15146	
1425	Anna Lawler Yardley, PA 19067	
1426	Elizabeth Seltzer Media, PA 19063	
1427	Connie Freeman Philadelphia, PA 19147	
1428	Thomas Josephi Pittsburgh, PA 15216	
1429	George Zgela Conneaut Lake, PA 16316	
1430	Susan Saltzman Philadelphia, PA 19102	
1431	Laura White Huntingdon, PA 16652	
1432	Michael Gumpert Douglassville, PA 19518	

1433	Joan Schooley Sweet Valley, PA 18656	
1434	Mary McKenna Philadelphia, PA 19119	
1435	Andrea Saunders Sellersville, PA 18960	
1436	Rev. David Wesley Brown Philadelphia, PA 19111	
1437	John Hahn Shohola, PA 18458	
1438	Carol Waldner Harrisburg, PA 17112	
1439	Kevin Long Marysville, PA 17053	
1440	Barbara Pennell Harrisburg, PA 17104	
1441	Erin Copeland Pittsburgh, PA 15206	
1442	Shawn Megill Legendre Philadelphia, PA 19144	
1443	David Loeb Jenkintown, PA 19046	
1444	Heidi Shiver Doylestown, PA 18901	
1445	Laura Lane Philadelphia, PA 19106	
1446	Anna Minore Wilkes Barre, PA 18702	
1447	Steve Olshevski Philadelphia, PA 19123	
1448	Hannah Ryan Philadelphia, PA 19146	
1449	Joe Kiefner Jenkintown, PA 19046	
1450	Laurent Hahn Philadelphia, PA 19111	
1451	PA Ream Conestoga, PA 17516	
1452	Donna Bookheimer Douglassville, PA 19518	
1453	Stephanie Harper Huntingdon, PA 16652	
1454	Diane Selvaggio Gibsonia, PA 15044	

1455	Ellen Cohen Ardmore, PA 19003	
1456	Louise Sellon Scotrun, PA 18355	
1457	Susan Babbitt Philadelphia, PA 19107	
1458	Cathy Fallon Media, PA 19063	
1459	Walter Tsou Philadelphia, PA 19102	
1460	Thomas Dunlap Latrobe, PA 15650	
1461	Jennifer Holmes Philadelphia, PA 19104	
1462	Christoph Stannik Doylestown, PA 18902	
1463	Kathryn Morrow State College, PA 16803	
1464	Larry Trout Havertown, PA 19083	
1465	Nancy Malone Pittsburgh, PA 15237	
1466	Volker Hartkopf Pittsburgh, PA 15206	
1467	Chris Roche Reading, PA 19606	
1468	Barbara Atkinson Southampton, PA 18966	
1469	Patricia Hartigan Glenshaw, PA 15116	
1470	Susan Luebbert Pittsburgh, PA 15237	
1471	Helen Syen Philadelphia, PA 19152	
1472	Timothy Lyons North East, PA 16428	
1473	B Kegelman West Chester, PA 19382	
1474	David Knox Gettysburg, PA 17325	
1475	M. Eileen Graham Gardners, PA 17324	
1476	Patricia R. Wendell Jeannette, PA 15644	
1477	Michelle Terry	

1478	Susan Gritz-Miller Wagontown, PA 19376-0160	
1479	Mary Sue Boyle West Chester, PA 19382-2005	
1480	Maren Cooke Pittsburgh, PA 15217-1825	
1481	Jill Bielawski Downingtown, PA 19335-1260	
1482	Walker Tompkins Downingtown, PA 19335-3855	
1483	Brian Dunn West Chester, PA 19380-1203	
1484	Barbara Hess Downingtown, PA 19335-3657	
1485	Leah Seace Downingtown, PA 19335-1521	
1486	Kathleen Griffith Exton, PA 19341-2190	
1487	Sarah Acuna West Chester, PA 19380-1723	
1488	Elizabeth McParland West Chester, PA 19380-6487	
1489	Kristen Dunegan Exton, PA 19341-1706	
1490	Yolanda Torres Media, PA 19063-5526	
1491	Mauro Depalma Chester Springs, PA 19425-2003	
1492	Jennifer Hartz Thorndale, PA 19372-1008	
1493	Melissa Zimmerman West Chester, PA 19380-1778	
1494	Carleen Eldridge West Chester, PA 19380-2208	
1495	Joanne Seavey Exton, PA 19341-1912	
1496	Vina Estrada Coatesville, PA 19320-1628	
1497	Teresa Patton Pottstown, PA 19465-7750	
1498	Michael Murphy Gilbertsville, PA 19525-9701	
1499	Kurt Jaworski West Chester, PA 19380-1862	

1500	Marie Lawson Coatesville, PA 19320-3721	
1501	Eric Haelle West Chester, PA 19380-1195	
1502	Linda Beavers West Chester, PA 19380-1730	
1503	Joan Homick Exton, PA 19341-3049	
1504	Joan McKinley Malvern, PA 19355-9629	
1505	Emily Arnold West Chester, PA 19382-3394	
1506	Kimberly Duke Coatesville, PA 19320-2545	
1507	Susan Jeffries Downingtown, PA 19335-1739	
1508	Bob Burleigh West Chester, PA 19380-1540	
1509	Doug Rider West Chester, PA 19380-1707	
1510	Catherine Roundy Malvern, PA 19355-9738	
1511	Maureen Coulter Exton, PA 19341-2430	
1512	Kelly Lammey Downingtown, PA 19335-4044	
1513	Andrea Cauble Exton, PA 19341-1927	
1514	Shaina J. King Downingtown, PA 19335-2871	
1515	Christopher Carnes Downingtown, PA 19335-1881	
1516	Megan White Exton, PA 19341-2413	
1517	Carrie Gross Exton, PA 19341-1516	
1518	Christine Pontecorvo Coatesville, PA 19320-4823	
1519	Kaitlin Prosser West Chester, PA 19380-7103	
1520	Chris Dewees Downingtown, PA 19335-4486	

1521	Theodore Strand Exton, PA 19341-2340	
1522	Alexander Kurz Downingtown, PA 19335-2847	
1523	Bajeerah LaCava Phoenixville, PA 19460-3620	
1524	Holly Bradbury Exton, PA 19341-1590	
1525	Alicia Ferdman Downingtown, PA 19335-1811	
1526	Carolyn Harding Coatesville, PA 19320-5923	
1527	Bruce Bechtold Phoenixville, PA 19460-4872	
1528	Amanda Jensen Lansdale, PA 19446-5525	
1529	David Brittingham Malvern, PA 19355-1962	
1530	Rachel Kelly Chadds Ford, PA 19317-9013	
1531	Mary March Malvern, PA 19355-3217	
1532	Lani Frank Malvern, PA 19355-3364	
1533	Annette Alleva Malvern, PA 19355-9551	
1534	Randy Richard Phoenixville, PA 19460-1853	
1535	Jennifer Quay West Chester, PA 19380-1003	
1536	Mary Osborne Exton, PA 19341-1544	
1537	Janet Marchetti Exton, PA 19341-1815	
1538	Lisa Huffman Downingtown, PA 19335-1695	
1539	Susan Lee Malvern, PA 19355-9736	
1540	Erin Tennity Richard Phoenixville, PA 19460-1853	
1541	Courtney Diec Downingtown, PA 19335-4541	
1542	Heidi Keiser Exton, PA 19341-0919	



1543	Paul Carpenter Exton, PA 19341-1554	
1544	Doug Miller West Chester, PA 19382-6318	
1545	Janice Mancuso Glen Mills, PA 19342-2623	
1546	Judy Hammet-Kelly Chadds Ford, PA 19317-9013	
1547	Ruth Panella Wilmington DE 19810-4054	
1548	Elise Berlin Coatesville, PA 19320-4605	
1549	Edward Cavey West Chester, PA 19382-7835	
1550	Lisa Longo Phoenixville, PA 19460-4307	
1551	Toni Monteiro West Chester, PA 19380-1487	
1552	Jeff Callahan West Chester, PA 19380-1395	
1553	Lisa Leadbeater Exton, PA 19341-1811	
1554	Pamela Grassano Exton, PA 19341-1839	
1555	James Scarola Exton, PA 19341-2418	
1556	Linda Emory Media, PA 19063-2301	
1557	Sharon Soper Exton, PA 19341-1774	
1558	Ashley Gagné West Chester, PA 19382-4837	
1559	Don Berlin Coatesville, PA 19320-4605	
1560	Amy Wodaski Exton, PA 19341-1199	
1561	Eve Miari Media, PA 19063-1617	
1562	Denise McCarthy Glen Mills, PA 19342-1675	
1563	Christiane Torres West Chester, PA 19380-2507	
1564	Elizabeth Brindle Glenmoore, PA 19343-1120	

1565	Michael DeFlavia Berwyn, PA 19312-1604	
1566	Tammy Krumbhaar Glenmoore, PA 19343-2016	
1567	Irene Boyer Downingtown, PA 19335-1814	
1568	Jesse Cannon Elverson, PA 19520-9531	
1569	Jacqueline Johnston Malvern, PA 19355-2412	
1570	Melissa Haines Aston, PA 19014-2819	
1571	Cindy Schenkel Exton, PA 19341-2906	
1572	Regina Cunningham West Chester, PA 19380-4329	
1573	Frankie Chiquoine Exton, PA 19341-2762	
1574	Kim Doan Exton, PA 19341-1488	
1575	Matt Kinneman Downingtown, PA 19335-1439	
1576	Pat Ackerman West Chester, PA 19382-2851	
1577	Dale Scalea Downingtown, PA 19335-4533	
1578	John McDevitt Wayne, PA 19087-1525	
1579	Lauren Cortesi Glenmoore, PA 19343-9541	
1580	Carol Cannon Springfield, PA 19064-2108	
1581	Lora Snyder Glen Mills, PA 19342-1915	
1582	Barbara Moore Newtown Square, PA 19073-2913	
1583	Marguerite Carroll West Chester, PA 19382-1936	
1584	Jill Holsclaw Malvern, PA 19355-2110	
1585	Craig Barrett Mohnton, PA 19540-7780	
1586	Margaret Hudgings West Chester, PA 19382-3330	

1587	Daniel Rhodes Downingtown, PA 19335-1274	
1588	Rachel Schmerling Chester Springs, PA 19425-3834	
1589	Lorraine Verdieck Coatesville, PA 19320-1308	
1590	Paula Brandl Exton, PA 19341-2765	
1591	Lindsey Havyer Pottstown, PA 19464-4327	
1592	Jodie Brown West Chester, PA 19380-1441	
1593	Sameer Jadhav West Chester, PA 19380-3826	
1594	Jennifer Kowaleski Coatesville, PA 19320-1812	
1595	Laura Walsh Downingtown, PA 19335-5335	
1596	Maren Reid Glenmoore, PA 19343-1718	
1597	Tim Hubbard Downingtown, PA 19335-3459	
1598	Sandra Kerr Exton, PA 19341-2320	
1599	Matthew Nergart Glenmoore, PA 19343-1721	
1600	Leata Mullen downingtown, PA 19335-4152	
1601	Jessica Letscher Downingtown, PA 19335-4959	
1602	Audrey Skowronski West Chester, PA 19380-6911	
1603	Jennifer Nichols Lenni, PA 19052-0225	
1604	Rose Hallermeier Downingtown, PA 19335-3332	
1605	Dreya Moore West Chester, PA 19380-2221	
1606	Dierdre Konar Glen Mills, PA 19342-8844	
1607	Deborah Forman West Chester, PA 19380-1708	
1608	Sandya Srinivas Downingtown, PA 19335-1793	

1609	Doreen Jones West Deptford NJ, 08096-3430	
1610	Gail Whitaker Media, PA 19063-3710	
1611	John Kohler West Chester, PA 19380-5782	
1612	Bob & Marylou Starner Downingtown, PA 19335-1818	
1613	Caroline Haley Drexel Hill, PA 19026-4320	
1614	James McCrea Exton, PA 19341-1717	
1615	Judith McClintock West Chester, PA 19380-1734	
1616	Regina Zeszut West Chester, PA 19380-1304	
1617	Ryan MacDonald Parkesburg, PA 19365-1403	
1618	Janet Brookover Downingtown, PA 19335-1813	
1619	Sarah Murray Chadds Ford, PA 19317-9363	
1620	Mary Ann Kusner West Chester, PA 19380-5729	
1621	Joan Baldwin West Chester, PA 19382-1947	
1622	Carly Fabian Newark, DE 19711-8528	
1623	Teri Goslin West Chester, PA 19380-1405	
1624	Carolyn Barcomb Media, PA 19063-4519	
1625	Aryn Mullen Downingtown, PA 19335-3347	
1626	Nicole Vaughen Downingtown, PA 19335-1864	
1627	Brian Kerslake Exton, PA 19341-2133	
1628	Julie Andraca Exton, PA 19341-1773	
1629	Dana Kelley Downingtown, PA 19335-1810	
1630	James Mowday Downingtown, PA 19335-1810	

1631	Erin Gallagher West Chester, PA 19380-6448	
1632	John McGrath Exton, PA 19341-1741	
1633	Ryan Herlinger Havertown, PA 19083-5715	
1634	Elliot Blake Kennett Square, PA 19348-1726	
1635	Patricia Dillon Pottstown, PA 19465-7624	
1636	Jennifer Schray Coatesville, PA 19320-1040	
1637	Allison McAllister West Chester, PA 19382-7957	
1638	Srikanth Gadiyar West Chester, PA 19380-7336	
1639	James Peterson Wallingford, PA 19086-6319	
1640	Rich Grosskettler Glenmoore, PA 19343-1729	
1641	Angela Smith Malvern, PA 19355-2105	
1642	Annette Murray Exton, PA 19341-2437	
1643	Jessica Sullivan-Brown Downingtown, PA 19335-4958	
1644	William Van Wie Kennett Square, PA 19348-2337	
1645	Zachary Davis Phoenixville, PA 19460-3660	
1646	Mark DeFusco Pottstown, PA 19465-8142	
1647	Alicia Eggers Media, PA 19063-4922	
1648	Andrea Gerhart West Chester, PA 19380-1599	
1649	Gregory Daglis Glenmoore, PA 19343-1807	
1650	Rosemary Watt West Chester, PA 19380-1465	
1651	Rebecca Buchholz Malvern, PA 19355-3069	
1652	Craig Krumbhaar Glenmoore, PA 19343-2016	

1653	Nancy McMullen Exton, PA 19341-2414	
1654	Chris Knepp West Chester, PA 19380-1185	
1655	Laura Beeny Malvern, PA 19355-2013	
1656	Katherine Farrell Downingtown, PA 19335-1531	
1657	Douglas Spencer Kennett Square, PA 19348-2331	
1658	Kartick Sundaram Malvern, PA 19355-0297	
1659	Katie Shaffer Malvern, PA 19355-8828	
1660	Shelley Durbanis Glenmoore, PA 19343-1122	
1661	Kathleen Hester Exton, PA 19341-2410	
1662	Julie Pizzi Coatesville, PA 19320-2772	
1663	Debra Quinn Downingtown, PA 19335-2165	
1664	Sherry Lawrence Malvern, PA 19355-8697	
1665	Monica Sekela West Chester, PA 19380-1751	
1666	Beta Starchild Pottstown, PA 19465-9635	
1667	Jorge Salazar Downingtown, PA 19335-4518	
1668	Donna Galvin West Chester, PA 19380-1742	
1669	Aeran Atlas Malvern, PA 19355-1204	
1670	Muhammad Lowe East Fallowfield, PA 19320-4183	
1671	Bonnie Stoeckl Pequea, PA 17565-9781	
1672	Kristen Richey Mechanicsburg, PA 17055-3425	
1673	Edna Patterson Downingtown, PA 19335-2862	
1674	Zaira Jones Exton, PA 19341-2907	

1675	Mark Campbell Chester Springs, PA 19425-1609	
1676	Lori McCarter West Chester, PA 19380-4446	
1677	Kenneth Stewart Downingtown, PA 19335-4856	
1678	Sonya Hough West Bradford, PA 19380-1515	
1679	Kathryn McCarry Kennett Square, OH 19348-1822	
1680	Dena McGuigan Downingtown, PA 19335-1864	
1681	Fawn Collingwood Downingtown, PA 19335-1863	
1682	Geoff Fryer Downingtown, PA 19335-4453	
1683	Sandy Brinker West Chester, PA 19382-3505	
1684	Robert Limouze East Fallowfield, PA 19320-3960	
1685	Anne Watson Malvern, PA 19355-3142	
1686	Melissa Muhly West Chester, PA 19382-8218	
1687	Jen Polk Downingtown, PA 19335-1864	
1688	Cheryl Hertzog Elverson, PA 19520-8819	
1689	Mary McCloskey West Chester, PA 19380-6473	
1690	Tim Cochrane Downingtown, PA 19335-4442	
1691	Dawn Savidge West Chester, PA 19380-1519	
1692	James Steiner Malvern, PA 19355-2034	
1693	Sanja Monteiro Downingtown, PA 19335-2473	
1694	Tammy Murphy Philadelphia, PA 19129-1426	
1695	Caryn Mann Chester Springs, PA 19425-8743	
1696	Roberta Lewis West Chester, PA 19380-4055	

1697	Andrea MacNeill Coatesville, PA 19320-2106	
1698	Lila Soltani Gladwyne, PA 19035-1208	
1699	Bonita Annis Byrnedale, PA 15827-9720	
1700	Andrew Peiffer Glenmoore, PA 19343-1722	
1701	JoAnn Williams Media, PA 19063-4924	
1702	Christina Morley West Chester, PA 19380-6373	
1703	Jessica Yothers Downingtown, PA 19335-2352	
1704	Genevieve Berrodin Chester springs, PA 19425-9511	
1705	Donna Boyle West Chester, PA 19380-3642	
1706	Tim Wagner Downingtown, PA 19335-1501	
1707	Heather Mullray Exton, PA 19341-2338	
1708	Kelly Lafferty Coatesville, PA 19320-4180	
1709	Erika Rua Downingtown, PA 19335-4310	
1710	Kathleen Binard Glenmoore, PA 19343-9525	
1711	Zach Gryphon Downingtown, PA 19335-1892	
1712	Maria McCabe Glenmoore, PA 19343-1334	
1713	Lee Wisdom Downingtown, PA 19335-1659	
1714	Paige McHugh Downingtown, PA 19335-1952	
1715	Rob McClimon Pottstown, PA 19465-8862	
1716	Stephen Seibert Honey Brook, PA 19344-9770	
1717	Anne Barnello Downingtown, PA 19335-1792	
1718	Nancy Veronesi Wayne, PA 19087-1341	



1719	Terry McAlonie West Chester, PA 19380-5922	
1720	Kim Hennessy Honey Brook, PA 19344-9505	
1721	Debbie Lutz Malvern, PA 19355-2887	
1722	Jan Battle Coatesville, PA 19320-4151	
1723	Elizabeth Palmer Glenmoore, PA 19343-8913	
1724	Vijaya Vissapragada Malvern, PA 19355-8524	
1725	Kristianne Chattin Downingtown, PA 19335-1258	
1726	Andrew McDowell Downingtown, PA 19335-4000	
1727	Phil Hicks Exton, PA 19341-1944	
1728	Drew Carl Devon, PA 19333-1524	
1729	Kathy Andrejko Downingtown, PA 19335-3107	
1730	Stephanie Gunderson Malvern, PA 19355-1034	
1731	Chelsea Jacobs Malvern, PA 19355-1648	
1732	Joan Alexander Frazer, PA 19355-1506	
1733	Margaret Kerr Malvern, PA 19355-2886	
1734	Barbara Lowe Coatesville, PA 19320-4183	
1735	Tim Birnley Chester Springs, PA 19425-9609	
1736	Kel Schmitt Malvern, PA 19355-2751	
1737	Amy Li Malvern, PA 19355-8613	
1738	Mireya Rengert Exton, PA 19341-2742	
1739	Melissa DiBernardino West Chester, PA 19380-6032	
1740	Lisa Shipley Pottstown, PA 19465-7022	

1741	Michael Patterson Glenmoore, PA 19343-8938	
1742	Courtney Dewees Exton, PA 19341-3703	
1743	Steven Verngren Downingtown, PA 19335-2760	
1744	Melissa Malatesta Exton, PA 19341-2437	
1745	Martha Evans Buena Vista, PA 15018-9031	
1746	Sharon Vonbergen Aston, PA 19014-2005	
1747	Donna Flood Malvern, PA 19355-3077	
1748	Tim Mallowe Glenmoore, PA 19343-1423	
1749	Cheryl ONeill Chester Springs, PA 19425-1214	
1750	Julia Giardina Exton, PA 19341-2410	
1751	Blake Smith Glenmoore, PA 19343-1718	
1752	Matthew Munz West Chester, PA 19380-3940	
1753	Teresa Talucci Downingtown, PA 19335-2539	
1754	Brian Noah Exton, PA 19341-2123	
1755	Amy Heller Paoli, PA 19301-1502	
1756	Shelly Klenk Thorndale, PA 19372-1064	
1757	Joseph Long Exton, PA 19341-2418	
1758	Jackie Wu Chester Springs, PA 19425-3611	
1759	Penny Kain-Bohrer West Chester, PA 19380-3828	
1760	Jeanne Berlin Coatesville, PA 19320-4605	
1761	Teresa Sanders Malvern, PA 19355-2623	
1762	Kimberly Kerr West Chester, PA 19380-4919	

1763	Aliene Dalton Gilbertsville, PA 19525-8112	
1764	Lana Quigley Glen Mills, PA 19342-1229	
1765	Kristy Kingan Malvern, PA 19355-1102	
1766	Edward Dombek Malvern, PA 19355-3211	
1767	Melody Templeton Kimberton, PA 19442-0955	
1768	Caitlin Bottomley Downingtown, PA 19335-2539	
1769	Renee Richey Honey Brook, PA 19344-9633	
1770	Sandra Widdis West Chester, PA 19380-5867	
1771	C Siers Downingtown, PA 19335-3746	
1772	Susan Krulikowski Spring City, PA 19475-9531	
1773	Daniel Kocotas Wilmington, DE 19809-1761	
1774	Jill Nesbitt Chester Springs, PA 19425-3608	
1775	Robert Kearns Hollidaysburg, PA 16648-8112	
1776	Pat Devlin Exton, PA 19341-1819	
1777	Robert Bruckman West Chester, PA 19380-1178	
1778	Samantha Scott Exton, PA 19341-2362	
1779	John McStravick Exton, PA 19341-2433	
1780	Nicole Graham Glenmoore, PA 19343-9539	
1781	Sally Helms West Chester, PA 19380-6747	
1782	Aubrey Pool Downingtown, PA 19335-1632	
1783	Priyanka Gupta Exton, PA 19341-2712	
1784	Nicole Valentine West Chester, PA 19380-6010	

1785	Ashley Nguyen Exton, PA 19341-2402	
1786	Kristen Bassick Chester Springs, PA 19425-3635	
1787	Kelly McCann Downingtown, PA 19335-1722	
1788	Rebekah McGuire-Capps Phoenixville, PA 19460-3105	
1789	Jeremy Garner Glenmoore, PA 19343-2662	
1790	Amish Dhanak West Chester, PA 19380-1752	
1791	Margaret Hartzell Glenmoore, PA 19343-2639	
1792	Michael Dixon Coatesville, PA 19320-2756	
1793	Kathryn Cole Downingtown, PA 19335-4486	
1794	Joy Zug West Chester, PA 19380-2753	
1795	Joseph Ferris Downingtown, PA 19335-2915	
1796	Samantha Tajirian Springfield, PA 19064-2108	
1797	Brian Labuda Downingtown, PA 19335-1629	
1798	Sri Burra Malvern, PA 19355-8633	
1799	Barbara Phillips Exton, PA 19341-1478	
1800	Leslie McDonough Christiana, PA 17509-1601	
1801	Mary Wasko Honey Brook, PA 19344-9503	
1802	Nancy Faust Lyndell, PA 19354-0011	
1803	Rosemary Callahan Malvern, PA 19355-2235	
1804	Juliana Geiger Malvern, PA 19355-1601	
1805	Alicia Graci Exton, PA 19341-1426	
1806	Adrienne McNamara Malvern, PA 19355-2237	

1807	Kim Krause Parkesburg, PA 19365-1601	
1808	Martha Thomae Uwchland, PA 19480-0575	
1809	Sara Getz West Chester, PA 19382-1952	
1810	Lynne Gallery Paoli, PA 19301-0791	
1811	Barbara Robinson West Chester, PA 19380-1306	
1812	Robin Spurlino Downingtown, PA 19335-1261	
1813	Robin West Downingtown, PA 19335-1485	
1814	Ashley Mahoney Downingtown, PA 19335-2318	
1815	Lauren Clery Glenmoore, PA 19343-2006	
1816	Melanie Henricks Chester Springs, PA 19425-2115	
1817	Kristin Ritter Downingtown, PA 19335-3744	
1818	Rita Kaplan Chester Springs, PA 19425-1423	
1819	Ann Snee Malvern, PA 19355-2010	
1820	Yvonne LeFever Prospect Park, PA 19076-2031	
1821	Sharon Yates Coatesville, PA 19320-2863	
1822	Allyson Galloway Media, PA 19063-5753	
1823	Dee Doherty Downingtown, PA 19335-1782	
1824	Kelly Besack Glenmoore, PA 19343-1729	
1825	Sameena Rehman Malvern, PA 19355-1680	
1826	Maria Morelli Malvern, PA 19355-2822	
1827	Julia Barcalow West Chester, PA 19380-4706	
1828	Fany Guerra Bonilla Downingtown, PA 19335-3321	

1829	Muriel McDaniel Exton, PA 19341-2221	
1830	Lisa Zaums Chester Springs, PA 19425-2920	
1831	Evelyn Mullens Malvern, PA 19355-2114	
1832	Shawn Duffy Eagleville, PA 19403-1409	
1833	Linda Kramer Chester Springs, PA 19425-9534	
1834	Susan Edinger Louisa, VA 23093-2536	
1835	William Jeffries Downingtown, PA 19335-1739	
1836	Anne Pombrekas Glenmoore, PA 19343-9528	
1837	John Mattia Exton, PA 19341-2390	
1838	Tara Brooks Malvern, PA 19355-1517	
1839	Dawn Ross Honey Brook, PA 19344-1083	
1840	Roxanne Evans Glenmoore, PA 19343-1906	
1841	Priscilla Kachmar West Chester, PA 19380-2171	
1842	Cynthia Black Phoenixville, PA 19460-1602	
1843	Craig Moss Downingtown, PA 19335-1573	
1844	Sandy Keefer Exton, PA 19341-1500	
1845	Allison Dhuy Pottstown, PA 19465-7247	
1846	Phyllis Skupien Downingtown, PA 19335-4004	
1847	Nicole Curran Downingtown, PA 19335-1990	
1848	Robert Nash Downingtown, PA 19335-4560	
1849	Mary Burgoyne West Chester, PA 19380-1128	
1850	John Churchman Downingtown, PA 19335	

1851	Debra Martin Glenmoore, PA 19343-1921	
1852	Karen J Mitchell Downingtown, PA 19335-3079	
1853	Annie Hollis Media, PA 19063-5853	
1854	Dawn Groff Glenmoore, PA 19343-9525	
1855	Melanie Regis Downingtown, PA 19335-2831	
1856	Grace Boraas Downingtown, PA 19335-1838	
1857	Lorraine Battista Downingtown, PA 19335-3832	
1858	Jill Shaddock Malvern, PA 19355-2703	
1859	Sandy Parker Broomall, PA 19008-3808	
1860	Patricia Gower Downington, PA 19335-3578	
1861	Suzanne Bell Downingtown, PA 19335-6001	
1862	Sandy Harvey Downingtown, PA 19335-4152	
1863	Karen Dwyer Downingtown, PA 19335-1800	
1864	Connie Nesbitt West Chester, PA 19382-4832	
1865	Emily Scott Downingtown, PA 19335-2502	
1866	Shannon Miller Glenmoore, PA 19343-1715	
1867	Hubert Adcox Downingtown, PA 19335-3427	
1868	Christine Maloney Glenmoore, PA 19343-9549	
1869	Kimberly Esposito Exton, PA 19341-2411	
1870	Abigail Bell West Chester, PA 19382-6103	
1871	Bonnie Zeolla West Chester, PA 19382-5257	
1872	Melissa Nash Downingtown, PA 19335-4541	

1873	Allison Lunn Paoli, PA 19301-1316	
1874	Stephanie Langston Malvern, PA 19355-2114	
1875	Alexander Waegel Glenmoore, PA 19343-2649	
1876	Jayme Gittings Downingtown, PA 19335-1874	
1877	Paige Oustrich Phoenixville, PA 19460-2863	
1878	Jenny Lisak Punxsutawney, PA 15767-4354	
1879	Kathleen Ely West Chester, PA 19382-6301	
1880	Gregory McCann Madison, AL 35758-6624	
1881	Rob Hull Glen Mills, PA 19342-9426	
1882	Gail Kussay West Chester, PA 19382-8123	
1883	Sarah Theis Malvern, PA 19355-2528	
1884	Alexey Kozik Downingtown, PA 19335-3378	
1885	Ross Ferdman Downingtown, PA 19335-1811	
1886	Jennifer Grisin West Chester, PA 19382-7848	
1887	Florence Buckley Philadelphia, PA 19144-4501	
1888	Elaine Hughes-Dobles Philadelphia, PA 19244-0001	
1889	Emily Gable Pottstown, PA 19465-8908	
1890	Tom Hermans Malvern, PA 19355-2428	
1891	Nita Bagga Malvern, PA 19355-2234	
1892	Mona Scarbrough Albemarle, NC 28001-4233	
1893	Jeanne Moylan West Chester, PA 19380-5800	
1894	Catherine Valyo Malvern, PA 19355-2234	



1895	Sara Paul Downingtown, PA 19335-1470	
1896	Susan Rosso Malvern, PA 19355-3319	
1897	William Height Glenmoore, PA 19343-1625	
1898	Deborah Maxwell Pottstown, PA 19464-1819	
1899	Barbara Kontur Exton, PA 19341-3127	
1900	Lauren Mullray Exton, PA 19341-2338	
1901	Rosalynn Andre West Chester, PA 19380-6104	
1902	Raymond Kendall Downingtown, PA 19335-1260	
1903	Valerie Connors Downingtown, PA 19335-1446	
1904	Kate Carpenter Exton, PA 19341-1784	
1905	Mary Nettle Downingtown, PA 19335-2515	
1906	Sarah Culbert Phoenixville, PA 19460-4624	
1907	Linda Donath Downingtown, PA 19335-4991	
1908	Jennifer Lee Coatesville, PA 19320-3960	
1909	Laura Gray West Chester, PA 19380-6104	
1910	Pierina Kiessler Exton, PA 19341-1714	
1911	Nancy Wilson Paoli, PA 19301-1206	

## COMMENTS AND RESPONSES

### 1. Comment

The Mariner East pipeline network provides affordable energy to Pennsylvanians while employing local labor unions --- two major economic success stories for our Commonwealth. The success of this project is vital to Pennsylvania's economy and its residents. Energy infrastructure along with the abundance of natural resources in the shale region have already had a significant impact on the state. However, approval of modifications to DEP's permits for this project will allow construction on the pipeline to finally finish in the most environmentally safe manner based on real-time realities.

Pennsylvania's shale region contains a vast amount of energy resources that the state has been using to supply almost half of its residents with energy. Homegrown energy resources that use pipeline transportation allow for cheaper energy costs, while also employing local workers. Pipeline transportation is also four times safer than transportation by truck or rail. Continued investment in Pennsylvania's energy industry is what made the state one of the industry's top producers and will continue to help the state's economy grow.

As someone whose members are employed by aspects of this project, I can attest to the developer's dedication to not only hiring locally and but to its attention to regulatory measures. Mariner East has gone above and beyond to ensure construction and functionality of the pipeline are safe and up to code. The project has jumped through many regulatory hoops and has been approved by the courts at every juncture.

However, to take that commitment to the next level and get the project completed, approval of the modifications to the construction method is necessary. This approval will allow the project to ensure environmental impact from pipeline construction is as minimal as possible. Natural gas is already the cleanest fossil fuel available, but these modifications are crucial due to new realities in the field. I urge you to approve them and enable the continued success of Pennsylvania's energy infrastructure. (1)  
Letter – [International Brotherhood of Boilermakers, Local 13](#)

### Response

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### 2. Comment

We write the Department of Environmental Protection on behalf of Boilermakers Local 154 to voice our support for the Mariner East pipeline. This project is an important employment opportunity for skilled laborers across Pennsylvania.

Our chapter, located in Pittsburgh, serves Western Pennsylvania and parts of Ohio and West Virginia. At Local 154, we are dedicated to our trade of providing high-quality

work to our communities. Our Boilermakers receive comprehensive training through our extensive in-field apprenticeship program to prepare them for anything they may face on the job. We strive to honor the Pittsburgh legacy of hard work and dedication to our craft as we bring high professional standards and a meticulous approach to our work sites.

The energy sector has proven an invaluable source of employment for Local 154 and skilled laborers throughout the state. Investments in the energy sector have consistently benefited local communities as skilled workers receive well-paying jobs and local economies enjoy a boost from increased revenue. Recently, 330 of our Boilermakers worked on the Ethane Cracker in Beaver County. In total, the project generated 6,000 jobs and uplifted a region that had not seen any substantial investments in over 30 years.

We appreciate that the pipeline developer is committed to improving communities and has altered construction on the Mariner East pipeline to an open cut method to help ensure environmental protection. We firmly believe in the importance of employing the strongest safety protocols, and this updated pipeline framework will surely better protect the communities along the pipeline route.

Although this specific project is in southeastern Pennsylvania, its completion is important for our entire state. We urge DEP to allow for the completion of the Mariner East pipeline. Supporting our communities is a responsibility and a privilege that we take seriously. The Mariner East pipeline is an opportunity for our members to serve our neighbors and state residents through providing safe and reliable energy. Thank you for your time and consideration. (2-3)

Letter – [Boilermakers, Local 154](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **3. Comment**

The Mon Valley Alliance supports the Mariner East pipeline and is strongly encouraging the Department of Environmental Protection to allow the pipeline developer to modify its construction method to complete its field work. MVA is devoted to the improvement of western Pennsylvania and we believe the pipeline, which helps us get gas harvested here to markets in eastern Pennsylvania and beyond, is an invaluable commercial asset.

The Mon Valley Alliance is dedicated to ensuring the longevity of our communities through maintained economic revitalization, sustainability, and philanthropic action. The legacy of the Monongahela Valley as a cradle for industry and entrepreneurship inspires our work to uplift our communities through aiding local businesses and supporting charities.

Because of our commitment to western Pennsylvania, MVA supports the Mariner East project and the revenue the pipeline would produce. We have seen firsthand how natural gas has revitalized our region and we hope to maintain this promising economic growth.

Locally, the potential of the cracker plant in Beaver County spurred massive employment opportunities and significantly boosted regional economies and will continue to do so as it prepares to come online. Likewise, the Mariner East project promises an impact of more than \$9 billion statewide, contributing to the already tens of billions of dollars that the energy industry has generated for Pennsylvania.

The pipeline runs through our region on its west-to-east path across the state, making it so important for this final piece in southeastern Pennsylvania to finally finish it. Energy Transfer has proposed an open cut method for laying pipeline to protect local communities from inadvertent returns that may occur during alternative drilling methods.

Our region's industrial history is a source of pride. Unfortunately, we recently saw the negative impacts of overregulation through the cancellation of more than \$1 billion in investments at Mon Valley Works. Let's not make the same mistake here. We hope DEP will avoid further delay and approve the Chapter 102 and 105 permits to get this project completed without further delay.

MVA encourages DEP to consider the vast economic opportunities that the Mariner East pipeline promises for Pennsylvania. We understand concerns and are confident in Energy Transfer's current strategy. Thank you for your time and consideration on this matter. (4)

Letter – [Mon Valley Alliance](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **4. Comment**

While many states have been faced with economic challenges over the past decade and a half, thanks to the development of the Marcellus and Utica shale formations, Pennsylvania has been given an economic lifeline that others could only dream of. Energy production is nothing new to Pennsylvania. We are home to the first ever oil strike at Titusville in western Pennsylvania, and many Pennsylvania families worked in some capacity in the coal industry at one time or another. Thanks to these industries, Pennsylvania has been a manufacturing powerhouse for more than a century. Those days had been waning in recent decades, but a resurgence is possible thanks to increased energy production.

Energy development in Pennsylvania is only as good as the infrastructure developed to safely deliver those products to consumers. Pipelines are the safest means to transport

energy products, according to the U.S. Department of Transportation's (USDOT) Pipeline Hazardous Materials Safety Administration (PHMSA). At this moment, Pennsylvania's pipeline infrastructure cannot adequately support the demand or potential supply, which is problematic for industries that rely on these products, consumers that need them to heat their homes, and especially for Pennsylvania residents in communities that could be negatively impacted through the use of less safe transportation means like railroads and trucks.

According to PHMSA, 750 tanker trucks or 75 2,000-barrel rail cars would be needed daily to fulfill the transport capacity of a "modest pipeline." That is a lot more traffic on our roadways; and both options are less safe than pipelines. Opponents of pipeline infrastructure appear to believe that if they stop pipeline development, they will stop energy development. All they are really advocating for is increased rail and truck traffic through our communities and an increase in the likelihood of potential harm to the environment, local communities, and individuals.

Mariner East is critical to support Pennsylvania's natural gas liquids industry by transporting propane, ethane, and butane from western Pennsylvania to the Marcus Hook Industrial Complex in Delaware County. About half of all Pennsylvanians depend on natural gas for home heat, and many depend on propane specifically. Propane dealers appreciate the local source of propane for customers available at Marcus Hook. More than 1 million Pennsylvania residents have already benefitted from the ethane supply that Mariner East is providing to the CPV Fairview electric facility in Cambria County. This is just the beginning.

As the Department of Environmental Protection stated previously: "the permits (for Mariner East) are among the most stringent the DEP has ever issued." DEP has also executed strict oversight of the project since those permits were approved and construction began.

Infrastructure development is never pretty, and Mariner East is no different. Realities gleaned from on-site work have determined that express approval of these modifications is needed to alter some construction techniques to ensure the safe installation of the pipeline. A shift from horizontal directional drilling to an open cut trench installation is necessary for the safety of the environment and will ensure swift construction to minimize the impact on local landowners during construction. These methods are among the industry's best practices and should undoubtedly be approved in a timely fashion.

Mariner East is being built with American-made, union-produced steel and is being installed with the best trained, highly skilled union workers from Pennsylvania. These are people who live and are raising their families in the communities where Mariner East will operate. They are committed to getting the job done in the safest manner possible.

The Pennsylvania Energy Infrastructure Alliance is a coalition of local labor, economic development, conservation, and agricultural groups and individuals, committed to pipeline infrastructure development in the commonwealth. Our members understand the

economic benefits this industry can provide every Pennsylvanian while also ensuring that our domestically produced energy resources are delivered to the end-consumer without incident, keeping our communities safe.

For these reasons, we ask the Pennsylvania Department of Environmental Protection to approve the Chapter 102 and 105 permit modifications for Mariner East. Your timely approval will ensure increased environmental safety of this project. Thank you. (5) Letter – [Pennsylvania Energy Infrastructure Alliance](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **5. Comment**

On behalf of the Washington County Chamber of Commerce, I am writing to express our support for the proposed modifications to Pennsylvania Department of Environmental Protection (DEP) Sections 102 and 105 as they pertain to the Mariner East pipeline construction permits.

Our support stresses that the developer, Energy Transfer, must be able to make modifications to the project as needed based on construction realities they experience in the field. Energy infrastructure development is heavily dependent on the environment around it and to preserve all facets of environmental safety, pipeline developers should be granted modifications that ensure this safety, minimize community disruption, and allow safe completion—all of which are the basis for these proposed modifications before the DEP.

In addition, Mariner East is an important economic driver for our state. This project has already employed tens of thousands of skilled laborers and other workers in the Commonwealth. These jobs produce family-sustaining wages that are important to individual households, provide economic growth in communities, and benefit our local, regional, and state economies. Natural gas and oil contribute billions of dollars annually to the state and Mariner East will help drive this growth for decades.

Finally, Mariner East is necessary to ensure that natural gas developers and producers can provide these energy resources to consumers in a safe and efficient manner in the Greater Pittsburgh region. As you are aware, this section is the last link of the west-to-east network to be completed and households and businesses will continue to see savings in their monthly energy bills. Others in the northeastern United States could benefit as well as Mariner East has led to the repurposing of the Marcus Hook Industrial Complex, which serves as a critical processing, storage, and transport hub for natural gas developed in our state.

Mariner East is critical to the state's economic viability, but construction must be done in a manner that is the most environmentally sensitive, which the proposed modifications to the pipelines permit will accomplish. We strongly encourage the DEP approve these permit modifications without delay. (6)

Letter – [Washington County Chamber of Commerce](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **6. Comment**

Completion of the Mariner East pipeline project in southeastern Pennsylvania is critical for our continued economic revitalization in southwestern Pennsylvania, which is why we support the construction modifications proposed by Energy Transfer in Chester County. This pipeline literally and figuratively links our commonwealth.

At the Pittsburgh Airport Area Chamber of Commerce, our mission is to maximize economic vitality through advocacy, education, and networking. As part of that work, we believe it is vitally important to speak out in support of opportunities that will have great benefits for our shared economies. So far, construction of the pipeline has created nearly 10,000 jobs in Pennsylvania. It has been a steady source of employment for skilled laborers across the state --- and they have been able to work where they live. If projects like this are not allowed to proceed, these workers will be forced to find employment away from home, missing tee-ball games and ballet recitals. In many cases, especially in western Pennsylvania, these residents are second- or third-generation workers skilled in their trades. They deserve the opportunity to work jobs where their families have been living for generations.

Pennsylvania is now the second largest natural gas producer in the country. We cannot take full advantage of this ranking without the ability to transport these resources safely and efficiently to end-users, and pipelines by far are the safest mode to do this. Energy Transfer's modified plan is the best approach to finish this work in a way that safe for the environment, safe for its workers, and better for the community. We urge your support.

(7)

Letter – [Pittsburgh Airport Area Chamber of Commerce](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

## **7. Comment**

On behalf of the International Brotherhood of Electrical Workers Local 143, I am writing to voice our strong support for the Mariner East pipeline project. This pipeline is a significant net benefit to skilled laborers and our communities in Pennsylvania.

The full construction of the Mariner East pipeline is projected to have a \$9.1 billion economic impact on Pennsylvania communities. Already, the project has already created thousands of jobs, many of which are directly tied to the good work of skilled laborers across Pennsylvania. Our union represents 2,000 electrical construction, maintenance, and telecommunications workers in the Harrisburg area. The pipeline runs through the region, and its ultimate completion is important not just to us but to all of Pennsylvania.

Our members are volunteers and member of local organizations. They make up an integral part of their communities, and large-scale projects like this pipeline allow them to support their families and remain here in the Harrisburg area.

Mariner East is a crucial piece of infrastructure for our energy industry, which itself has a \$45 billion economic footprint. This pipeline will provide reliable and affordable energy resources to Pennsylvania, directly supporting government services and giving a leg up to local business that operate in a variety of industries. The pipeline has already been a reliable source of jobs; ensuring its completion will allow this progress to continue. Allowing Pennsylvania to capitalize on our homegrown, domestic and vast natural resources is the most sensible thing for our commonwealth leaders to do.

Finishing this pipeline project won't just benefit our union members, it will benefit all of Pennsylvania. The affordable energy increased economic activity, and secure jobs for local workers make this a win- win situation. The proposed construction modifications ensure this project is safe and environmentally friendly to the local community, which is why we urge your support. Thank you. (8)

Letter – [International Brotherhood of Electrical Workers, Local 143](#)

## **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

## **8. Comment**

Below are my comments regarding the restart of the Sunoco Mariner East 2 pipeline in Upper Uwchlan Township, Chester County.

The companies involved have clearly demonstrated incompetence and disregard for public safety and the environment. The company is an oil field type company who just bully their way through everything that stands in their path to profits. They have no social license to operate in densely populated areas of Chester County. The company has a very poor ESG record and have even worse operational performance.



They bring bad industrial behaviour and area a real threat to the environs of Chester County. At this point the company will say anything to get their pipeline producing cash flow for the shareholders. What about the public that are affected by their actions? They have no inhouse environmental scientists and we are to believe their word at this point.

Are we not stakeholders in this as well? From what I have witnessed, if this company was operating in a developing country, they would have been held to higher ethics and operational standards. We in Chester County, by way of our Governor and DEP, have been side-lined in the whole process. Now they have The Mariner 2 X near completion is no reason to continue with the Mariner 2 East.

I believe the DEP, Senator Commita and Chester County Commissioners would be obliged to ask the following questions to the company.

1. Where is the public benefit here? This is project was deceitful in its origin. The application through the FERC was intended as a public benefit not company shareholder benefit. The law is old, and the use of loopholes is only to be expected by this calibre of company. How is Chester County going to benefit? Discounted propane? Discounted gas? The trickle-down benefits are pie in the sky and far-removed from the people in the pipeline path. The allure of jobs is misleading as they bring in their own transient workforce and only use union labour on a casual basis. Hence no real job growth.
2. What is the emergency preparation and evacuation plan? Has anyone seen the mass casualty models the company has estimated? Is there even a chance for an evacuation? Has anyone seen the disaster simulations and acceptable fatality scenarios? I know you will be shocked to see what Energy Transfer has to say about this.
3. How did they get permission to route a dangerous and hazardous pipeline through a densely populated and environmentally sensitive area? Does the company have the financial capability to survive a major failure of the pipeline?
4. Can you trust this company to safeguard the infrastructure they own? Can you imagine if they are compromised by hackers or Ransome ware? The pipeline can be turned int a weapon of mass destruction. A good question would be, what do they have in place to prevent this and what if any simulations have indicated any vulnerabilities.
5. How does this pipeline affect climate change and how does it affect local/regional/ national climate policy?

I urge the DEP, Senator Commita and the Chester County Commissioners to act in the interest of the public and environs of the county and not approve any further work on the pipeline. I recommend the company go back to the drawing board and not route the infrastructure through densely populated and/or environmentally sensitive areas of the county. Do not give in a fait accompli argument from the company and not consider the infrastructure to be safe for the people and environment of Chester County. Ask

yourselves, is this the type of corporate citizen we want operating in the county? Even better yet let the people of Chester County decide. (9)

Letter – [Daniel T. Brost](#)

### **Response**

Thank you for your comments and for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application. The Department is satisfied that an in-depth analysis of the alternatives has been completed.

The Pennsylvania Public Utility Commission (PA PUC) has determined that the project will have a public benefit. PHMSA is responsible for the siting and location of the pipeline; the Department reviews and evaluates activity associated with pipeline installation in permit applications to ensure that streams, wetlands, and other regulated water resources will not be impacted by activities the Department regulates, such as erosion and sediment control, water obstructions and encroachments, and discharges to waterways. Regarding the possibility of an incident occurring once the pipeline is operational there are several agencies responsible for monitoring and managing active pipelines. The PA PUC regulates safety standards for pipeline facilities and utilities engaged in the transportation of natural gas and other gas by pipeline. For this pipeline, the PA PUC is authorized to enforce federal safety standards as an agent for the U.S. Department of Transportation's Office of Pipeline Safety and the Pipeline and Hazardous Materials Safety Administration (PHMSA). In general, PHMSA's Office of Pipeline Safety or the PUC monitors operator compliance through field inspections of pipeline facilities and construction projects; inspections of operator management systems, procedures, and processes; and incident investigations. Any identified non-compliances and unsafe conditions are addressed through a variety of means. (see Title 49, Part 190, Subpart B "Enforcement" in the Code of Federal Regulations).

As to the comment on climate change, the Department acknowledges the commentator's comment regarding the proposed permit modifications. DEP's jurisdiction over this project relates to administration of the environmental laws with which the project must comply. The Chapter 102 and 105 applications for permit modifications which are the subject of this comment period are required to protect water resources. The Department has undertaken a thorough evaluation of Sunoco's applications for the permit modifications to ensure that the modifications comply with legal authorities and are consistent with the Commonwealth's climate change goals and policies. The permit application materials outline the necessity and public benefit of the project in the project description as required under the regulations. The Department has concluded that the applications satisfy the regulatory requirements. The Department has included special conditions in the permit modifications to ensure Pennsylvania's water resources are adequately protected.

### **9. Comment**

My name is Tom Melisko and I am the business manager for the International Union of Operating Engineers (IUOE) Local 66, which represents nearly 8,000 men and women

across 33 counties in Pennsylvania who work in construction, pipelines, and the heavy equipment service industries. I am writing to DEP to express my support for the recent application for a major modification to the construction method used in Chester County for the Mariner East pipeline.

Pennsylvania's energy industry has grown to support real jobs and significant investments --- and Mariner East is a big part of that. Energy Transfer's pipeline network continues to be a strong catalyst for our state's energy infrastructure buildout. The Mariner East pipeline alone has provided thousands of jobs for skilled Operating Engineers, millions in tax revenue, and has brought about real energy savings for Pennsylvania consumers.

At IUOE, we pride ourselves on having some of the best expertise for major project needs, which is why the developers of Mariner East came to rely on us for work all along the 300-plus-mile pipeline. We need this cross-state pipeline to ensure every region in our commonwealth continues to benefit from our vast energy resources.

For IUOE, these essential infrastructure projects keep our members working in the state and allow them to be close to their families while earning wages that will help them invest in their futures and their communities. Despite falling rates of union membership nationally, Pennsylvania's rate of union membership has grown, thanks to projects like this one.

To continue to develop our energy industry, we must continue to utilize construction methods that are environmentally beneficial while also providing opportunities to expand our economy. Energy Transfer's commitment to finish this pipeline utilizing a trench cut method as opposed to horizontal directional drilling is a testament to their effort to complete the project with as little environmental impact and community disruption as possible.

Pipelines are the safest means to transport natural gas and energy across the state. Doing so lowers the risks of accidents, like oil spills and other hazards that would harm our environment from shipment by railways or highways.

I strongly encourage the approval of Energy Transfer's plans to finish constructing this part of the Mariner East pipeline. As a manager for thousands of skilled workers in this industry, I implore you to keep us in mind as our members rely on those jobs and they will continue to benefit Pennsylvania's growing energy industry. (10)

Letter – [International Union of Operating Engineers, Local 66](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

## 10. Comment

My name is Ken Broadbent, and I am writing to the DEP on behalf of the Steamfitters Local Union 449 to convey our support for the Mariner East pipeline project and outline the importance that this opportunity provides for our members and the state of Pennsylvania.

Local 449 members are hard-working, skilled laborers based in Southwestern Pennsylvania. We are proud of our communities and committed to our neighbors. We apply our expertise in gas pipeline distribution to provide high-quality, reliable, and safe results. Local 449 also conducts an apprenticeship program that offers promising technicians a comprehensive educational field training. Our work supports families and careers as we provide fundamental necessities to Pennsylvania homes.

COVID-19 has affected the amount of steady work available to our contractors, and the Mariner East Pipeline would ensure well-paid jobs for Local 449. I and several other business managers in the Philadelphia Building Trades met with Governor Wolf in March 2020 to convey the financial importance of our work to our contractors as well as the service we provide to the communities in which we work. After our conversations he classified our project sites as "essential" to guarantee they remained open. Since then, the pandemic has slowed our projects while health and safety concerns have kept some members from returning to open work sites. Considering the issues Steamfitters Local 449 has faced, the Mariner East pipeline is a valuable opportunity for our contractors to earn the good pay that they deserve while keeping jobs within the state.

Construction on the pipeline at the location under review is set to resume once allowed to employ an open cut construction method. This will ensure a safer process for the communities near the project site and reduce environmental risks. If construction does not resume, and the project remains stuck behind red tape, our members must look elsewhere for work. This would mean leaving their homes and families to travel to active worksites, likely outside of the state. Not only does this strain their families, but the state suffers economically from lost tax revenue. Our contractors want to stay local and so we should ensure they have the opportunities to do so.

A streamlined regulatory process for projects like this is absolutely necessary to ensure regulatory compliance while minimizing delays. This project has experienced massive delays since construction began, which is unfortunate. There are just a few locations where construction is still active, and I urge you to perform a timely review and approval of this proposal.

I urge the DEP to approve construction permitting on the Mariner East Pipeline for the financial stability of hard-working Pennsylvanians, for the continued growth and development of our communities, and for the economic wellbeing of the state. Thank you for your time and consideration in this important matter. (11)

Letter - [Steamfitters, Local Union 449](#)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**11. Comment**

On behalf of Washington County, I am writing to the Pennsylvania Department of Environmental Protection (DEP) to advocate for the Mariner East pipeline and emphasize the environmental and economic benefits that the pipeline provides our county.

As Commissioner of Washington County, I am committed to protecting our local environment, promoting job growth, and keeping taxes reasonable for our residents. The energy sector has created jobs and boosted the economy throughout Western Pennsylvania and across the state. Washington County has profited from oil and natural gas drilling, but without an efficient means to get these resources to market, the positive benefits this industry provides Pennsylvania will never be attained. The Mariner East pipeline is the means to connect us with markets.

Protecting our community is of the utmost importance, which is why pipelines are the preferred means of transporting these products. As trucks and trains are more prone to dangerous accidents, underground pipelines are a safe, viable, and efficient option for energy transportation.

With construction nearing an end, Mariner East has applied for a modification to their construction method at one location - a switch to an open cut trench. This is intended to be a better alternative for local communities and the environment, and it is my hope that the DEP will approve this modification without further delay. The Mariner East project has already generated jobs and revenue, and only promises more positive benefits once completed. Over the past decade, the oil and gas industry has produced tens of billions of dollars, and thousands of jobs for Pennsylvanians. In Western Pennsylvania, the ethane cracker plant has spurred the Beaver County economy through job creation, taxes, and localized revenue creation. These examples are emblematic of energy production's widespread benefit in Pennsylvania.

I encourage the DEP to take into account Energy Transfer's environmental commitment and the economic impact the oil and gas industry has had on Pennsylvania as you consider the Mariner East pipeline. Washington County, and the State of Pennsylvania, have benefited from oil and gas, and continued investment in the industry promises to be similarly lucrative. Thank you for your consideration on this important matter for my constituents and citizens across the state. (12)

Letter – [Larry Maggi, Washington County Commissioner](#)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township,

Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

## **12. Comment**

The Mariner East pipeline passes through our region and many of our local service industries have had a hand in its development. Because of this, at the Cambria Region Chamber, our members know firsthand the kind of economic potential this project holds, which is why our organization supports the permit modifications to ensure the “missing link” of this pipeline is finally finished and the project it put to work for all of Pennsylvania.

Pipelines by far are the safest means to transport our state’s vast energy resources so they can reach markets far and wide and help to power our economy. With our energy sector growing, Pennsylvania is in need of expanded pipeline infrastructure, and has been for years. Mariner East is critical in helping us fulfill this need. Over the years, the energy sector has undertaken several major infrastructure projects, and they have provided opportunities for the state’s skilled workers, fostered investment in local businesses, and generated new tax revenue to fund local and state initiatives.

With Mariner East, Energy Transfer has committed to alter their construction method in order to protect the environment and minimize disruptions to the local community during construction. The amount of time and resources invested in the analysis for these alterations reflect their commitment to doing the job right. The proposed alterations limit the possibility of inadvertent returns and ensure a more definitive timetable for completion. For these reasons, the Cambria Regional Chamber urges DEP to approve the modifications to allow work to advance so this project can finish. Thank you. (13)  
Letter – [Amy Bradley. Cambria Regional Chamber](#)

## **Response**

The Department acknowledges the commentator’s comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

## **13. Comment**

The Mariner East 1 pipeline ships natural gas liquids 350 miles from Marcellus shale deposits in western Pennsylvania, Ohio and West Virginia to the former Sunoco Refinery in Marcus Hook. It is one of the state’s largest infrastructure projects, linking our commonwealth and uniting us all with shared economic opportunity. My company relies on the safe, efficient, affordable transit of these clean, domestic energy resources, which is why I support the proposed permit modifications for a small section of the line in Chester County.

The Mariner East pipeline network is a multi-billion-dollar project that strengthens both the region’s vital energy transportation infrastructure and our broader economy. But activists have been dogged in opposition to Mariner East 2 throughout its lengthy

permitting process --- an endeavor that took tens of thousands of man hours of regulatory review, public hearings, and more. And while opposition to Mariner East should come as no surprise --- energy infrastructure of all stripes has fallen victim to instant opposition regardless of merit in recent years --- the predictability of the opposition doesn't make it right.

As a business owner here in Pennsylvania, I make decisions and form opinions based on facts rather than ideology. I owe that much to my employees and to the community I call home. And the facts, as I see them, show this modification to be the right move for the environment, for the workers, and for the nearby community.

The company has submitted to DEP a "major modification" for its permitted work at this site to alter the construction method from horizontal directional drilling to an open cut in the area, with alterations to the pipeline route. Horizontal directional drilling is a steerable, trenchless method of installing underground pipe. Open trench installation is an excavation where the pipeline is lowered into the trench and covered. The open trench method eliminates the potential for an inadvertent return and the modification is being pursued based on geological realities in the field.

Mariner East and the revitalization of the Marcus Hook Industrial Complex is huge for my business as a transport operator for a variety of fuels such as propane to local residents in southeastern Pennsylvania. Some have tried to act like Mariner East provides zero local benefit, which couldn't be further from the truth. My employees visit Marcus Hook daily to fill up with products shipped by Mariner East and deliver those fuels to local residential customers. This portion of pipeline in Chester County really is the final piece to get this network fully operational so our entire commonwealth can realize the full potential of the project.

At the end of the day, every single one of us depends upon reliable energy resources every day. And while renewables are no doubt the wave of the future, resources like natural gas are essential in today's economy. As one of the nation's leading producers of natural gas, Pennsylvania has a vested interest in ensuring that the infrastructure used to safely, reliably and efficiently transport resources to market are as strong as possible. Pipelines like Mariner East are, without dispute, the best option available --- and this proposed modification is the right way to finally finish the job.

I urge DEP to approve the Chapter 102 Permit No. ESG0100015001 and Chapter 105 Permit No. E15-862 modifications. Thank you. (14)  
Letter – [Thom Ferro, Ferro Fuel Oil Inc.](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

#### **14. Comment**

The Chester County Water Resources Authority (the Authority) received the above referenced Notice from the Chester County Planning Commission on May 11, 2021. Sunoco Pipeline LP proposes to change the pipeline route and installation method for the 20-inch diameter pipeline, previously permitted as S3-0290 Horizontal Directional Drill (HDD). The amendment involves the conversion of the entire HDD installation to an open cut construction method across wetland H17 and dry open cut construction methods across streams S-H10 and S-H11 and their associated floodways. The modification letter notes that the typical limit of disturbance (LOD) has been reduced to 50 feet across the entire 200-foot length of the S-H10/S-H11/WL-H17 stream and wetland complex. The letter also notes that impacts to the palustrine forested (PFO) portion of WL-H17 have been avoided through siting of the construction workspace. The additional limit of disturbance is 5.42 acres.

Upon reviewing the above referenced Notice, the Authority respectfully submits the following comments for consideration.

1. The Authority strongly supports all comments submitted in the Chester County Planning Commission's letter dated June 2021.

#### **Response**

The Department acknowledges the commentator's comment. The referenced comments submitted in the Chester County Planning Commission's letter dated June 2021, were directed to the applicant, not to the DEP, and were in response to Act 67 & 68 Notices made to the County.

#### Protecting Residents

2. The proposed pipeline route will result in open trench installation close to existing residences on Highview Road, Little Conestoga Road, and Milford Road. Chester County Health Department records indicate that these residences are serviced by on-lot septic systems. Please identify, locate, and determine the dimensions of all infrastructure associated with septic systems, including storage tanks and drain fields, located within 50 feet of the proposed pipeline corridor. Any disturbance of these features should be mitigated to ensure equal functioning post- construction.

#### **Response**

This information was provided in the August 27, 2021 response to the Department's Ch 105 Major Amendment Technical Deficiency Comments dated August 6, 2021, which included an evaluation of all infrastructure associated with septic systems within and around each of the evaluated alternatives.

3. The proposed modified pipeline route will be located within Aqua Pennsylvania's water service area. Design sheets included in the modification request do not show the location of any subsurface water lines. Prior to construction, the contractor should coordinate all excavation activities with Aqua Pennsylvania to



identify the location, depth, and dimensions of all lines within 50 feet of the proposed pipeline corridor. The contractor should also identify any nearby public water supply wells and coordinate with the operating water supplier to ensure they will not be impacted.

### **Response**

Information provided in the August 27, 2021 response to the Department's Ch 105 Major Amendment Technical Deficiency Comments dated August 6, 2021, included an evaluation of all infrastructure associated with water supplies within and around each of the evaluated alternatives. A single public water supply was identified within 1,000 ft of Option 5. The Underground Utility Line Protection Law, AKA, the PA One Call Law, requires the identification of underground utilities through the Act in order to protect the public health and safety by preventing excavation or demolition work from damaging underground lines used in providing electricity, communication, gas, propane, oil delivery, oil product delivery, sewage, water or other service.

### Protecting Streams

4. The proposed modification will result in an open trench and additional soil disturbance within in the riparian area of two unnamed tributaries (stream S-H10 and S-H11). We acknowledge the erosion and sediment reduction measures described in the Erosion and Sediment (E&S) Control Plans; however, the installation of open trenches within the stream channel and adjacent floodway increases the risk of unintended sediment delivery to streams, particularly before the re-establishment of vegetation post-construction. Runoff from this project will flow into Marsh Creek Lake, which is a public water supply reservoir and a popular recreational destination. Additionally, these streams both flow into an unnamed tributary to Marsh Creek that has been designated a High Quality-Trout Stocking stream. Heightened vigilance in monitoring E&S control measures is necessary to protect the receiving streams and water bodies from increased sediment deposition. Please inspect E&S measures (e.g. compost filter socks, waterbars, trench plugs, and erosion control blankets) daily to ensure that they are functioning as intended.

### **Response**

Thank you for your comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does result in some minor temporary impacts to waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. As noted, while the preferred open trench alternative will result in a temporary impact to Streams S-10 and S-11 and Wetland WL-H17, those resources were previously impacted by IRs and the planned full restoration has yet to be completed. The proposed plan provides clearly defined limits and provides for their total restoration.

Other locations where trenchless methods have been revised to construction with the open trench method were completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

5. Please demarcate the planned limit of disturbance along the entire 200 foot length of the S- H10/S-H11/WL-H17 stream and wetland complex with orange construction fencing to minimize unintended intrusion by construction equipment into woodlands, wetlands, or other sensitive areas.

**Response**

These issues have been addressed in the final submission. Erosion and Sediment Control Plan sheet ES-6.29 for the stream and wetland complex crossing, includes orange construction fencing along the limit of disturbance.

6. An open trench will be constructed across streams S-H10 and S-H11. To limit long-term impacts to this stream, please ensure that the natural features of the channel, including depth, bankfull width, streambank slope and height, and channel gradient, are restored back to their original conditions. Grade and channel stabilization structures should be incorporated to limit streambed erosion and lateral channel migration and to prevent the formation of a head cut that could affect the stability of the berm of Pond H2.

**Response**

This has been addressed in the requirements of the 105 Permit. The natural features of the channel will be restored back to their original conditions and will be documented by the Environmental Inspector through the permit required pre- and post-construction photographs of the resources. These resources will be monitored for 5 years post construction to ensure successful restoration is achieved and maintained.

7. Plan design drawings indicate that water from streams S-H10 and S-H11 will be pumped around the stream crossing during construction and will be directed back into the stream channel at the downstream end of the limits of disturbance.
  - a. Please ensure that the outlet is placed in a location within the channel with moderately- sized cobble substrate to minimize the erosive impacts of concentrated discharge to the stream channel.
  - b. Regular inspections of the outlet location should be made to monitor for erosion or discharge of excessive sediment.

**Response**

The approved plans detail the placement of energy dissipation controls at the discharge consistent with the approved dam and pump around detail located on drawing ES-0.11. Regular inspections are required during discharge events to monitor for erosion or discharge of excessive sediment.

8. The proposed modifications will result in excavation and soil disturbance through and directly upslope of Wetland-H17). To avoid impacting the hydrology of this wetlands, please restore all surface topography to its original contours to reduce changes to overland flow patterns. Care should be taken to minimize ground disturbance and compaction in areas adjacent to wetlands and other water bodies to retain natural flow paths and infiltration rates.

**Response**

The Chapter 105 Permit requires the restoration of all surface topography to existing conditions. The limit of disturbance through the resource area has been reduced and timber mats will be utilized to minimize compaction of soils.

9. All areas of disturbance should be re-vegetated with native species that are suited for site- specific conditions shortly after ground disturbance activities are completed.

**Response**

Site restoration utilizing native species to re-vegetate is consistent with the approved E&S plans and is a requirement of the permits.

10. Authority staff are willing to meet with the applicant and/or the Department of Environmental Protection to further discuss these recommendations.

**Response**

Thank you.

The Authority appreciates the opportunity to provide comments on the permit modification. If you have any questions, please feel free to contact me at 610-344-5581.

(15)

Letter - [Chester County Water Resources Authority](#)

**Response**

Thank you for your comments. Specific responses to your comments are provided above.

**15. Comment**

Please find attached to this email my letter of support for the Mariner East pipeline, specifically the Chapter 102 Permit No. ESG0100015001 and Chapter 105 Permit No. E15-862. I sincerely hope that this letter of support will confirm to the Department just how important a project like this is to the people who are charged with local government in our Commonwealth.

A little more than five years ago, I was elected Sewickley Township Supervisor and have worked each day with the goals of, “Revitalize, Invigorate and Renew” as my mantra. I stand here today pressing towards those same promising pillars. It is for this reason that I implore the DEP to accept the revised construction plans of the Mariner East Pipeline proposed by Energy Transfer.

As an engaged, serving member in Municipal Government in Westmoreland County and, for that matter, the commonwealth of Pennsylvania, who seeks to promote economic development and prosperity persistently, I wholeheartedly endorse the Mariner East pipeline. It is with full confidence that I can say that Mariner East is an immense asset to our county and state. Coming out of a COVID-stricken valley, pipelines like the Mariner East serve as beacons that are pushing to revitalize, invigorate, and renew our economy.

As the facts support, both the economic and environmental benefit this pipeline brings to the table is undeniable. In construction alone, the pipeline has produced approximately \$9.1 billion into our economy; you can only imagine the exponential growth this number will sustain once the pipeline is completed. Moreover, through reputable studies, we know that transport by truck and train is far more susceptible to accidents and crises than energy transport through pipelines. The Mariner East Pipeline is the economic, environmentally conscious, affordable, reliable energy conduit that Pennsylvania needs now more than ever.

Pennsylvania is currently the second largest natural gas producer in the country, but our pipeline infrastructure network must be improved to help support this industry. My constituents and our neighbors see firsthand the benefits this industry is providing the commonwealth, but the economic benefits can only be realized through the development of pipelines like Mariner to get these products from production to the end-user. Pipelines are safer than alternative forms of transport, not to mention the fact they are more environmentally beneficial.

The application for modification to the construction method at this location in Chester County has been made to ensure the safety of the local environment. No large infrastructure project is ever pretty. Many take longer to build than originally proposed and they are a nuisance to local residents. Mariner East is no different. What is important however, is the commitment that Sunoco and Energy Transfer have made to Pennsylvania and the proposed modification before you is proof that they intend to remain being a good neighbor.

Please approve the Chapter 102 and 105 permits before you so that we can complete this project. (16)

Letter – [Township of Sewickley](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **16. Comment**

At Pittsburgh Works Together, we believe in building a strong inclusive economy that works for everyone. We believe the growing energy sector embraces our traditional

strengths while preparing us for the brightest future for all residents of the Commonwealth.

The expanding energy market has relied upon our skilled labor in bringing critical new projects online. Pennsylvania's energy industry has grown rapidly over the last decade and remains a critical part of our community. It supports support hundreds of thousands of jobs and injects more than \$45 billion into our economy.

That money supports families across the state as well as our public schools, civil programs, nonprofits, and other valuable programs that our communities rely upon every day.

Energy Transfer's projects continue to be a driving force for our states' energy infrastructure buildout and the Mariner East pipeline has brought about real energy consumer savings. The project has employed thousands of skilled union construction workers from right here in Pennsylvania, which ensures the best trained workers in the industry are building this pipeline.

A pipeline will carry product equal to 750 trucks and 75 railcars. Much safer by taking tens of thousands of gallons of product off our roads and rail lines every day – pipelines also produce less emissions.

The application under review makes sense both from the perspectives of environmental and community safety. The current proposal would allow crews to excavate a trench for the pipeline to be installed into. This is an improvement based on the challenges experienced with inadvertent returns of drilling fluid (non-toxic bentonite mixed with water) at this very location.

On behalf of the corporate and organized labor members of Pittsburgh Works, I encourage the Department of Environmental Protection to advance the permits for Energy Transfer's new plans to complete construction of the Mariner East pipeline. I am confident our state's energy sector will continue to provide jobs and opportunities for our communities with the necessary infrastructure in place. (17)

Letter - [Pittsburgh Works Together](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **17. Comment**

Today I write on behalf of our members and trades workers to demonstrate our support for the Mariner East pipeline and to underscore the benefits of this project for our community and the commonwealth as a whole.

As we have seen already, this project has created countless positive benefits throughout the Keystone State. This construction project alone has created about 10,000 jobs, and once the pipeline is completed there will be continued employment for upkeep and maintenance. This last permit needed is essential to finishing the project. Pennsylvania's energy sector is crucial to our state's economy, contributing nearly \$50 billion to our revenue, and has grown to become one of the largest energy industries in the United States. This pipeline only adds to our state's success and will greatly benefit our local economy.

Energy Transfer has made sure to evaluate and proceed with construction in a way that protects our environment. This change from horizontal directional drilling to open cut pipe installation will help keep local communities and our workers who are building and servicing the pipeline safe. Even with these setbacks and changes within the construction, Energy Transfer has always prioritized the safety of the community and environment while also protecting workers.

This vital investment for Pennsylvania allows us to capitalize on more affordable natural resources. Pipelines transport large amounts of natural resources in lieu of higher emissions- emitting transporting like truck and rail, which help to bring down energy-related carbon emissions. I ask that you approve this permit and the new construction method. Thank you. (18)

Letter – [International Union of Elevator Constructors, Local Union 5](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **18. Comment**

I am writing to urge you to approve Sunoco Pipeline LP's request for permit modifications to complete the remainder of the Mariner East 2 Pipeline.

Shale energy development throughout the Appalachian Basin has been critical not only to Pennsylvania's economy but that of the region as well, including my home state of Ohio. Across the two states the oil and natural gas industry supports over 580,000 jobs and more than \$82 billion in economic activity. Ensuring there is the appropriate infrastructure to support this industry is important.

During my time in Congress, few could have predicted the wholesale transformation of the United States' energy outlook that has occurred over the past two decades. Shale energy production has repositioned the United States from dependence on foreign suppliers into a role as a global energy provider. In 2019, America became a net-energy exporter for the first time in nearly 70 years. Last year domestic production increased that margin even further. Yet, continued growth depends on infrastructure investment.

The Mariner East 2 Pipeline will provide an important connection between the region's energy producers and consumers. Once fully operational, the Mariner East 2 pipeline will transport up to 345,000 barrels of natural gas products per day, which will alleviate dependence on alternative transportation options.

In that way, the pipeline will help protect surrounding communities and the environment. Pipelines are the safest form of energy transportation, with a success rate of more than 99.99 percent. A study by the Frasier Institute found that rail shipments are 4.5 times more likely to experience failure than pipelines. By removing loads from our roads and railways, the Mariner East will reduce the chance of a significant spill.

The requested permit amendments (Chapter 102 Permit No. ESG0100015001 and Chapter 105 Permit No. E15-862) will provide the authorization for the safe completion of this project.

Despite recent setbacks, the developer has and continues to work in good faith with authorities at every level to achieve the project's safe completion. Construction of the Mariner East 2 was interrupted last fall following occurrences of inadvertent returns. The permit amendments will allow that section of pipe to be installed via open trench, rather than horizontal directional drilling. The alternative method will preclude any further inadvertent returns, since no drilling will be required, and ensure the project's safe, environmentally responsible completion.

The Mariner East 2 Pipeline is a critical piece of infrastructure for our region and country that will impact communities far beyond the borders of Pennsylvania. I encourage the Pennsylvania Department of Environmental Protection to approve the permit requests without delay.

Thank you for your consideration. I appreciate the opportunity to discuss this matter with you. (19)

Letter – [Bob McEwen, U.S. Congressman, Ohio](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **19. Comment**

On behalf of the Pennsylvania Propane Gas Association please accept our support for the modification to the construction technique on the Mariner East pipeline at one location in Chester County.

The Pennsylvania Propane Gas Association (PAPGA) represents over 300 companies (including branches) that provides clean energy to more than 641,580 residential and 72,780 commercial customers across the state. Our industry contributes nearly \$1.8

million a year to Pennsylvania's economy and employs more than 2,600 people at over 115 companies in every county statewide.

With so much uncertainty in the world these days, one thing many Pennsylvanians do not have to worry about is how they'll heat their homes during the coldest winter months. More than 235,490 households rely on propane as their primary home heating source, and this domestic fuel source remains abundant and affordable.

Propane is a clean, low-carbon energy that is an approved alternative fuel under the U.S. Environmental Protection Agency's Clean Air Act. While propane is a co-product of natural gas processing, it does not present the traditional environmental profile of a fossil fuel. Propane is a key to America's move to a low-carbon future. It is used in nearly 13 million U.S. households for residential purposes for water heating, indoor and outdoor cooking, clothes drying, fireplaces, backup power and outdoor living and by millions of Americans for transportation, commercial, industrial, and agricultural applications. You will find propane powering fleets of buses serving schools. And do not forget the tens of thousands of forklifts operating in enclosed warehouses where low emissions are highly valued, the thousands of mowers and the myriad high-intensity energy agricultural uses like grain drying.

Energy is sometimes a divisive issue however the one thing Democrats and Republicans agree on is the need for our nation's energy independence. The increased development of the Marcellus and Utica shale formations has decreased our need for foreign energy sources. Not only is Pennsylvania helping to shape this new global energy dynamic consumers are reaping the benefits.

Continued investments in pipeline infrastructure to safely and responsibly transport energy products to market is essential to ensure consumers continue to enjoy the many benefits of our abundant, affordable, domestic energy resource. The Mariner East pipeline is a key component to the success of our operations. Energy Transfer's commitment to finish this pipeline, utilizing a trench cut method as opposed to horizontal directional drilling, is an acknowledgement of their effort to complete the project in a sound and orderly manner.

Not only are pipelines a safe and efficient way to transport energy products, utilizing them has a less damaging environmental impact than other forms of conveyance. This reduces our carbon footprint significantly.

We respectfully urge DEP to approve Energy Transfer's modified plans to finish constructing the final part of the Mariner East pipeline. Thank you. (20)

Letter - [Pennsylvania Propane Gas Association](#)

## **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township,



Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

## **20. Comment**

On behalf of the nearly 300 members of the Maritime Exchange for the Delaware River and Bay, we urge the Pennsylvania Department of Environmental Protection to support the proposed modifications for the Mariner East pipeline project.

Mariner East primarily supplies the Marcus Hook Industrial Complex in Delaware County and plays a major role in generating consistent revenue and economic stimulation in southeastern Pennsylvania and the regional port as a whole. The energy industry, responsible for generating \$45 billion in economic activity over the past decade, has consistently proven its importance in driving growth within local communities and throughout Pennsylvania.

Mariner East offers Pennsylvania and local communities an excellent opportunity to receive affordable and safe energy. The pipeline would generate significant revenue and boost employment through construction and maintenance. Mariner East also offers a safe and efficient means of transporting natural gas liquids. Pipelines protect local communities from dangerous transportation-related accidents that result from moving natural gas via trucks or trains.

The pipeline developer, Energy Transfer, has altered the construction strategy of the pipeline from horizontal directional drilling to an open cut method to protect the local environment and surrounding communities from inadvertent returns, another example of the company's responsiveness and environmental caution. These alternative construction methods also are an industry standard best practice and will ensure the timely completion of this project.

We respectfully urge DEP to approve the applications under review in a timely manner. Further delays for a project that is so pivotal to our economy are unnecessary, given the strict regulatory oversight this project already has undergone.

Thank you for your consideration on this important matter. Please feel free to contact me if you have any questions or would like additional information. (21)  
Letter – [Maritime Exchange for the Delaware River and Bay](#)

## **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

## **21. Comment**

On behalf of the Marcellus Shale Coalition (MSC) and its member companies, I write to express my support for the Department of Environmental Protection's approval of the

proposed major permit modification submitted by Sunoco Pipeline LP for the Mariner East 2 pipeline.

Energy Transfer's engineers and environmental consultants evaluated many options to develop the best overall method that maximizes public and environmental safety for this portion of pipeline installation. Specifically, this proposed route directs construction away from Marsh Creek Lake and changes from horizontal directional drilling to open cut installation for a portion of this work, which will eliminate the potential for inadvertent returns.

This is one of the last sections of the 20-inch Mariner East 2 pipeline to complete in Chester County, and the final permit approval needed to complete the project. The 16-inch Mariner East 2X pipeline has already been installed in this area.

Mariner East offers critical infrastructure needed to move regionally produced natural gas liquids to the Marcus Hook Industrial Complex in Delaware County, where it is processed, stored and shipped regionally and beyond. With offtake points in operation and planned along the route, propane is available for home heating, cooking and agriculture, and as a cleaner, alternative fuel source.

In addition to propane access, we rely on natural gas liquids and byproducts to manufacture the products we use every day. Now more than ever, these byproducts are used to manufacture materials that have been critical to the pandemic response and to vaccine distribution, including certain PPE, hand sanitizers, cleaning products and plastics for vaccine syringes.

This proposed permit modification will ensure that the remaining section of Mariner East 2 is installed in an environmentally sensitive manner that protects local water resources and the community. For these reasons, I strongly encourage the Department's prompt PUC review and approval of this critical permit. Thank you for your consideration of these comments. (22)

Letter – [Marcellus Shale Coalition](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **22. Comment**

My name is retired Army Colonel Tom Magness. I am providing this letter of input as a strategic advisor for the Grow America's Infrastructure Now (GAIN) organization, and as a former executive leader with the United States Army Corps of Engineers. I have commanded Army Corps of Engineers Districts in Detroit, Los Angeles, and Afghanistan. I have extensive experience with major infrastructure projects and have myself been the final approval authority at the federal level on permit applications for

large public and private sector infrastructure projects throughout my areas of responsibility. I know the process and have great respect for those making these important decisions.

This spring Sunoco Pipeline LP applied for permit amendments that would allow the company to change the construction method and routing for a final section of the Mariner East 2 Pipeline. I am writing to encourage the Pennsylvania Department of Environmental Protection (DEP) to approve the requests.

Having closely followed the development of the Mariner East 2 Pipeline, I see no reason not to approve the proposed permitting amendments. The changes will enable completion of a final section of the pipeline in a manner that adequately upholds public safety and reasonably prevents further environmental disruptions.

Over the past two decades, pipelines have improved exponentially in sophistication, technology, building and design, and operations. Public-private partnership have also helped develop and share industry best practices, which have enhanced construction, monitoring and incident-response. These advances have and continue to make pipelines, which are demonstrably the safest way to move energy products, even safer and more efficient.

The Mariner East 2 Pipeline is constructed to meet and often exceed the highest industry standards. That includes pipe resiliency testing at 125 percent of maximum operational load; minimum pipe depths that in many areas exceeds regulatory requirements; equipment and supply standards (about three-quarters of which is made in the USA); x-ray of inspection of joint welds; and security to prevent vandalism and tampering.

Equally rigorous controls have been developed to ensure the pipeline's safe operations once completed, including aerial and ground surveillance; interior cathodic monitoring devices; automated and manual stop-valves; real-time data acquisition; tools to identify pipe deterioration; centralized control centers; emergency response training; and public awareness programs.

Which is all to say, the Mariner East 2 Pipeline is designed and built to ensure public safety and preserve the integrity of surrounding land and waters against any reasonably foreseeable conditions or impacts.

Construction of the pipeline was halted last September after inadvertent returns—the escape of drilling mud to surface—were reported. These occurrences are not unusual in horizontal directional drilling, nor are they particularly damaging. The substance is a combination of bentonite clay and water, both natural elements. In fact, bentonite is found in many consumer products, including skin care and dietary items.

To prevent any further inadvertent returns, Sunoco Pipeline LP is now seeking to finish this section of the Mariner East line via open trench installation. This method requires no horizontal directional drilling, and therefore precludes any possibility of drilling mud

releases. While it may cause greater surface-level disruption, moved earth will be replaced once the pipe is set, and impacted grounds will return to prior condition. Importantly, this installation method will allow the same high-level precision in the construct of the pipe as horizontal directional drilling.

Sunoco Pipeline LP's proposed routing also further ensures that in the unlikely event of an incident along the pipeline, sensitive geographies will not be affected. This too is a step "above-and-beyond" to protect local ecosystems. The route has been carefully vetted and builds on plans that were previously approved in the regulatory process.

Energy pipelines are critical to Pennsylvania's remarkable shale development. They also best serve our communities and the environment by mitigating the likelihood of failure. The primary alternatives are truck and railcar shipments, which are much more volatile. One study found that rail was more than four times more likely to experience a spill than pipelines.

The Mariner East 2 project has fully met or exceeded the necessary regulatory requirements up to this point, which should give the DEP confidence to approve the requested permitting amendments. It is in the public's interest that the pipeline be completed and that the appropriate authorizations be granted to ensure it meets the highest regulatory standards.

For these reasons, I encourage the DEP to approve Sunoco Pipeline LP's proposed permit modifications for the Mariner East 2 Pipeline. If it behooves your agency, I would welcome the opportunity to discuss this matter in greater detail with members of the DEP. Thank you for your time and consideration. (23)

Letter – [Tom Magness](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **23. Comment**

I am writing today in support of the Mariner East pipeline permit modification, as it will help bring economic strength and stability to Pennsylvania (PA). As President and Executive Director of the Beaver County Chamber of Commerce, I have promised to lead and advocate for economic progress across my community, and to support local and regional businesses, as well as the individuals who make up our business networks across the state.

During construction, Mariner East has generated more than 9,500 jobs --- steady work for Pennsylvania's highly skilled union workers. Our country is in dire need of expanded infrastructure and PA is no exception. Like roads and bridges, pipeline infrastructure is badly needed across the commonwealth to support our growing energy sector. This

pipeline network provides the safest, most efficient means of transporting the products produced in western PA to facilities like the Marcus Hook Industrial Complex in Delaware County, which acts as a hub to transport products locally, regionally, and across the world.

Additionally, projects like Mariner East provide PA workers with the opportunity to work at home, be home for dinner, and sleep in their own bed. Without increased development like this, these workers are forced to travel elsewhere for work. This is a project that is providing jobs for our local workers, ensuring that the investments remain in our local communities.

The Beaver County Chamber of Commerce has outlined values that we adhere to and carry with us in our work --- one of them is “planning long term for the best interest of the organization and members.” The degree of planning behind this project is part of what makes my colleagues and I so confident in its benefits to the surrounding areas. Those constructing Mariner East are committed to transparency, working closely with landowners and other partners, exceeding regulations, and ensuring the land is properly restored. The project’s willingness to work and partner with others is key for us --- as collaboration is another of our core values.

The modifications proposed to the construction method are being made based on realities in the field. They are alterations to the originally proposed plans to ensure the safety of the local environment and communities. These are made in consultation with experts and it is the right move to ensure completion of the project and safe operation of the pipeline.

As President and Executive Director of the Beaver County Chamber of Commerce, I hope you will take into consideration the economic and environmental benefits that Mariner East will have. Our vision at the Chamber is for Beaver County to be a “premier place to live and work in the region.” With that goal in mind, this project will help bring back jobs to the region while strengthening our infrastructure. I look forward to seeing a positive and productive partnership between the project and the DEP. (24)

### **Response**

The Department acknowledges the commentator’s comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **24. Comment**

My name is Jim Snell, Business Manager for Steamfitters Local 420, which covers the city of Philadelphia and its collar counties, including the Allentown and Reading areas. All told, our union is several hundred strong --- and more united than ever before, especially when it comes to matters that affect the work we do, like energy infrastructure.

In order for that growth to continue, it is crucial for the DEP to approve the major modifications to the section 102 and 105 permits for pipeline construction. These

modifications will help lower the environmental impact of pipeline construction, minimize community disruptions, and ensure the timely completion of Mariner East.

Mariner East has had a tremendous impact thus far. Prices for natural gas have dramatically decreased, which directly impacts the about 50 percent of all Pennsylvanians who use natural gas for their primary heating fuel. The natural gas industry has grown 153 percent and created over 21,000 jobs in recent years.

Mariner East provides Pennsylvanians with family sustaining jobs and provides countless opportunities for union members to utilize their trade in a growing field. The abundance of natural resources in the shale region requires additional energy infrastructure, which the Commonwealth must develop. Having experienced labor available makes that process simpler and brings even more economic benefits to Pennsylvania.

Regulators have approved and provided strict oversight of the project to date, and the courts have consistently upheld the project at every turn. Those opposed to the pipeline are not just opposed to Mariner East; they oppose any and all pipelines no matter their merits, which is not helpful when the primary goal is to provide consumers with reliable, affordable energy in the safest way possible.

New realities in the field suggest that the modifications to the DEP section 102 and 105 permits are necessary for environmental safety at several locations in southeastern Pennsylvania. These modifications are simply modifications to the technique used for installation and are within the construction best practices --- much like the previously approved methods. This proposal ensures the environmental safety of the areas around construction and they should be approved by DEP. Thank you. (25)

Letter – [Steamfitters, Local 420](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **25. Comment**

PennAg Industries Association supports Mariner East network and urges the state Department of Environmental Protection to approve the proposed permit modifications for construction along a portion of the pipeline route running through the Marsh Creek area in Upper Uwchlan Township, Chester County.

Energy Transfer wants to alter the construction method from horizontal directional drilling to an open cut, with alterations to the pipeline route. Horizontal directional drilling is a steerable, trenchless method of installing underground pipe. Open trench installation is an excavation where the pipeline is lowered into the trench and covered. The open trench method eliminates the potential for an inadvertent return. This is the best option to ensure minimal environmental effects and limit disruptions to neighbors.

Mariner East ensure the safe, efficient, affordable delivery of domestic fuel, especially propane, which is critical for Pennsylvania agriculture.

Pennsylvania's farmers rely on propane to power their daily operations in many ways. In the case of agriculture, the fuel is just as important as the tractor. Not only is propane used to run equipment, but it is especially critical for two of the state's fastest growing agricultural sectors: pork and poultry production. Both have grown by approximately 25% over recent years. Reliable, consistent and comfortable propane heat is a key part of keeping piglets hearty and healthy, and propane brooders are highly efficient because they provide more even heat over a larger area with fewer units, keeping young chicks warm and healthy.

Farmers can't control the weather, but they do have a choice when it comes to the fuels they use. Propane heaters offer unmatched reliability because they continue to operate even during electric power outages, making access to this domestic fuel source critical for sustaining operations and helping these vital agricultural operations keep grocery store shelves stocked and neighbors across the Commonwealth fed. For farmers, this budget-friendly fuel means the opportunity for improved production with lower input costs and the flexibility to solve problems by providing a clean, cost-effective, reliable source of off-grid energy.

Poultry farmers use propane-fueled poultry house sanitizers that generate heat from propane flames housed under a steel hood to sanitize poultry litter. The intense heat kills pathogens, reduces ammonia levels and controls harmful diseases that can affect bird weight and vitality. Propane-fired grain dryers give farmers the opportunity to save money and reduce spoilage, while also offering them flexibility in their harvest schedule and providing insurance against unforeseen issues with bringing their crops to market. Reliable access to affordable propane allows these farmers to grow their operations and increase their self-reliance.

Pennsylvania farmers have a rich tradition as stewards of the land. They support projects that strike the right balance between respecting the land and putting it to proper use for the benefit of all Pennsylvanians. The proposed permit modifications for the Mariner East pipeline do exactly that, which is why we support the change and urge DEP to give the plan its approval as well. Thank you. (26)

Letter – [PennAg Industries Association](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

## 26. Comment

On behalf of our members, I encourage the Pennsylvania Department of Environmental Protection to approve the Chapter 102 and 105 permit application for the Mariner East Pipeline in Chester County. The Mechanical and Service Contractors Association of Eastern Pennsylvania provides a partnership between labor and management amongst our Contractor and Allied Members, to enhance and perpetuate their business and profitability.

I have personally been a part of the Mariner East project since the building of pump stations on the Mariner East 1 line and am very excited to see construction on the overall project completed. Mariner East is a huge milestone for Pennsylvania because of the enormous benefits it ensures for the commonwealth and our residents. Mariner East will provide a critical transportation source for Pennsylvania's energy producers. Pipelines are the safest means to transport product and have proven to produce more environmental benefit through less emissions than alternatives.

Energy Transfer 's Mariner East Pipeline plan has exceeded regulatory standards, recognition of key environmental and community concerns, and restoration. The current proposal is no different. The proposed alteration to the construction method is based off in-the-field realities and intended to ensure the safety of the local environment. This project has also shown a strong commitment to hiring Pennsylvania workers, which further proves their commitment to the commonwealth.

Both a horizontal directional drill (HOD) and an open cut trench installation method are amongst industry best practices. The switch to a trench installation removes the threat of the possibility of an inadvertent return, which has been a common problem at some sites in southeastern Pennsylvania due to the challenging karst topography. Not only does the current proposal take away this possibility, but it also ensures a more defined construction timeline, which will be appreciated by the residents who are undoubtedly experiencing construction fatigue. This shows the pipeline developers commitment to complete the project and to do it in a manner that produces the least amount of disruption.

In closing, we encourage the approval of the permit for the alternative construction plans by the Pennsylvania Department of Environmental Protection. (27)

Letter - [Mechanical & Service Contractors Association of Eastern PA](#)

## Response

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

## 27. Comment

My name is Jimmy Gittens and I am a member of the International Union of Operating Engineers Local 542. I am writing to you today to stress the importance of approving the major modifications to the DEP sections 102 and 105 permits for the Mariner East



pipeline. These modifications will lessen the environmental impact during construction and is based on realities ascertained from ongoing work on the pipeline.

Mariner East pipeline construction provides many union members employment and the opportunity to develop their expertise in a growing field. The natural gas industry in Pennsylvania has created over 21,000 jobs with escalating promise. The shale region holds an abundance of energy resources, vital to our country's energy independence, which means that additional pipeline infrastructure, beyond even Mariner East, is absolutely necessary. At IUOE Local 542, our No. 1 objective is ensuring that the pipeline is safely constructed to ensure it operates safely.

As members of communities across Pennsylvania, our members have a personal interest in ensuring this project is done correctly. They, like other Pennsylvanians, reap the benefits of the natural gas industry and how it lowers the price of energy. These machine operators also care about their state and its environment. With increasing concern for protecting the world's health, they understand the importance of minimizing any project's impact. The safety of their home and families will always come first.

Our members work on this project and have witnessed Energy Transfer's dedication to the environment and ensuring a safe, sound way to transport energy resources. Pipelines are the safest way by far to transport these resources. The modifications under consideration are necessary to ensure minimal environmental impact at the three locations identified and I encourage the Department of Environmental Protection to approve them in a timely manner. (28)

Letter – [International Union of Operating Engineers, Local 542](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **28. Comment**

My name is Stephanie Catarino Wissman and I am the Executive Director of API Pennsylvania, a division of the American Petroleum Institute. API offers these comments in support of the Mariner East pipeline network and the proposed permit modifications as a way to ensure this project is finished in the most environmentally sound way.

API represents approximately 600 companies within the oil and natural gas industry. We advocate on behalf of a sector that is responsible for millions of American jobs and generates billions of dollars. API works to improve the well-being of industry employees and influence policy to support the changing needs of our members.

Over the last 100 years, API has been a leader in setting standards to enhance operational and environmental safety, efficiency and sustainability. The welfare of neighboring communities and protecting our natural resources are important priorities for our

organization. In this case, Energy Transfer, which is Mariner East's project proponent, has developed a comprehensive and meticulous environmental plan to protect Pennsylvania's environment and to reduce impacts on the surrounding community during construction. For example, Energy Transfer has pivoted from horizontal directional drilling to open cut trench work, which removes possibility of inadvertent returns. In addition, a trench installation provides a more predictable construction timeline and allows crews to exit a specific area in a shorter period of time, which is preferable to local residents.

Just as the national economy has benefited from domestic energy production, Pennsylvania is poised to receive increased revenue upon the completion of the Mariner East project, and it is time to get the job finished. The construction of this pipeline has stimulated local employment for skilled laborers and others all along the line, and the completed pipeline projects millions of dollars in state and local taxes, while also spurring spinoff economic opportunities up and down the network.

API strongly encourages DEP to approve the application for modifications to the Chapter 102 and 105 permits for the Mariner East pipeline project. (29)  
Letter - [American Petroleum Institute Pennsylvania](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **29. Comment**

I am writing today as a long-time community advocate, who only wants the best for the commonwealth's people and its industries. As the Chair of the Washington County Commission, I pride myself on working to spearhead economic development, and it is one of the most rewarding parts of my role. I am also an advocate for the Mariner East pipeline. I have seen the pipeline's efficient and successful progress over the years, and I am confident this public works project will continue to invigorate regional economies.

During my time as a Commissioner, I have helped bring more than 6,000 new jobs to my community. I understand how important a steady wage is and the sense of purpose that comes with having a job. This is one reason why I am a staunch supporter of the Mariner East pipeline project. Its development has consistently supported approximately 9,500 jobs during 6 years of construction.

I can assure you that this gradual employment surge is significant. Additionally, several businesses and entities across the state, rely on public work projects like Mariner East. The Mariner East pipeline has a further reaching impact than is seen at first glance.

For critical energy infrastructure projects like this, safety is a top priority and is imbedded into all aspects of regulatory compliance. In fact, in 2017 the Mariner East pipeline

welcomed more than 100 days ' worth of inspection from federal and state regulators - more than any other pipeline in Pennsylvania. On top of typical safety measures, development teams have pivoted toward an open cut construction framework, which reflects an understanding of past challenges with construction based on the local geology.

Of most importance, this project must be completed. Please approve the Chapter 102 and 105 permit applications.

Thank you for your consideration. The Mariner East pipeline has my full support. (30) Letter - [Diana Irely Vaughan, Washington County Commissioner](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **30. Comment**

As a state representative for Pennsylvania's 46th legislative district, I encourage the Pennsylvania Department of Environmental Protection to approve the modifications to the construction method on the Mariner East Pipeline and allow this critical project to be completed.

My district constitutes sections of Washington County and Allegheny County. As a representative, I have worked hard to increase job creation and strengthen our local economy. For these reasons, we support the energy industry and the beneficial impact that natural gas and oil has brought not just to my district but to all of Pennsylvania.

The 46<sup>th</sup> district need not look far to see the positive impact that the energy industry has had. In neighboring Beaver County, residents have benefited from the Ethane Cracker plant. The plant has lived up to its potential as it revitalized the local community through employment opportunities, investment, and boosted revenue.

As a member of the House's Environmental Resource and Energy Committee, I can tell you that pipeline development is critical. Currently, Pennsylvania does not have enough pipeline capacity to support our burgeoning natural gas sector, which is now the second largest in the nation. Pipelines like Mariner East connect our natural gas production operations in my district to markets. Additionally, they do this in the safest, most efficient manner.

Over the past decade, the industry has produced \$45 billion for Pennsylvania. The Mariner East pipeline has generated \$9.1 billion through construction alone, and once the project is completed, the state will enjoy efficient energy production and even more tax revenue.

The permit currently under review should be approved without unnecessary delay. The new proposal ensures safe construction with the least amount of harm to the environment and local communities. The pipeline developer has taken the necessary time to work with local officials and regulators to weigh countless options with the proposal before you proving to meet all objectives based on realities in the field.

Please approve the Chapter 102 and 105 permits for the alternative construction method to help keep Pennsylvania moving forward. (31)  
Letter – [Jason Ortity, PA Representative, 46<sup>th</sup> District](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **31. Comment**

The Mariner East project is key to continued growth and opportunity in Delaware County, which is why the Delaware County Chamber of Commerce supports the proposed permit modification to construction at the Marsh Creek area in Upper Uwchlan Township, Chester County.

We have seen so many of the direct benefits from construction and operation of the pipeline and related Marcus Hook Industrial Complex in Delaware County, but the potential is even bigger once the network is fully completed.

The proposed modification to existing permitted activities is being pursued based on geological realities in the field, not uncommon among massive infrastructure projects like this one. The proposed changes will protect the environment and our communities, move the pipeline closer to ultimate completion, and continue to grow jobs and funding for Delaware County services.

Delaware County relies on the jobs and revenue provided by the Mariner East pipeline system and Marcus Hook Industrial Complex. So, does all of Pennsylvania. With an estimated \$9.1 billion invested into our state's economy and more than 57,000 construction jobs, the Mariner East project is a boon to our economy and central to Pennsylvania's energy future.

At the Delaware County Chamber of Commerce, we want what is best for our fellow community members --- environmentally, economically, and socially. In tandem with the Marcus Hook Industrial Complex, the Mariner East pipelines provide millions for our local tax base, which goes to fund schools, law enforcement and other essential services. They also provide great-paying jobs for our community and help power Pennsylvania's energy needs.

We urge DEP to approve the proposed permit modification to allow construction to move ahead and for work on this pipeline to finally finish. Thank you. (32)  
Letter – [Delaware County Chamber of Commerce](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **32. Comment**

Attached is our statement-submission in the above matter, sent on behalf of the Chester County Chamber of Business & Industry. Please contact me with any questions. Thank you.

This Chamber asks this agency to approve the amended application to the Mariner East 2 pipeline construction plan.

This project, spanning across the Commonwealth, is nearly complete. Your approval of this amendment will bring this project to completion, both safely and in a timely fashion—both of which are beneficial to our County and the Commonwealth.

There have been problems with this project. Everyone is aware of that, especially in our County. However, those challenges are part of the reason that your approval is needed, which is beneficial to everyone.

These amendments will make the project safer to citizens and the environment both now and in the future. Additionally, approving these amendments now will allow this project to go to completion. Completion not only means that the economic benefits may begin to be realized by consumers and employees; even more importantly, your approval of these amendments means that the process of returning our landscape and our quality of life back to normal is much closer.

Completion of this project has meant—and will mean—family sustaining jobs for countless families in the natural gas industry and also in the countless businesses that will be suppliers and purchasers of the natural gas and its secondary-products. Additionally, it will mean that a low cost, cleaner energy source will be available to America and our allies—keeping us warm in winter, cool in summer and keeping our businesses running, while also removing America and our allies' dependence on dangerous or unpredictable energy-suppliers around the world.

Approving these amendments will allow this project to come to completion. This will bring about economic benefits, good paying jobs and improve the national security of America and our allies.

Despite all of those undeniable positives, if the project cannot be done safely, the benefits might not outweigh the concerns. However, by almost all accounts, the amendments submitted will make the project's completion and operation much safer. It will be safer to the environment and more protective of our water and natural resources.

In addition, we ask this agency to also consider the following. Because of our geographic location, our topography and the size and scope of our citizenry and economy, perhaps no county has endured more disruptions while this worthwhile project has moved to completion. To this day, there are pipes, earth movers, flags, dirt piles, sound barriers and construction vehicles along the pipeline's path and nearby communities. The lengthy construction period has added to the economic and quality of life impacts in our community—a community that is as proud of its quality of life as we are our robust economy and great schools.

Leaving this project stagnant with all this disruption in place is in no one's interest.

With these proposed amendments, this project can be brought to completion in the near term and done so in a manner that improves the safety of the community and environment.

These amendments allow this project to bring about all its positives, while greatly improving the safety of our community.

The Chamber respectfully asks for this agency to approve the proposed plan. Thank you.  
(33)

Letter – [Chester County Chamber of Business & Industry](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **33. Comment**

The Penn-Del-Jersey and Western Pennsylvania Chapters of the National Electrical Contractors Association (NECA) represent nearly 200 electrical contracting firms employing thousands of IBEW electrical workers throughout Pennsylvania and Delaware.

Our Associations support the completion of the Mariner East 2 Pipeline and the major modification at HDD 290 in Upper Uwchlan Township. We urge the DEP to approve Energy Transfer's requested Chapter 102 and 105 Permits (ESG0100015001 and E15-862) at this week's hearing.

First, it is important to note that Energy Transfer's implementation of an open cut pipeline installation method reflects a dedication to environmental safety. This open cut

process prevents inadvertent returns and ensures a defined construction timetable for communities near the construction site.

Second, pipelines like Mariner East are efficient and necessary pieces of American energy infrastructure. They are also cleaner energy transportation options than highway and rail.

In fact, according to the U.S. Department of Transportation, it would take a “constant line of tanker trucks, about 750 per day, loading up and moving out every two minutes, 24 hours a day, seven days a week, to move the volume of even a modest pipeline.”

Finally, energy infrastructure projects like Mariner East create numerous jobs for NECA Contractors, their employees, and the Pennsylvania energy industry. This industry has generated over \$40 billion in Pennsylvania over the past decade and is integral to the Commonwealth’s economy

Considering Energy Transfer’s standards of construction and the positive impact of energy infrastructure development, the Penn-Del-Jersey and Western Pennsylvania Chapters of NECA support the Mariner East Pipeline major modification at HDD 290 and urge the DEP to allow the project’s completion.

Thank you for your consideration of this important matter. Please do not hesitate to contact us at the addresses below if you have any questions. (34 – 35)

Letter – [National Electrical Contractors Association, Penn-Del-Jersey Chapter and the Western Pennsylvania Chapter](#)

### **Response**

The Department acknowledges the commentator’s comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **34. Comment**

The Mariner East projects have spread profit across the state, especially in our region where we have seen direct impacts from the project, which supports a local power plant. From cheaper energy resources, to the creation of thousands of employment opportunities, this project allows all Pennsylvanians to reap the benefits. Approval of the DEP modifications to sections 102 and 105 permits will allow Mariner East to continue its promise to Pennsylvania, while further extending efforts in protecting the environment.

Natural gas is the cleanest fuel available and almost half of Pennsylvania is already using it for their home energy needs. With an abundance of these resources available in the shale region, completion of additional energy infrastructure is absolutely necessary to ensure the safe transport of this products to consumers near and far. Pipeline

infrastructure is the safest mode of transporting these liquids and ensuring that they are built in the most environmentally friendly manner is crucial to our future.

Mariner East has dedicated itself to ensuring safety during pipeline construction. Regulators continue to provide strict oversight and the courts have upheld the project at every turn despite multiple attempts from anti-pipeline activists to delay the project. Those opposed to Mariner East have proven to be opposed to all energy projects despite necessity. Mariner East is just the latest energy infrastructure project that will have a positive impact for Pennsylvania energy consumers for the foreseeable future.

The professionals dedicated to this project are not only skilled laborers who are trained under strict circumstances, but they also are members of the community where the pipeline is being built and who care about the environment and the Pennsylvania communities where they live. Like all of us, these highly trained and skilled workers call Pennsylvania their home and want to see the state not only reap the positive economic benefits but improve the environment as well. And, like so many of us, we all want to see this project finished the right way.

The DEP modifications to sections 102 and 105 are necessary to make sure the project is as environmentally sound as possible. I urge you to support their approval. (36)  
Letter - [Johnstown Area Regional Industries](#)

### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

### **35. Comment**

I am writing to express my serious concerns regarding Sunoco Pipeline's request for amendment applications for both its Ch. 102 (Erosion and Sediment Control) and Ch. 105 (Water Obstructions and Encroachments) permits to change the route and installation method of the Mariner East 2 pipeline at the location known as HDD 290 near Marsh Creek State Park.

As you know, this is the same site where nearly one year ago, approximately 8,000 gallons of drilling fluid were spilled into the lake and surrounding wetlands. Given this project's long history of problems impacting numerous residents and communities, it is difficult to compare one set of spills or inadvertent returns to the next. However, it is safe to say that last summer's spill at Marsh Creek Lake likely remains one of Mariner East's most alarming in our region given its potential for contamination of our water supply.

As state Senator representing Pennsylvania's 19th Senatorial District and minority chair of the Senate Environmental Resources and Energy Committee, I am extremely concerned about the potential for this project's substantial and ongoing impacts on environmental safety and public health. Again, at stake here is not only one of the



gemstones of outdoor recreation in Chester County and home to abundant plant and natural wildlife, but Marsh Creek Lake is also a vital source of drinking water.

In the wake of last summer's spill, which continues to impact the lake, its wildlife, and recreational opportunities, the Pennsylvania Department of Environmental Protection directed Sunoco to consider several alternative options for new routes. While I appreciate Sunoco's willingness to evaluate multiple routes, I do not believe its proposed reroute, again running close to the lake and through streams and wetlands, is the best alternative when it comes to protecting our water resources, environment, and public health from future impacts.

I am also equally concerned about an apparent lack of comprehensive and detailed analysis of this and other proposed routes. In turn, I respectfully ask DEP to deny this and future requests until Sunoco does its due diligence to prevent further harm to our natural environment, local infrastructure, community health, and public and private water supplies.

In closing, I certainly understand the desire of Sunoco and various business groups to complete this project as soon as possible. We, too, would like the ongoing impacts of Mariner East construction to end. Please keep in mind that my constituents have been living with this project and through its numerous problems, geological impacts, sinkholes, groundwater discharges, spills, safety concerns, and more for five years. However, we should not put aside public health or environmental safety in favor of options that may be easier or more convenient for Sunoco. Furthermore, the history of this project shows that repeated attempts to expedite construction have apparently led to more impacts and increased delays in the long run.

Thank you for considering my comments. Please deny this request in the interest of protecting public and environmental health and safety. (37)  
Letter – [Carolyn T. Comitta, PA Senator, 19<sup>th</sup> District](#)

### **Response**

Thank you for your comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods, commonly referred to as Horizontal Directional Drilling (HDD). The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to

waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

### **36. Comment**

Clean Air Council, Delaware Riverkeeper Network, PennFuture, Pipeline Safety Coalition, and Mountain Watershed Association timely submit the following comments with respect to Sunoco Pipeline L.P.'s ("Sunoco") proposed major modifications of Chapter 105 Permit E15-862 and Chapter 102 Permit ESG010001500 ("major modification"). The major modification pertains to plans for the installation of a natural gas liquids pipeline at horizontal directional drilling site S3-0290, in Upper Uwchlan Township, Chester County, adjacent to Marsh Creek State Park. As the Department is well aware, residents have been raising serious concerns about this site for years. The major modification does not alleviate those concerns. The proposed course of action was plainly chosen to serve Sunoco's interests, not the public, and it guarantees more destruction.

From the start of its disastrous construction of the Mariner East 2 pipeline project, Sunoco has cut corners to bolster its bottom line at the expense of our communities and the natural resources we rely on. This history of HDD S3-0290 provides a telling example. Despite warnings and hundreds of public comments, Sunoco proceeded with its ill-conceived plans for the site and, in August 2020, spilled over 8000 gallons of industrial waste into Marsh Creek Lake, rendering significant portions of this recreational refuge and drinking water source polluted and inaccessible in the middle of a global pandemic. Now, Sunoco appears to be leaning on the fallout from that incident to justify abandoning trenchless construction methods at this site altogether. Instead, it is conveniently proposing the construction method it undoubtedly would have preferred all along: open cutting the land and waterways, which is generally understood to maximize surface destruction, but also to be the cheapest and fastest way to get a pipe in the ground.

Open cutting the entirety of the area in question was one of ten alternatives presented by Sunoco as part of this major modification. At first blush, this may suggest that Sunoco's consideration of options for the site was thorough. It takes only a little bit of inspection, however, to see the alternatives analysis represents quantity over quality. Sunoco relied almost entirely on desktop review, and while it included some simple impact calculations, such as acres of forested land it would level under each option, it is unclear how these numbers were ultimately weighed in its choice of alternative. Further delegitimizing this analysis is the fact that Sunoco considers the financial cost to itself associated with each option alongside the environmental impact numbers without actually giving any information on the costs. Sunoco does not even rank the options in terms of cost, as it does for other factors, leaving it entirely unclear if an option that provides more

protection for a particular resource is nominally more expensive than another option, or triple the cost. Cost was obviously a key consideration, but one for which there is no accountability or validating information.

Perhaps most important with regard to the quality of an alternatives analysis is which alternatives are selected for review. Here, some of the alternatives Sunoco presented for consideration clearly were going to be dismissed out of hand. The use of FlexBor technology, for example, given Sunoco's dismal record with its use, was not going to be deemed appropriate regardless of other factors. Whether other trenchless technology might be appropriate is less clear because it was not thoroughly considered. Direct pipe boring was considered only in two scenarios, but there may be combinations of rerouting and direct pipe bore use that would be less destructive than open cutting the entire path. Sunoco's dismissal of alternatives that involve trenchless technology warrants extra scrutiny as Sunoco has clear incentive to avoid these options to save money.

In terms of the alternative Sunoco is advocating for, while Sunoco has given some estimates of the impacts it would have, Sunoco has failed to demonstrate that those impacts have been minimized. It appears that even a slight shift or reduction of the proposed limit of disturbance might serve to preserve wooded area, but Sunoco has failed to consider this, opting instead for its more destructive, default preferences. In addition, despite Sunoco encountering and creating numerous geohazards since the onset of this project, it has not performed a complete geohazards analysis of the alternatives it presented for this major modification, including the alternative it ultimately selected. It is relying on desktop review of geohazards and performed only limited field reconnaissance of the area. The public deserves more, and safety demands it.

Unfortunately, the predetermined, superficial nature of Sunoco's analysis is exactly what the public has come to expect from Sunoco. A company that repeatedly creates sinkholes, destroys drinking water supplies, spills industrial waste, and continues to willfully violate the law after being put on notice hundreds of times and being fined millions simply cannot be trusted to proceed safely now. If the Department approves this major modification, it is doing so with full knowledge that Sunoco will violate the law again, at the expense of the public and environment. Sunoco must not be permitted to proceed.  
(38 – 42)

Letter – [Clean Air Council, Citizens for Pennsylvania's Future, Delaware Riverkeeper Network, Mountain Watershed Association, Pipeline Safety Coalition](#)

### **Response**

Thank you for your comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

The cost incurred by the applicant is not a measure of consideration in the alternative analysis.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

### **37. Comment**

I am writing with significant concern regarding the major modification amendment to HDD S3-0290 installation method submitted by Tetra Tech on behalf of Sunoco Pipeline L.P. on April 7, 2021. At its current location, the proposed changes would create unnecessary and undue risk to the environment and public health. Upon review and consideration of the proposed construction modifications, I strongly urge the Department to reject this application as grossly insufficient and incomplete and urge you to request that Secretary McDonnell revoke the permits for this project.

As you are well aware, this current proposal is far from the first change of plans presented by this corporation as they desperately attempt to jam through this dangerous project. In each case the plan has failed, resulting in additional contamination to Marsh Creek State Park and the Marsh Creek Reservoir, impacts to the local water table, and numerous sinkholes in direct proximity to the active 16-inch pipeline. Previously, Sunoco ensured the Department that their current proposal would limit environmental harm and disruption and would be successful. In each situation, the results demonstrated otherwise. It is ludicrous and a failure of our state government regulatory agency that is tasked with protecting our Constitutionally protected environmental rights to continue to approve construction plans that result in additional damage and denial of those same rights. This situation has now reached a point where the burden of negligence for future harm is justifiably assumed by the DEP.

After thoroughly reviewing the proposal, I must strongly object to the major modification as presented. The proposal would include a change from horizontal directional drilling (HDD) to open trench pipeline installation. I must note that if this construction method was in place from the start, we may have avoided the dramatic IR and contamination event that deposited over 8,000 gallons of drilling fluid in the Marsh Creek Reservoir on August 10, 2020. However, previous proposals for alternative plans stated that open trench technique was not ideal and could result in damage to surrounding wetlands. Further, the very fact that geophysical surveys conducted at HDD 0290 prior to construction clearly demonstrated that bisecting fault lines at 78 feet below the surface dramatically increased the risk of IR. Despite very obvious, self reported data, Sunoco did not identify the appropriate level of risk when submitting the permit request for HDD construction. Further, the DEP did not require adequate reevaluation following IRs during the construction of the 16-inch pipeline at the same location. This is egregious and demonstrates a lack of due diligence on behalf of Sunoco and a lack of regulatory oversight on the part of the DEP.

However, despite the reduced risk of IRs associated with a modified construction method, several IRs during pipeline construction have already occurred. The sinkholes those IRs created demonstrate significant geophysical destabilization. Any construction, HDD or open trench, increases the risk for further environmental harm at this location. Further, the very fact that this destabilization is occurring in proximity to the active 16-inch pipeline raises serious public health and safety questions. I urge the department to take into consideration not simply the proposed permit itself, but to evaluate this project holistically and take into account the full scale of community and environmental harm caused by this corporation. At a certain point, I hope that the department comes to the same conclusion the vast majority of those living near this pipeline project have realized - that this project cannot be completed without substantial and lasting damage and that the permit needs to be pulled immediately.

It has been over 10 months since Sunoco released thousands of gallons of industrial drilling fluid into the waters of Marsh Creek State Park. This incident, while vividly public and widely reported, represents just one in a string of contamination events, sinkholes, and lawsuits against this project stretching back over 5 years. With this in mind, and before I discuss the specific failures of this proposal, I simply must ask once again, at what point do we say enough is enough? I urge the Department to demand the full and complete restoration of Marsh Creek State Park prior to even the preliminary consideration of this major modification permit. Simply put, the DEP needs to do its job and enforce their regulations and make Sunoco clean up their mess.

Throughout the almost five years of industrial construction that my constituents have been forced to endure in suburban and rural communities of Chester County, the one constant has been that this company would avoid any responsibility when they would contaminate a stream with drilling fluid or create one of the many sinkholes located feet from a homeowners foundation. This long-standing strategy of avoidance continues in this major modification permit. For example, when attempting to explain the more than 8,000 gallons of drilling fluid that was dumped in Marsh Creek Reservoir on August 10, 2020, Sunoco explained that, "Following HDD stoppage during hurricane Isaisa, SPLP used a wash over tool to clean the bore hole in an effort to resume HDD drilling/reaming activity. During this activity, an IR occurred in wetland H17 and affected streams S-H10 and S-H11." I find it abhorrent that once again this company is refusing to take responsibility for shoddy and shortsighted construction practices. Further, I demand that the DEP hold Sunoco accountable for this damage by striking this language from the permit as it suggests that this IR was, in part, to blame on a natural disaster. The fact of the matter is that Sunoco was fully aware of the risk as they had experienced IRs at this location in the past. The fact the DEP approved a permit that was clearly deficient suggests the department was negligent, complicit, or both, in allowing this project to proceed.

Finally, in the major modification permit request, Sunoco indicates that the August 10, 2021 IR deposited 'trace amounts of bentonite,' in Marsh Creek Reservoir. This is especially insulting as the environmental damage caused by this careless and negligent

action by Sunoco continues to impact the use and environmental quality of recreational and public drinking water resources. I would hardly categorize over 8,000 gallons of drilling fluid a 'trace amount,' and it is apparent that this corporation has little regard for public and environmental safety, nor the regulatory authority of the Department of Environmental Protection.

While Sunoco has gone through the motions of reevaluation, it is clear that the information provided is insufficient and simply unacceptable. Following five years of spills and sinkholes, negligence, reckless construction, and lies, it is time to pull the plug on this failed project. As such, it is my strong recommendation that we must require the complete and total restoration of Marsh Creek State Park prior to permit consideration and that Sunoco be prohibited from any further permits until all harm caused is fully addressed and remediated. (43)

Letter – [Katie Muth, PA Senator, 44<sup>th</sup> District](#)

### **Response**

Thank you for taking the time to prepare these detailed comments. The Department has thoroughly reviewed the permit application and is satisfied with the analysis of the alternatives. The re-route alternatives proposed to be implemented will involve open-cut construction and will not involve the use of drilling fluids or trenchless technology (HDD).

Sunoco is responsible to fully restore all impacts that have occurred, or will occur, as a result of the pipeline installation. This includes full restoration of the impacts to Marsh Creek Lake, the tributaries of Marsh Creek Lake, and the adjacent wetlands.

To date, many of the geotechnical issues related to this section of the pipeline installation have resulted from the implementation of trenchless technology methods. The Department believes that by switching to an open trench construction methodology in this section of the installation, there will be more control over the impact limits, and a more clearly defined construction timeline. The Department will continue to have an active presence at this site during construction.

Various open trench alignments were considered and while the preferred alternate does result in some minor temporary impacts to waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. As noted, while the preferred open trench alternative will result in a temporary impact to Streams S-10 and S-11 and wetland WL-H17, those resources were previously impacted by IRs and the planned full restoration has yet to be completed. The proposed plan provides clearly defined limits and provides for their total restoration.

The Department lacks any legal basis to revoke the permits under applicable law. Sunoco has come into compliance by entering into a Consent Order and Agreement (CO&A) with DEP and DCNR that requires Sunoco/Energy Transfer to assess impacts and remediate and restore any damage caused by Sunoco's August 10, 2020 spill of

drilling fluids. In addition, under the CO&A Sunoco must remit substantial civil penalties and natural resources damages exceeding \$4 million to the Commonwealth and must post a bond for \$4 million ensuring that the cleanup of the Lake is completed in accordance with a comprehensive Impact Assessment and Restoration Plan and various approvals from state, federal and local agencies

### **38. Comment**

Thank you for the opportunity to comment on Sunoco Pipeline LP's major amendment applications for the Mariner East 2 Pipeline at HDD290 in Upper Uwchlan Township, Chester County. I have serious concerns about several aspects of Sunoco's proposed reroute of the pipeline, and I urge the DEP to deny these applications.

First and foremost is the fact that Sunoco has yet to complete the cleanup of its August 10, 2020, spill of more than 8,000 gallons of drilling fluid into the wetland, two tributaries, and the lake at Marsh Creek State Park, which led DEP to halt construction at the site and require a reroute. It has been more than 10 months since this most recent inadvertent return, and drilling mud still sits on the bottom of the lake, impacting aquatic habitats and wildlife and rendering 33 acres of the lake still unusable to the public as we enter a new summer season. It is irresponsible for the DEP to even consider allowing Sunoco to move forward at HDD290 while its prior mess remains unaddressed.

In its Administrative Order of September 11, 2020, DEP ordered Sunoco to reroute the pipeline away from Marsh Creek Lake, but the new proposed route takes the pipeline closer to the lake than any of alternatives Sunoco has presented. While the proposed switch from HDD to open trench drilling will reduce the possibility of inadvertent returns such as occurred last year, this approach carries its own risks. The proposed new route would require trenching through a wetland and diverting two streams during the construction. By Sunoco's own admission, the wetland mapping for this route was conducted via "desktop review" rather than field studies.

Residents adjacent to HDD290 have dealt with flooding and standing water in their back yards since drilling first began at this site, resulting in the loss of trees. With construction suspended, the ground has begun to return to its normal state. Sunoco has taken no steps to remediate these water issues or address the potential for further impacts to groundwater or private property if construction is permitted to resume.

I would also reinforce the many concerns expressed by my constituents during the public hearing on June 16, 2021, and throughout this public comment process, over the continuing damage and disruption this project has caused. The reroute requirement is a direct result of Sunoco's repeated failure to operate safely at HDD290. Why would we expect this time to be any different?

The latest proposed reroute may be the most convenient and profitable for Sunoco, but the applicant has provided no evidence to demonstrate that it offers the least impact to the surrounding environment, neighboring private properties or state park lands, or the waters of the Commonwealth.

The people of Pennsylvania have a constitutional right to “clean air, pure water, and to the preservation of the natural, scenic, historic and esthetic values of the environment.” It is the DEP’s job to protect those natural resources from pollution, not to maximize profits or ease the path of a multi-billion-dollar corporation.

The citizens of Pennsylvania cannot continue to bear the consequences of Sunoco’s careless and negligent operation.

Thank you again for the opportunity to comment. (44)  
Letter – [Danielle Friel Otten, PA Representative, 155<sup>th</sup> District](#)

### **Response**

Thank you for your comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. See Response to Comment # 37. This was one of the first technical comments made after receiving the initial permit amendment request.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

### **39. Comment**

I’m writing today to submit a comment on the upcoming hearing regarding possible amendments to the SPLP work near Marsh Creek Lake. It’s not clear to me what these amendments are and if they’ll lessen risk to the lake and local environment (such as the issues the region previously encountered due to the project), but regardless, my opinion is that the SPLP should be run no where near the lake at all. I’d love personally to see the entire project cancelled, frankly, as I feel the level of risk to the environment and local water supplies is just too great. We should be investing in cleaner energy solutions instead of continuing to risk our precious land and water supply with an unrenewable resource like oil.

So that’s my opinion. Instead of considering a simple amendment, cancel the entire project altogether and invest in clean technology that is sustainable and lower risk.

Thanks for opening this up to comments. I appreciate the opportunity. (45)

### **Response**

The Department acknowledges the commentator’s comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.



#### **40. Comment**

Any project whose name always appears after an adjective like “problem plagued,” especially one which has already had “numerous violations including more than 159 leaks of drilling mud” including a spill in which “8,000 gallons of mud polluted a vital 535-acre lake, one of the most heavily visited parks in the state of PA” should be kept as far away from that same lake as possible. One-mile sounds perfectly reasonable. End of story. (46)

#### **Response**

The Department acknowledges the commentator’s comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

#### **41. Comment**

Regarding the Mariner East 2 Marsh Creek section, I am completely opposed to the pipeline, but if it is to continue construction, I believe it would be best to reroute to the location by the turnpike, to provide the least environmental impact. There has been so much irreparable damage to land and water already from this pipeline. Please let’s not give them another chance to prove us right, to the detriment of our present and future enjoyment of our water and land. Thanks for your time and consideration. (47)

#### **Response**

Thank you for your comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

#### **42. Comment**

My daughter’s family lives on property adjacent to Marsh Creek State Park. They enjoy kayaking on the lake. The pipeline blast zone includes her neighborhood. Her daughters are 5 and 8. No parents or grandparents should have to worry about living in a blast zone! No pipeline should put residences in a blast zone! Their elementary school is also in the blast zone, with the pipeline running right by Shamona Creek Elementary School. They are told they must run away in the event of a leak if they know in time. No engines on cars or buses should be turned on, as it could result in an explosion.

This pipeline also runs down Boot Rd. in front of the Giant grocery store where my daughter-in-law works, and a senior living building and neighborhood. Again, all of that shopping center and all of those residences are in the blast zone.

And why? So this liquid, hazardous mix can be sent to the coast to be shipped over seas to make plastics!! How is that considered a public utility? What is the benefit to us?

How horrible to allow this danger to our residents in Chester and Delaware Counties just so the fossil fuel companies can make more plastic, which is in itself a terrible thing! This pipeline has already caused dangerous sinkholes, contaminated people's wells, gone through people's backyards separating their houses from their sheds, lowered property values, etc. It causes many residents much worry and sleepless nights. Why? It's your job to keep us safe!! PLEASE shut this pipeline down! (48)

#### **Response**

Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC). Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

#### **43. Comment**

The Mariner East Pipeline has been a nightmare for local residents from beginning to end. The use of eminent domain to seize land for this project has marginalized landowners, homeowners, and local indigenous populations. The blatant disregard for the safety of local residents, indicated by the occurrence of sinkholes and methane leaks, especially without proper notification of the community and regulating bodies, is proof positive that the developers responsible for overseeing this project are criminally negligent. The lack of action to involve local community members in the decision-making process and to keep them informed throughout indicates that the developers of this project hold no regard for the impact of their activities on the local community or environment. Water is life and risking our natural bodies of water is unconscionable when the developers in question have shown themselves to be entirely untrustworthy in protecting the health, safety, or environment of our local community. (49)

#### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

#### **44. Comment**

Thank you for providing the opportunity to comment on the "Mariner East Pipeline." My husband, Peter Yeksigian and I (Jane M Yeksigian) fully support this effort which is essential to energy independence, cost controls, and a crucial economic support vis-a-vis the employment of workers in our state. We are in favor of this pipeline provided the essential oversight provided by the DEP is fully deployed. That means you, our agent(s) for safety have rigorous risk and management systems in place to ensure environmental and production efforts are established. It should not be a question of why, but a question of "how". Thank you for your time. (50)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**45. Comment**

My name is Ananya Rai, and I'm a lifelong resident of Wyomissing, Pennsylvania. SPLP's release of 8,000 gallons of drilling fluid is a mistake that shouldn't ever be repeated, which is why I am in favor of their major amendment change. Protecting our wildlife, including Blue Marsh, should always be a priority. When we have the opportunity to make sure our environment is more protected, we should always take it. The pipeline's current route does the opposite of this- it allows for more mistakes where drilling fluid can be released into our wildlife. Though the amendment change might complicate the drilling process, it's necessary to help keep Pennsylvania beautiful. (51)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**46. Comment**

I encourage the Pennsylvania Department of Environmental Protection to reject Energy Transfer/Sunoco's request to change the installation method and route of a portion of the Mariner East 2 pipeline in Upper Uwchlan Township, Chester County.

Energy Transfer claims without apparent merit that their engineers and environmental consultants evaluated many options to develop the best overall method that maximizes public and environmental safety for this portion of pipeline installation. They are proposing to direct construction away from Marsh Creek Lake. But the real issue is the poorly facilitated use of horizontal directional drilling that earlier caused "inadvertent" returns of drilling mud. The 16-inch Mariner East 2X pipeline has already been installed in this area and I don't believe that they ought to disrupt more land when they could use the original route near the lake without using HDD.

The incompetence of the planning and engineering used by the Mariner Pipeline consortium is evident and the original route is preferable to mucking up another portion of the area. Use the original route and do it right without going cheap by using HDD to lay the pipe. (52)

**Response**

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and

infrastructure facilities related to roadways and utilities. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

#### **47. Comment**

I am writing to ask that you reject Sunoco's permit modification request to allow open cut install of the pipeline near Marsh Creek unless suitable plans can be made public by Sunoco demonstrating how they will mitigate damage from runoff to the surrounding area and lake. If no suitable options are available, however costly or unreasonable by their standards, please reject this proposal.

Sunoco has already done serious damage to the Chester County region people people's health in direct harm. The damage they have already done to Marsh Creek shows their arrogance and lack of competence at completing their work. Any further attempts to change permits or plans should be met with heightened scrutiny and the strictest standards in place for safety and environmental impact. (53)

#### **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

#### **48. Comment**

I am sharing below my letter of August 12, 2020 with you sent to the Upper Uwchlan Township Supervisors and copied to other governmental representatives for our area regarding the Mariner East 2 Pipeline in Chester County as a part of my testimony for your request on comments for the Amendment Applications for Mariner East 2 Pipeline, Chester County. My letter makes clear that DEP should not allow this pipeline to come anywhere close to Marsh Creek Lake again and that I firmly believe never, ever should have been allowed to in the first place. Allowing this project to proceed in any manner will prove to be a further dereliction of duty as stated within your own Mission Statement: "The Department of Environmental Protection's mission is to protect Pennsylvania's air, land and water from pollution and to provide for the health and safety of its citizens through a cleaner environment. We will work as partners with individuals, organizations, governments and businesses to prevent pollution and restore our natural resources." You know this, I know this, and thousands and thousands of our fellow Pennsylvanians from across this Commonwealth who have also been negatively impacted by permits provided by DEP to Sunoco for the construction of this ill conceived, carelessly approved and inadequately enforced Mariner East 2 Pipeline, to be true.

Despite the reportedly hundreds of notices of violations and millions of dollars of fines, Sunoco's deep pockets and total lack of care and concern for the environment and personal safety has been demonstrated time and time again throughout Pennsylvania. Months and months after their negligence in polluting Marsh Creek Lake I am not aware of any mitigation efforts to correct their errors and clean this Pennsylvania State Park lake. I, for one, have no confidence in their ability to do so correctly, even if they tried. I implore you to truly align yourselves with your own Mission Statement in the decision you have before you, and short of pulling all permits on this project and shutting it down permanently, make absolutely certain that Sunoco is required to re-route their pipelines as far away from Marsh Creek Lake as possible. I also ask that you read the letter to my Township Supervisors closely regarding the lack of any kind of safety plan for notification and evacuation from our neighborhood (Heron Hill Drive), the Marsh Harbor neighborhood as well as all of the guests and visitors to the State Park should a pipeline explosion occur once high pressured material is forced through these pipes, if incomprehensibly allowed to operate in this location. The pipeline currently crosses Park Road just south of the PA Turnpike and Park Road is the only entrance into and out of the communities stated above as well as visitors to the State Park. My request for a plan has yet to materialize despite assurances it would be forthcoming. I call upon the DEP decision makers to acknowledge the disastrous public safety and environmental impact Sunoco has continually caused across our Commonwealth with this project and take swift action through the power entrusted to you to put an end to this treacherous nightmare inflicted upon our environment and your fellow citizens. I thank you for soliciting and accepting testimony in this very important matter.

Dear Upper Uwchlan Township Supervisors,

As a township resident I would like to know if each of you can be counted on to raise your voices to Governor Wolf and DEP to pull the Mariner East Permits immediately and shut it down permanently.

I am a resident on Heron Hill Drive which is part of the last neighborhood before you enter the Park Road entrance to the State Park. Given the dismal failures of Sunoco with this pipeline, years in the making and well documented, I have another question for each of you. If this intolerable pipeline project should somehow be allowed to move forward what exactly is the safety plan for notification and evacuation for our neighborhood, the Marsh Harbor neighborhood across the street from us, residents of homes along Park Road leading into the State Park as well as all of the guests and visitors to the State Park should a pipeline explosion occur in our vicinity (as you know the pipeline crosses Park Road just south of the Turnpike) once high pressured material is forced through these pipes. Park Road is our only entrance into and out of our community. In essence all of us will be stranded. To date, I am not aware of any plan for safe notification and evacuation being communicated to our community. How such an important oversight could have (been allowed) to occur illustrates just one more reason why this pipeline needs to be shut down immediately and permanently. If there is a plan in place, please do forward it to me.

My wife and I have resided here for nearly 30 years now and raised three children each educated by the Downingtown Public School District. We love our community and in fact rebuilt our home 18 years ago after a lightning strike totally destroyed it and all of our belongings due to our commitment for our neighbors and community. We have been devastated by the years long negative impact Sunoco has been allowed to inflict not only on our community but communities throughout this Commonwealth. Seeing the treasured Marsh Creek Lake polluted by Sunoco, which was entirely predictable, is sad beyond belief.

We need your help now; we need your voice now. Will you represent your community and stand up and be heard for what you believe and communicate it clearly and immediately to Governor Wolf, DEP and all of your Township residents? Where do you stand? (54)

**Response**

Thank you for your comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).

Also see the Response to Comment # 37 above. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**49. Comment**

No matter what sunoco claims to be "safer, improved" re routing, none of these changes can be seen as positive. It's only one more deflection, used as a tool to wear this ongoing battle down. This project needs to be shut down, disappeared. Continual negotiations ended. (55)

**Response**

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

**50. Comment**

Considering all the issues I am disheartened that the permit has not been pulled. There has been a constant flagrant inability to abide by rules and guidelines. I vehemently oppose the reroute on Hoffman Circle which impacts- to the doorstep my neighbor's home. It crosses the turnpike twice and will impact emergency vehicle routes in and out of Hoffman Circle. There has to be a limit to resident disruption. Our administration has allowed illegal activity to continue- filling wetlands with grout, not notifying residents,

harmful discharges into creeks and reservoir. Please do your job as watchdogs for our environment and its residents. (56)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

**51. Comment**

I am unable to attend the public hearing live. Please accept my written comments instead.

Please deny any and all new permits for Sunoco/Energy Transfer regarding Mariner East.

For over 5 years, they have proven time and time again that they can not successfully complete this dangerous project without egregious contamination of our clean water, a violation of the Pa Constitution (Article 1, Section 27).

The DEP's own mission statement is: "The Department of Environmental Protection's mission is to protect Pennsylvania's air, land and water from pollution and to provide for the health and safety of its citizens through a cleaner environment. We will work as partners with individuals, organizations, governments and businesses to prevent pollution and restore our natural resources." It is abundantly clear that Sunoco/ET is NOT a community partner.

Marsh Creek Lake is still contaminated and being polluted by the 2020 spill. It is a critical drinking reservoir for Chester County, and even Wilmington, DE. It would be reckless to issue new permits surrounding this Lake. Thank you. (57)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**52. Comment**

Please accept the following as public comment for the hearing the DEP is conducting on June 16th concerning Sunoco's planned re-route for pipeline construction at Marsh Creek Lake.

As a long time, resident of Chester County, I can't use language forcefully enough to communicate how essential Marsh Creek Lake is to our community. The Lake serves as critical reservoir of fresh drinking water for our population, is a source of enormous pleasure and recreation, and is home to a thriving ecosystem of plant and animal life.

Sunoco's massive spill of drilling mud into the Lake last August continues to seep out along the banks of the lake, causing continuing pollution. This. Is. Unacceptable.

Now the same company is continuing to put our community at risk by disregarding the DEP's own proposed re-route without sending any personnel to evaluate the new route on the ground. A "desk-top" review is a slap in the face and is no way for business of this magnitude and impact to be conducted. It's clear this is an operator that has zero interest in acting in the best interest of the public or public safety. At a bare minimum the DEP should order Sunoco to do a full field evaluation of the proposed re-route, including geophysical testing.

Not doing so is to invite more harm to our community. In the face of inaction, residents will have no other recourse but to take their own actions to protect Marsh Creek Lake and their clean drinking water.

Thank you for taking these concerns seriously. (58)

### **Response**

Thank you for your comments. See Response to Comment # 37 above. The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.



**53. Comment**

Please deny any and all new permits for Sunoco/Energy Transfer regarding Mariner East.

This has proven to be an incredibly dangerous project for over 5 years, with the contamination of our clean water.

Isn't the DEP supposed to protect Pennsylvania's air, land and water from pollution and to provide for the health and safety of its citizens through a cleaner environment!?

Sunoco/ET is a danger to our community, they continue to harm us time and time again.

Please, for the health and well being of our environment and its inhabitants, deny, deny, deny all permits. (59)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**54. Comment**

Do the right thing with any power you hold.

And that's do your best to stop this criminal enterprise from ruining our lives, lands, creeks, streams, land, etc from any further damage. Damage that can not be undone. (60)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**55. Comment**

I want to submit a public comment about the proposed new route for the ME.

In June, I am moving into a house we recently bought in West Bradford township. A big reason we are leaving congested DelCo for this region of ChesCo was the beautiful open space and parks, including breath taking Marsh Creek park, where we hope to kayak frequently. In researching our new community, I learned all about the ME pipeline and I am appalled that it was ever green lighted.

I am opposed to the pipeline being continued at all. The whole project infuriates me to an extent that wouldn't be appropriate to express here. It is a tremendous blight on the community which was thrust upon it with no input from the community regarding how it would affect their health and well being. I hope that by receiving input now, you will be

in a position to stand up for the health of our residents and the health of the natural spaces we cherish.

Regarding the proposed reroute, it certainly was the right call to ensure that ME does not run under Marsh Creek, saving it from further damage (though the damage done had still not been rehabbed sufficiently). But rerouting it will only disturb more green space and wetlands and will likely cause more spills of drilling mud. ETPs proposed reroute is still super close to waters that feed the lake. Marsh Creek lake is a community water source. Residents in this area have wells. My new home will have a well. These people are responsible for their own water's safety, for their own health. The pipeline is externalizing costs on to every-day people. Costs they never signed up for or agreed to.

The community is being blighted with noise and contaminants. In West Goshen, there was recently a propane leak from a pumping station, near the ChesCo Library there have been massive sink holes.

People invest their life savings into their homes, and this pipeline is ruining their safety, peace of mind, water quality, and property values. And for what? So a private company can make profit shipping products to another country, where it will be made into close to a billion plastic bottles a day.\* It strikes me as profoundly un-American and a violation of personal freedoms and personal property rights that eminent domain is being claimed for a project that is by no means a public good or public utility. It's the opposite. The company ad hoc added some propane distributing aspects to the pipeline-- which as far as I've seen, there is very little information on -- for the purpose of appearing to be a utility. But the project had always been conceived as a means to profit off of fracking materials by producing plastic. The world and PA do not need more single use plastic. It is getting into our food chains, disrupting our hormones and smothering the environment in waste. Pennsylvanians are ingesting a credit cards worth of plastic every week, bc of water contamination.\*\*

All of this would be bad enough without even delving into the safety issues at hand with the ME. The ME is a literal ticking time bomb of invisible, odorless, highly flammable gas running through populated areas. Emergency services are not equipped to notify everyone needed of a leak, or to respond to such an event. The pipeline runs under roads, parks, trails-- people could drive through or pass through a leak and ignite it without ever having been a resident who even received information about what to look for in a leak or how to respond. The recommended response by the way, is to run up wind on foot. How are people supposed to even know where that would be? And what if they are mobility impaired? Professional assessments have concluded that a leak ignition would be catastrophic.\*\*\*

I am hesitant now to recreate near Marsh Creek now. The pipeline runs under a Rd the leads into the park. How would I know if there was a leak before I drove through it? Do I really want to bring my kids there? Sure, the likelihood is low. but not 0 by any stretch, and if it did happen, we'd be toast.

There is no sane or moral explanation as to why this violation of our land and safety and rights is still ongoing, in the face of great community outcry and with no discernable benefit to the residents. It is purely power and money flexing at the expense of everyone else.

Please do the right thing and end the madness. You could go to bed at night knowing you righted a wrong and made a difference in the world. Thank you for your time.

\*<https://www.theguardian.com/us-news/2020/jan/27/pennsylvania-residents-mariner-east-pipelines-drinking-water-contamination?fbclid=IwAR1Cbfu0B8McjVQMjntWhbrJctoqtxmatFqg9o-XZLHnwLWSEa4OL5dhTFc>

\*\*<https://nextpittsburgh.com/latest-news/microplastics-are-found-in-100-of-pas-waterways-what-can-we-do/>

Articles regarding safety issues:\*\*\*

[https://www.google.com/amp/s/www.delcotimes.com/news/boyce-pipeline-leak-would-present-extreme-hazard-to-county/article\\_dbeced712-4d17-11ea-bbe9-db0bd24a725e.amp.html](https://www.google.com/amp/s/www.delcotimes.com/news/boyce-pipeline-leak-would-present-extreme-hazard-to-county/article_dbeced712-4d17-11ea-bbe9-db0bd24a725e.amp.html)

[https://www.google.com/amp/s/www.delcotimes.com/opinion/editorial-the-two-words-that-continue-to-haunt-mariner-east/article\\_2570ecc6-4e68-11ea-96f3-eb1186ecb51c.amp.html](https://www.google.com/amp/s/www.delcotimes.com/opinion/editorial-the-two-words-that-continue-to-haunt-mariner-east/article_2570ecc6-4e68-11ea-96f3-eb1186ecb51c.amp.html)

[https://www.delcotimes.com/opinion/guest-column-debunking-the-5-myths-of-the-mariner-east-pipeline/article\\_ffbeac30-f713-11e9-83a7-73520877acf0.html](https://www.delcotimes.com/opinion/guest-column-debunking-the-5-myths-of-the-mariner-east-pipeline/article_ffbeac30-f713-11e9-83a7-73520877acf0.html) (61)

## **Response**

Thank you for your comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance

requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).

**56. Comment**

I believe that Sunoco’s proposed plan for HDD drilling by Marsh Creek Lake would cause too much pollution. After looking at the proposed re-routes, I believe that the original “1.01 mile reroute alternative” is a safer choice than the one that Sunoco is proposing. (62)

**Response**

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

**57. Comment**

Sunoco is not healthy for Chester County. They are not honest in their dealings and not careful in their work. Please stop and mitigate all present work and deny all future work.

Marsh Creek permit:

- 1) Marsh Creek is a critical water reservoir. It’s already been contaminated once. Folks from Chester County down to Wilmington, DE rely on it for drinking water.
- 2) Article 1 Section 27 of the Pa constitution gives us the right to clean water. Sunoco is violating the constitution. (63)

**Response**

The Department acknowledges the commentator’s comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**58. Comment**

Sunoco's numerous incidents endanger the environment and public safety. The DEP's failure to enforce its own code is complicit and illegal conduct.

Article I Section 27 of the Pennsylvania constitution states: The people have a right to clean air, pure water, and to the preservation of the natural, scenic, historic and esthetic values of the environment. Pennsylvania's public natural resources are the common property of all the people, including generations yet to come. As trustee of these resources, the Commonwealth shall conserve and maintain them for the benefit of all the people. (64)

## **Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

## **59. Comment**

Marsh Creek Lake was the site of a terrible frac-out in August 2020 that resulted in the release of thousands of gallons of drilling fluid into Marsh Creek Lake. The lake is the heart of southeast Pennsylvania's most popular state park, it is a swimming area and a drinking-water source for the surrounding area, so the event was/is devastating.

Since August, the DEP has ordered a stop to construction at the site, and that a rerouting be created which does not affect Marsh Creek. One possible route (called hereon the First Alternative) had been considered - one that crosses only two small streams (which feed a pond, not Marsh Creek Lake), and it keeps the entire route far from the edge of the lake.

However, the company has now proposed a route that is more convenient and quicker to build, but that requires trenching through a wetland and diverting two streams - and, which is actually closer to Marsh Creek Lake than any of the 10 other routes the company claims to have evaluated.

Amazingly, Sunoco's own marketing materials show how close to the lake its proposed route lies!

This new route is unacceptable for many reasons, but, most importantly:

1. Sunoco failed to assess the impact the First Alternative would have on streams and compare that impact with the route it is proposing. The DEP should require the company to do that analysis.
2. Sunoco should be required to do a full field evaluation of the First Alternative, including geophysical testing. Thanks for considering my views.

I live in Delaware, but I am only a stonethrow from Marsh Creek Lake and other areas in nearby Pennsylvania which are impacted greatly by the Mariner East pipeline.

Water from Marsh Creek Lake runs into the Brandywine River, which provides drinking water to residents of Chester County. The Brandywine flows into the Christina River, and then into the Delaware Bay. Streams and rivers in the Brandywine-Christina Watershed provide 100 million gallons of drinking water to more than 500,000 people each day!

It is unacceptable for our irreplaceable, precious water to be frivolously tampered-with by a company whose only interest is in self-serving profits. (65)

**Response**

Thank you for your comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

**60. Comment**

I am in favor of this ongoing construction of the pipeline. This benefits not only the people of Pennsylvania, but I'm sure other parts of the country. My thoughts are this, please don't disappoint. I expect this project to be safe for all involved, including the environment. Thank You. (66)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**61. Comment**

This is a project I do not support, based on the environmental impact coupled with the fact that it ultimately produces plastic bottles. Do what is right. (67)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**62. Comment**

Please approve the proposed permit amendment requests from Sunoco for the Mariner East 2 Pipeline. It is time to get this pipeline finished and in use. (68)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**63. Comment**

I received information about the Mariner East 2 Pipeline in Chester County from congresswoman Chrissy Holihan. I object to the program. I lived in Marcus Hook, Pa for 8 years and lived in a town where the air was unhealthy due to Sunoco. I have written 3 histories about Sun Oil. I have also repeatedly told Arcadia Publishing to take my book "Images of America-Marcus Hook" out of print since I spent a year researching the history and working with Sun Oil to complete the book. The book now is in over 20 websites and I make no money on the book. Maybe this would be a good time to finally get the book taken out of print so that I can complete a book where I would earn some money. (69)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**64. Comment**

I am writing to oppose the new major permit amendment requests to reroute the Mariner East 2 Pipeline. While I understand the need for a pipeline to transfer fossil fuel products to areas that need them, this project is being built far too close to residential areas to make it safe. Unfortunately, Sunoco has a history of failures in its pipelines. The gasoline leak in Murrysville a few years ago caused evacuations of some local businesses and residents and could have been a major disaster if the gasoline spewing out of the pipeline like a geyser had caught fire. Sunoco must significantly improve its construction method to mitigate the possibility of leaks and still choose a route that does not put residential areas in danger. (70)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**65. Comment**

I am strongly opposed to the construction of the Mariner East 2 pipeline. The pipeline is routed through a densely occupied area, threading through neighborhoods, parks and behind schools and daycares. The construction has already caused major damage to folks' land and contaminated wells and drinking water - and once completed it will carry highly volatile materials within feet of homes and schools. It's a tragedy waiting to happen.

It's already been a disaster for our natural areas and wildlife; runoff and pollution has choked our streams and clouded Marsh Creek Lake. PA DEP seems determined to do as little as possible to protect these areas from damage and hold Sunoco accountable for what they've done to our gorgeous landscape and our communities.

Allowing this to continue is negligent. Please take action to permanently shut down this pipeline! It's not even one that benefits us Pennsylvanians by transporting natural gas; these materials will be shipped overseas to make plastic. There is no good to come out of any of this. (71)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**66. Comment**

Please do something about the pipeline that is polluting our land and drinking water in Chester County. (72)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**67. Comment**

I fully support Sunoco's amendment applications for both its Ch. 102, Erosion and Sediment Control, and Ch. 105, Water Obstruction and Encroachments, permits requesting to amend or change the route and installation method of the Mariner East 2 Pipeline at the location of HDD 290. Please approve these amendment applications quickly. (73)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.



**68. Comment**

We need it! (74)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**69. Comment**

Please allow this pipeline to be finished. Pipelines are the safest and least environmentally hazardous way to transport petroleum products. At this point in time all the work areas have been completed and restored to very beautiful land areas. The pipeline people have done a wonderful job. Let's let them finish so we can allow our state to be more prosperous and environmentally safe. (75)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**70. Comment**

Sunoco Pipeline LP, a subsidiary of Energy Transfer, submitted major permit amendment requests to reroute portions of the pipeline in Chester County and alter its installation methods for the project. I would like to express my dismay! If anything, we need to stop this type of energy development! We have a responsibility to the next generation. Please no more acquiescing to these polluters. (76)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**71. Comment**

My opinion, we will be needing oil and gas for years to come. These companies have spent millions to keep us supplied. I imagine they were given permits to build the pipeline. The time for objecting was before they started. I say let them finish it. (77)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**72. Comment**

I am strongly against the Mariner East 2 pipeline. The pipeline is having a devastating effect on wetlands, waterways, and wildlife. Already so many aquifers have been rendered dangerous to drink. Sunoco has lied over and over on permit applications and lied about the effect the pipeline has on the area. Permits were rushed through by the Pennsylvania DEP, and permissions given that shouldn't have been. Bribery and coercion have been documented by the Chester County DA. Please carefully review the evidence, and do not allow Sunoco/Energy Transfer to continue with this dangerous pipeline. (78)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**73. Comment**

Sunoco has been completely irresponsible and disrespectful of residents and the environment throughout the course of their Mariner East 2 Pipeline project. There obviously has to be changes made to their project construction and the oversight of it by DEP. Sunoco should also be more significantly fined and required to put additional funds into escrow to ensure better compliance with regulations. This is a total mess and Sunoco will not do anything different unless they are forced to. (79)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**74. Comment**

Deny the permit and make them clean up Marsh Creek. It is still polluted from Sunoco's spill. (80)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**75. Comment**

I am in favor of the Mariner 2 East Natural Gas Pipeline. While I was disappointed that 8000 gallons of drilling fluid spilled into Marsh Creek Lake, wetlands and two tributaries and subsequent ground subsidence occurred, it is not uncommon, even to expected, that projects of this size will have some acceptable environmental impacts, however as long as the Pennsylvania Department of Environmental Protection (DEP), as well as other

state and local agencies respond to these incidents, taking compliance and enforcement actions, and requiring mitigation, remediation, and restoration the area then the community will be served and the environment protected. (81)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**76. Comment**

On August 10, 2020, Sunoco spilled approximately 8,000 gallons of drilling fluid that impacted a wetland, two tributaries, and Marsh Creek Lake. On August 11, 2020, Sunoco experienced a subsidence at this same location.

Why would you let Sunoco attempt to ruin our world, hemisphere, country, state, county, township or environment again???? (82)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**77. Comment**

I fully support the mariner pipeline! Safest way to transport fuel!!! And it keeps trucks off the road! (83)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**78. Comment**

Sunoco's admendments application for mariner 2 pipeline in chester county must not be approved. No no no to reroutings & alterations to the installations. This project's impact on our environment, our homes & businesses is unsafe, & the potential for disasters. (84)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**79. Comment**

Get it done safety but also fast! It was a disgrace the delays which kept the construction in one little township for five years. Sunoco should meet the requirements, but not necessarily, make everyone happy. Sometimes that's not possible. (85)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**80. Comment**

Since has repeatedly shown their lack of oversight during the pipeline construction, I don't think any amendment should be granted. (86)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**81. Comment**

Good day. I am writing in support of the mariner pipeline. The pipeline is a cost-effective means of transport when compared to the alternative of tanker trucks. The benefit is the removal of hundreds of heavy trucks transporting hazardous materials on Pennsylvania highways. Heavy traffic, icy roads, crumbling bridges, potholes, haz mat trucks sharing the roads with school buses these are all reasons why i support the pipeline. (87)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**82. Comment**

I'm a registered Democrat in Chester county PA and I support the building of this pipeline. (88)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application.

**83. Comment**

This pipeline should be allowed. The environmental impact this pipeline line would cause, at this time looks like zero. There is empirical proof from the Keystone that points to the negative impact this shut down has on all the citizens of the United States.

Delivering fuel by other means, has an environmental, social, business, financial, and resident impact that dwarfs the impact of pipeline.

Do not repeat the mistake made in closing down the Keystone. Let's follow the science and be smart about this.

Politics have no business in this matter.

Politicians should step aside and let what is best for the citizens of this county, state and nation come first. (89)

**Response**

The Department acknowledges the commentator's comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**84. Comment**

I would like to suggest that if there is a 3rd construction incident involving our groundwater that local authorities halt this project until Sunoco gets control of its activities. It does not behoove their interests nor ours if damage is already being done when the project is not even finished. (90)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**85. Comment**

I fully support any and all changes that will help us have all the energy we need to have a thriving economy!! Pipeline yes! (91)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**86. Comment**

I fully support this pipeline and the modifications needed to make it work properly thru Chester County. It is the safest and most environmentally appropriate manner to transport energy. (92)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**87. Comment**

There are pipelines all over the country. Please let them finish the pipeline. Let's move on. We have a new president that we're being told over and over, that he's the president and let's move on. Same thing with the pipeline. Finish it. Let's move on. (93)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**88. Comment**

Due to global warming, it is highly imperative that the whole world remove fossil fuels from our energy use profiles and transition to clean energy sources such as wind and solar. This transition must be accomplished as soon as possible in every sector. Our planet cannot wait. (94)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**89. Comment**

The U.S. Department of Transportation data shows pipelines are the safest mode of energy transportation. Accidents are rare. According to the most recent numbers available, 99.999997% of gas and crude oil is moved safely through interstate transmission pipelines. Build the pipeline! (95)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**90. Comment**

I vote to approve the pipeline. The impact on the environment is much less than one tanker spill would be! (96)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**91. Comment**

This pipeline needs to get up and running as soon as possible. Whatever amendments Sunoco needs to have to finish this pipeline should be granted to them without further bureaucratic delays as long as it creates no new environmental hazards, which I don't expect it will. A pipeline is much better for the environment than the pollution created by having to haul it by truck or rail. The US is and can remain energy independent if it cooperates with energy companies and stops trying to block the use and distribution of fossil fuels. So, I'd appreciate a favorable and swift decision in this matter for the sake of our state and region. Thank you. (97)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**92. Comment**

I hope this project is allowed to be completed and provides the economy with much needed jobs. (98)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**93. Comment**

I am in support of the continued work to help restore Americans to a level of energy independence. With the many guidelines and hurdles out in place by the local, state, and govt levels it will be done safely and securing our environment and wildlife. I have visited the Alaska pipeline and seen this done well to benefit both man and nature effectively. (99)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township,

Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**94. Comment**

This entire project needs to be shut down. The amount of risk introduced to our community should have been enough for the project to never be approved in the first place. Ongoing changes that make it less and less safe, with more and more problems - sinkholes, leaks, the impact to the environment and our community should be sufficient to shut it down.

Sunoco is not acting in good faith. The end result is this is going to be a pipeline that puts our community at ongoing risk with no plan for what to do in the event of a leak. Shut it down. (100)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

**95. Comment**

We are against any changes proposed by Sunoco Pipeline LP, a subsidiary of Energy Transfer, to reroute portions of the pipeline in Chester County and alter its installation methods for the project that would increase the risk and degrade the safety of the pipeline for any Chester County residents. (101)

**Response**

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

**96. Comment**

I am writing to request that owners of pipelines carrying hazardous materials be required to provide emergency plans and monitoring equipment to local emergency response organizations such as police departments. These are the people who must be aware of leaks and must respond when there is a problem. Emergency response capability is essential for pipelines in close proximity to residences and other sensitive areas such as schools, where large numbers of people can be impacted and exposed to leaks.



A very recent example of the importance of emergency plan availability occurred on June 1, 2021 at the Boot Road pumping station in West Goshen Township, PA where there was a release of hydrocarbons inside the pump station facility. Energy Partners called local law enforcement (LLE) to inform them of the alarming leak detector and to recommend evacuation. Full details were reported here:

<https://patch.com/pennsylvania/westchester/hazmat-incident-boot-road-was-energy-transfer-vapor-release>

Local law enforcement should be educated in emergency response procedures and aware of the appropriate emergency plan, in advance of such an emergency. In the June 1 emergency, local law enforcement was dependent on initial notification and recommendations for immediate response by the pipeline operator. Energy Partners should be working with LLE before an emergency to assure awareness and to develop a working relationship to protect people.

It is also important that LEA be in a position to have sufficient information about a threat, such as the leak, to independently assess the hazard and determine the appropriateness of recommended emergency actions.

An excellent example of how such emergency preparedness successfully works is with nuclear power plants in the US, such as at Limerick and Peach Bottom. Emergency plans are not kept secret from local law enforcement but are shared with the stakeholders who will need to use them. Such plans may not be public information, in order to keep them secure (a stated concern of Energy Partners), however they are shared securely with the necessary emergency responders. Similar procedures should be in place for petroleum pipelines.

Please provide laws that require sharing of emergency preparedness plans and information, and that enable Local Law Enforcement to be adequately prepared and equipped to respond. (102)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).

**97. Comment**

Pipelines are by far the safest form of transportation for any fuel and present a much lower risk to the population than transport by truck or train. I am fully supportive of the Mariner East 2 pipeline. (103)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**98. Comment**

I am a lifelong resident of Chester County, Pennsylvania. I am writing to you to say that I am very against the major permit amendment requests from Pipeline LP, a subsidiary of Energy Transfer to reroute portions of the Mariner East 2 pipeline in Chester county and to alter the installation methods. It would be a huge detriment to the lives of my fellow community members and I. Please do not approve of it. (104)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**99. Comment**

Environmental damages from pipelines are well documented. Time and time again the materials extracted from the ground do more damage to our environment (which includes the humans that live amongst it) then they help us lazy humans. Now, think about this, fuel only helps the lazy. Keeping the pipeline will keep our kids lazy. Keeping the pipeline will enable the laziness and further the decline of our children who then grow to be lazy adults. Adults addicted to fuel, of the laziest beings in this Universe.

Now, go and Flush Down the Pipeline plans!!! Nobody will know it was you. Remember take a plunger.

End the East Mariner Pipeline. It does not pass the climate test. Our fisheries will be harmed. So much money from the taxpayers of this state will have been wasted on wildlife preserves and stream fish/ game management. So many illnesses occurs around a pipeline from cancers to contaminated steams to the always a fun time exploding pipe and toxic fumes. So, as you can see plainly, it becomes an old school "Not in my backyard" scenario.

But if the East Mariner pipeline project is approved, I'll bet all the money I have or will ever have that it will not go through a "rich" "well to do" area. You know exactly what I'm talking about, and if you don't. Wake the hell up! Thanks for reading in full. If you didn't, then piss off, your part of the problem. (105)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).

The effects of this project related to Federal Climate Change Policy fall outside of the Department's jurisdiction. See the Response to Comment # 8 on climate change above.

**100. Comment**

Plain and simple, we need the Pipeline. We don't need to be dependent on foreign countries. I don't think there is much more to say! I am so mad at this atrocity, as well as, his whole socialist agenda, everything he stands for. I absolutely know he is trying to take away our freedoms in every way. I think he is pure evil as well as all his cronies!!!! (84)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**101. Comment**

I strongly support the project. I'm am confident that the necessary protections will be provided. There are hundreds if not thousands of pipelines safely serving the nation and the world. Sadly, often it appears that projects are opposed just to delay them or to get them cancelled. (106)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**102. Comment**

We need the completion of this pipeline and I urgently request that you consider passing whatever is necessary to assure a free flow of oil. (107)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**103. Comment**

Our country's economic welfare depends on the safe, economical delivery of carbon based fuels. This improvement project supports jobs and the economy of Pennsylvania. (108)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**104. Comment**

It is my opinion that this pipeline provides jobs for Pennsylvanians and contributes positively to the economy of the State. These pipelines have run through the State with a near-perfect safety record. I approve of any amendments to the system that will impact PA in a positive way. (109)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**105. Comment**

Don't you EVER approve another pipeline through Chester County again. Those lying thugs from Energy Transfer have despoiled our neighborhoods, polluted our lakes and streams, and endangered our schools, libraries and communities, all so some jerks in Texas can get richer and we can ship natural gas to Scotland to be made into polluting plastic. What is the benefit to Pennsylvania and the local communities? Just disgusting. Never again! (110)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**106. Comment**

As a resident of Chester County, PA I want to express my displeasure at the construction of yet another fossil fuel pipeline. Our society, and by extension our governments at all

levels, must make a material effort to transition the nation's energy usage to sources that minimize ecological damage as much as possible. There are exactly zero safe pipelines on the planet; sooner or later, every single one leaks and causes irreparable harm to the land, flora, fauna, and people living in the area. I reject any proposal regarding pipelines that don't pertain specifically to shutting down and dismantling them. (111)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**107. Comment**

According to Energy Transfer's web site the Mariner II pipeline may employ up to 57,070 during construction but may only have "360 to 530 jobs supported annually at MHIC".

There is no mention of the other profits to major shareholders and who they and how much they stand to gain. Secondly, once the gas reaches Marcus Hook, who are the main purchasers of the gas? Where does it go? (domestic, overseas) and lastly what are the final uses or products from the gas? (112)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**108. Comment**

The pipeline needs to be stopped. Construction did affect the environment when 8000 gallons of drilling fluid was released into the marsh lake ecosystem. Now the amended pipeline installation will resort to open trench digging. Our environment has been threatened once by contaminant release. Stop this project now before another, more serious environmental catastrophe occurs with more severe consequences. We must stop sunoco now!!!! The government cannot support these abuses of our environment and must do their jobs to be stewards of our lands. (113)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much

higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

**109. Comment**

I think we need all the pipelines. Our country is full of pipelines. Otherwise you have trucks driving flammable material. I'm not sold on Sunoco; they have a very bad record. Not sure if you are old enough to remember, but they had disasters at their Philly refineries. We need pipelines, not sure we want Sunoco to build them. (114)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**110. Comment**

I have watched this pipeline move through Pennsylvania. I first heard of the plan to do so 7 to 8 years ago. While I have always been wary given its existing right of way. I have nonetheless believed that the extreme nature of its transformation called for a governmental renegotiation based on the extremely dangerous new cargo the company has proposed. Allowing odorless gases which are the same weight or heavier than air to be pumped close to heavily populated areas is suicidal. I bet management doesn't live close to these lines. Several years ago, I attended a hearing at the West Chester Court House regarding its proposed route. It was horrific. The hearing was for those responsible for the public buildings near the line to voice their distress. The seeming lack of human sensibility was nauseating. Knowingly, it's placed near schools, libraries and malls. One of the apartment complexes houses elderly people. For those in wheelchairs the only viable exits are elevators which would set off any leaked gas... Forget trying to alert a nurse if a child is smothering in the gas leak, phone and light switches can set it off. Don't try to leave by car. Your engine will set it off too. If you're lucky enough to be aware of it before you are over come, walking away from the site is the only option.

A substantial portion of the gas is ethane which won't rise off the ground since it is about the weight as air, it will be shipped overseas to make single use plastic bags. There are few more environmentally unfriendly products. Following ethane in this pipe is propane, which is heavier than air and thus, even more dangerous. To pump these gases under pressure 24/7/365 is unconscionable. At least a truck has a known smaller volume and can follow varying routes. It's manned! Homes, churches, retail, and educational interests are vulnerable continually.

The "new" old pipeline proposal around Marsh Creek indicates they have no intention of remediating the situation they have caused by continuing to drill through a broad Karst formation. The leak of drilling fluid occurred close to a Downingtown school. What is to protect them from a potential leak at a new seam created in that spot. The headmistress testified that there is only one exit from the building that's down into the valley next to the pipeline. It's a death trap.

I have been engaged in the monitoring of pipelines since my farm was threatened by the Commonwealth Pipeline. Immediately I was determined to follow these corporations to ground. When I was 20 years old, I was at home when my father was mortally injured by a propane gas explosion from a hot water heater. The sound was heard over five miles and it blew all the doors and windows of our garage. It took several seconds for the debris to fall to earth. My father wasn't aware of the gas' presence because, we have theorized, it has been exposed to concrete and the mercaptan had been compromised. It's called "Odor Fade" which occurs when gas leaks under ground and near concrete. People in the industry understand this. I consider this corporate hustle to be exactly that. I watched Energy Transfer Partners during the protest over the Dakota Access Pipeline. In the winter, they had no problem using water from heavy fire hoses against elderly women protecting their rights. To say I am against this pipeline is a major understatement. They should not only not be allowed to proceed; they should be convicted of crimes against all those people who are unfortunate enough to be in their way. I'm not happy with the government that has allowed buildings to be built close to this right of way and yet won't protect the citizens they have exposed due to their own actions. What a disgrace. (115)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).

The effects of this project related to Federal Climate Change Policy fall outside of the Department's jurisdiction. See the Response to Comment #8 on climate change above.

### **111. Comment**

It is past time to stop the development of fossil fuels including their delivery systems. Fossil fuels are bad for our planet, ecosystem and for us. Period. I urge you to pull the plug on any further development by Sunoco or anyone else of delivery systems for fossil fuels.

Please don't drag out the economy as a viable reason for expansion. There is plenty of money to be made on infrastructure and delivery for renewables. I and my planet thank you for your time and consideration. (116)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township,

Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

#### **112. Comment**

The pipeline is a safe, reliable and efficient way to move energy. We used to live in Aston Pa. and there are pipelines everywhere. We had a pipeline in our backyard at 39 Colonial Village Green! Never had a problem and sold the property with no problem. When anyone supports action to raise our energy costs, they are not thinking clearly. They don't realize being a net energy exporter gives us strength to fight the enemies of freedom around the world. Those "not in my backyard" whiners are stabbing liberty in the back. Let them move to Iran and get a look at the real world. Our President Biden is forcing us to support terrorism by reducing our energy independence. Check the price of gasoline!! If it doesn't go through a little pipeline it goes by rail, not the best way. Let's get the energy flowing and close that border!! 2200 Gypsies stopped at the border, head in the rectum Mr. Biden and Ms. Hullihan, what are you thinking? (117)

#### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

#### **113. Comment**

Marsh Creek is an important drinking water resource for a large population in our area. In addition, it serves as a popular place for recreation like boating, fishing and birdwatching. Sunoco has already fouled the water there last year in a massive spill of drilling mud that continues to plague the lake today. Sunoco's new plan brings the drilling even closer to the lake, rather than following the DEP's instruction to properly evaluate the original re-route like they were asked to do. Why didn't they give that re-route a full evaluation? The citizens of Chester county are tired of Sunoco running rough-shod over gems of our area like Marsh Creek lake. DEP should insist they follow their instructions and be required to do a full field evaluation of the original re-route including geophysical testing. Allowing them to bring the drilling and pipeline closer to the lake again risks this valuable resource! The route that is further from the lake should be given preference! (118)

#### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.



Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

#### **114. Comment**

I am opposed to this project, that can only cause future problems. I've been a witness to one of these pipelines failing. It allowed thousands of gallons of its product to spray up into the air and pollute the ground around it, it caused issues with the ground water and damaged the area of private property that the pipeline passed under. What good are these part time jobs. That while paying well only last a short period. I have a relative who worked on pipeline constructions. Greta money for a few months, then the job was moving into another state or was completed, no more job. Block this stupid pipeline. (119)

#### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

#### **115. Comment**

This is to inform you that we do not want the mariner East pipeline rerouted in Chester County, PA. In fact, we are extremely concerned about the recent problems that have arisen with pipelines/sink holes in general and especially in our area. They are not welcome here and we hope and request that for our health, safety, and environment you will not allow any further construction or rerouting of pipeline in Chester County. There are also many wetlands, waterways, natural areas, and wildlife species here that would be adversely affected with the proposed pipeline project. (120)

#### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure

facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).

**116. Comment**

I am in favor of the Mariner East 2 Pipeline. A modern society needs modern infrastructure. (121)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**117. Comment**

Please do not allow the completion of the pipeline! It is unsafe and puts our communities at risk. The history of cutting corners and disregard for the citizens safety and wishes is downright disgusting. It is a disaster waiting to happen and everyone knows it. Please heed your constituents stop the pipeline! (122)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**118. Comment**

I support the construction of the Mariner East Pipeline and believe the state should allow the work to continue without interruption for this valuable piece of the nation's infrastructure. I believe the complaints being lodged are of the Not in My Backyard variety and part of an overall woke campaign being encouraged and abetted by the Democratic liberal machine. No further restrictions should be put on this project as it only delays the work and increases the construction costs. Construction such as this provides valuable and high paying jobs as well. (123)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**119. Comment**

Sunoco is building the Mariner East Pipeline because they think that it is a viable business proposition. It is essential that we do everything that we can to allow such businesses to work in Pennsylvania and the nation if we are to secure our energy future. I view the public reluctance to permit such projects with great concern. It is true that our regulatory organizations need to be as vigilant as ever as these projects progress. But it is also true that the projects are essential to preserving our way of life. For our lifetime natural gas, oil, propane and other energy gases will continue to be the major source of fuel for transportation and energy generation. Projections that we will all be driving electric cars by 2035 ignore the fact that if true, we will need to double our generation of electricity. This is a difficult problem but one that must be faced with reality as our guide, not wishful thinking. Build the pipeline. Watch over the construction carefully. Hold Sunoco responsible. (124)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**120. Comment**

I am in support of the Mariner East 2 pipeline, as it is critical to build out infrastructure to transport natural gas in the most economical and safe manner. (125)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**121. Comment**

I am writing to express my concern over the numerous safety violations and accidents occurring with the construction of the Mariner East 2 pipeline. Marsh Creek Lake is a premiere family recreational resource for Chester County, and it has already been endangered by runoff contamination. I fish in Marsh Creek lake and my wife has a seasonal kayak rental, so we are there all the time. I also fish in Valley Creek which has also been impacted by silt deposits from drilling accidents and ineffective remediation.

The DEP must hold Sunoco accountable to the letter of every regulation during construction to avoid more negative environmental consequences. Since the pipeline will carry many different types of volatile heavier-than-air compounds close to homes and schools, are we waiting for a disaster to occur before effective enforcement is taken? I am tired of hearing about "thoughts and prayers" after a disaster. Let's have some analysis and action in advance to prevent them from happening. (126)

## **Response**

Thank you for your Comment. Sunoco is responsible to fully restore all impacts to regulated waters of this Commonwealth as a result of the pipeline installation. This includes full restoration of the impacts to Marsh Creek Lake, the streams tributary to Marsh Creek Lake, and the adjacent wetlands.

As part of a Consent Order and Agreement (CO&A) Sunoco/ET is entering into with DEP and DCNR, Sunoco/ET must, among other assessment, remediation and restoration measures it is required to undertake, remit \$4 million to the Commonwealth for natural resource damages to Marsh Creek Lake, including impacts on recreational activities at the Park as a result of the August 10, 2020 spill.

Regarding the possibility of an incident occurring once the pipeline is operational there are several agencies responsible for monitoring and managing active pipelines. The Pennsylvania Public Utility Commission (PA PUC) regulates safety standards for pipeline facilities and utilities engaged in the transportation of natural gas and other gas by pipeline. For this pipeline, the PA PUC is authorized to enforce federal safety standards as an agent for the U.S. Department of Transportation's Office of Pipeline Safety and the Pipeline and Hazardous Materials Safety Administration (PHMSA). In general, PHMSA's Office of Pipeline Safety or the PUC monitors operator compliance through field inspections of pipeline facilities and construction projects; inspections of operator management systems, procedures, and processes; and incident investigations. Any identified non-compliances and unsafe conditions are addressed through a variety of means. (see Title 49, Part 190, Subpart B "Enforcement" in the Code of Federal Regulations).

## **122. Comment**

There is little reason for residents living close to Mariner East to feel confident this pipeline is safe or will be safer based on the recent major permit amendment requests to reroute portions of the pipeline in Chester County. The project has been riddled with violations since construction started in 2017. The state Department of Environmental Protection's website lists 120 violation notices issued to Sunoco for this project to date, most of them for spills of drilling fluids that include unknown chemicals. Some spills were in residential areas, and others in areas designated as "exceptional value wetland." The project also led to sinkholes on residential properties and cracks in a highway.

Amid these risks, Sunoco has been less than candid with Pennsylvanians. A Public Utility Commission administrative law judge ruled in late April that the company failed to disclose the risks posed by a potential leak or rupture and was both "intentional" and "negligent" in response to local concerns.

Currently, it doesn't look as if Pennsylvania has control over a project that could have detrimental effects for large swaths of the Commonwealth. Rather than approve the pending major permit amendment requests to reroute portions of the pipeline in Chester County, the project should be terminated for the safety of Chester County's residents.  
(127)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**123. Comment**

Natural gas is both a much cleaner electricity fuel than coal, as well as a much-needed backup to shutdowns in solar and wind, which will frequently occur. We need natural gas for a sound transition, as well as insurance against blackouts. Finally, a pipeline is by far the safest mode of transportation.

We need the security of the pipeline. Don't let crazies run us into blackout territory.  
(128)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**124. Comment**

I grew up in Chester County and love it here. This pipeline has been a terrible thing. It polluted wells. It dug through the yards of residences, schools, shopping centers, senior living facilities, and more. All of these places are now in the blast zone and there is no safe way to escape an explosion. A grandmother who lives next to the pipeline told me her daughter would no longer allow her grandchildren to visit her because she now lives in a dangerous blast zone. My own daughter lives adjacent to Marsh Creek where the construction recently polluted the lake which her family uses for kayaking. Her daughters attend Shamona Creek Elementary which is in the blast zone of the pipeline. There is no reason for the pipeline. Are all these people's lives worth it just to send this liquid gas to the port to let it be shipped oversea to make into plastic!? We now have sink holes and roads collapsing in Chester County, too. It has undermined our safety in so many ways. It must be stopped! (48)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance

requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).

### **125. Comment**

I am deeply concerned about Sunoco's proposed route as an alternate to the original re-route. The latter has already been declared technically feasible by the pipeline operator and favored by the DEP. The original re-routes crosses only two small streams and is at a significant distance from Marsh Creek Lake unlike Sunoco's new proposed route which is quite close to the lake and the previous HDD site which caused the massive water pollution.

Sunoco should be required to perform a complete field evaluation including geophysical testing of the original re-route and not a cursory desktop review which is unacceptable. Expert mapping of the wetlands along the original re-route must be performed.

Considering the damage done from the previous attempt at HDD near Marsh Creek Lake the route furthest from the lake and the one that doesn't necessitate crossing streams that feed the lake should be the selected.

I have enjoyed hiking and photographing Marsh Creek Lake for many years and am concerned about any further damage resulting from the construction of ME 2. Drilling mud continues to seep out from along the banks. We cannot take this precious resource for granted but must carefully protect it from the effects of pipeline construction. Sunoco is only concerned about completing the pipeline construction as fast as possible with little regard for the effects on our environment. We must prevent them from causing any more damage. Their track record on our county has been truly dismal and we must not let this continue. (129)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

**126. Comment**

Gas pipelines are an extremely important part of our infrastructure and their installation and use should not be curtailed. Rules and regulations governing them should also be adhered to. (130)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**127. Comment**

I am offering Comment against approval of Sunoco's Mariner East 2 pipeline submission. My understanding is there have been 320+ drilling spills since 2017, releasing 405,990+ gallons into the environment! I have used Marsh Creek Park and been with people sailing and swimming in the lakes. I am concerned about the effects on me and my friends as well on the local flora and fauna, on property value and groundwater safety. It is also my understanding that many other pipeline projects are being abandoned due to a reduction in the price of plastic. (131)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**128. Comment**

I am very concerned about the safety and environmental impact of the Mariner East 2 pipeline. The alternative route that Sunoco is proposing is the wrong one. It goes too close to Marsh Creek Lake. It is far worse for the environment than the one that the DEP instructed Sunoco to consider but that the company refused to take seriously. Please insist that Sunoco follow the instructions from the DEP. (132)

**Response**

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).

#### **129. Comment**

I am writing to voice my concern about the Mariner East 2 Pipeline in Chester County. I am a current Chester County resident and I am also currently purchasing a property for my elderly mother to live in within Hershey's Mill. I am asking that PA DEP carefully and diligently review this project and their amendment requests because I know I, and other current residents, are afraid for the safety and well being of our loved ones in proximity to such a pipeline. What assurances is Sunoco providing your agency that they are holding safety to the highest standards on such a project? How is this going to affect the local environment?

Thank you for allowing our Comments and please hold Sunoco to account for our local populace and our environment. (133)

#### **Response**

Thank you for your comments and for taking the time to provide the Department your comments and opinions, they have been considered during our review of this application. The Department is satisfied that an in-depth analysis of the alternatives has been completed.

Regarding the possibility of an incident occurring once the pipeline is operational there are several agencies responsible for monitoring and managing active pipelines. The Pennsylvania Public Utility Commission (PA PUC) regulates safety standards for pipeline facilities and utilities engaged in the transportation of natural gas and other gas by pipeline. For this pipeline, the PA PUC is authorized to enforce federal safety standards as an agent for the U.S. Department of Transportation's Office of Pipeline Safety and the Pipeline and Hazardous Materials Safety Administration (PHMSA). In general, PHMSA's Office of Pipeline Safety or the PUC monitors operator compliance through field inspections of pipeline facilities and construction projects; inspections of operator management systems, procedures, and processes; and incident investigations. Any identified non-compliances and unsafe conditions are addressed through a variety of means. (see Title 49, Part 190, Subpart B "Enforcement" in the Code of Federal Regulations).

#### **130. Comment**

I approve to keep building the pipeline, it creates jobs. (134)

#### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township,



Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**131. Comment**

Time and time again Sunoco has engaged in practices that have harmed this community and its environment. "You'll never know we're here," they told local residents when this project started. Since then, this community has experienced sinkholes, subsidence, loss of privacy (for those who live on the easement), intimidation at the hands of Sunoco's agents and contractors, intense noise pollution (particularly trying during the pandemic, when children were trying to focus on virtual school and adults had to work from home), massive spills into local waterways, and countless other problems.

So far, the penalties that Sunoco has endured have been some minor delays and a few small fines—nothing to stop them from continuing to cause problems.

They've had plenty of time to do this project safely and according to their original guidelines. How many more mistakes will they be allowed to make? How much longer will they get to traumatize this community and our environment for a project that will not even bring significant rewards to Chester County or Pennsylvania?

Enough is enough. Please reject their amendment applications. Thank you for your time. (135)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**132. Comment**

I am writing in regard to the amended applications for Mariner East 2 pipeline. I was shocked and saddened to hear and see images of the fuel contamination to the wetlands around Marsh Creek. Can you please send me the specifics on how the pipeline will be redesigned? It should not be anywhere near bodies of water - including wetlands! We cannot drink oil and natural gas. Water protection has to be a priority. (136)

**Response**

On August 10, 2020, during the reaming stage of the borehole for Sunoco's 20-inch pipeline at HDD 290, approximately 7,712 gallons of drilling fluids/mud surfaced in Wetland WL-17 and Streams S-H10 and S-H11 in what is termed as an "Inadvertent Return" (IR). The drilling mud then discharged into Wetland WL-17, Streams S-H10 and S-H11, and then carried downstream to Ranger Cove in Marsh Creek Lake, all Waters of the Commonwealth.

All relevant permit documents are available on the project web page:  
<https://www.dep.pa.gov/About/Regional/SoutheastRegion/Community%20Information/Pages/Marsh-Creek-Lake-HDD-290.aspx>

Also see the Response to Comment #37.

### **133. Comment**

Would you please acknowledge that you received this email?

We are writing to express concerns we have regarding the re-route of Sunoco Mariner East 2 Pipeline.

We are the homeowners and reside at 101 Hoffman Circle in Upper Uwchlan Township, Chester County, PA.

We understand the transportation of gases and hazardous liquids through a pipeline, according to the NTSB, is generally safer than transporting them via truck or freight/cargo trains.

However, this understanding is only valid if the pipeline is built with integrity under manufacturing and construction best practices and standards. However, we are not confident that Sunoco has demonstrated integrity sufficiently enough in regard to the construction of Mariner 2 Pipeline and therefore are adamantly opposed to a pipeline at our front door (literally).

We do agree with Sunoco's choice of the Option 4 reroute as outlined in Sunoco's amendment request for Sunoco Pipeline LP – Pennsylvania Pipeline Project (Mariner East II) Chapter 105 Permit No. E15-862 – Major Amendment as it will have the least adverse impact on environmental resources and the human environment.

We adamantly OPPOSE the 1.01-mile Reroute Alternative to the original HDD drilling near Marsh Creek Lake.

Our concerns about the 1.01 reroute alternative fall into several categories:

1. The 1.01 re-route path enters significantly and untenably onto our property - From the plan drawings (Figure 7 - Appendix A, Alternative Analysis: Figures) the permanent easement would come within approximately 3-5 feet of our front walkway and front door which would eliminate use of the front entrance to our house during construction. Additionally, we would have no privacy in our own home during construction or during pipeline ongoing maintenance and future repairs.
2. Damage to our property's infrastructure - Based on the diagram of the pipeline path onto our property, it comes perilously close to our main public water line coming into the house and our cable line. Additionally, we have an on lot septic system. It also is dangerously close to the foundation of the house. We feel the

potential for damage would be high on our property's infrastructure from the vibrations of heavy equipment digging/drilling on and in close proximity to our property. Additionally, there is a drainage ditch on both the east and south boundaries of our property which channels storm water runoff from Milford Road into a drainage culvert on the southern boundary of our property which drains the water under Hoffman Circle. During construction, this ditch will most likely be blocked/obstructed and should we have rain there is potential for flooding into our house.

3. Direct Negative Impact on Our Health - We currently have landscaped our front yard with trees and bushes that break the view and sound from the turnpike (and soon to be constructed emergency ramp) and mitigates the hazardous particulate pollutants from turnpike traffic. A pipeline's permanent easement would preclude us from having this landscape and hence negatively affect our health and well being.
4. Safety- a pipeline literally right at our front door, is a major safety risk should it develop a leak or other hazardous event. We understand the probability of an incident is low, but the consequences are hugely adverse, if not catastrophic. Between 2002-2013 there were 3,376 significant adverse pipeline incidences in the U.S., involving 677 injuries, 165 fatalities with property damage costs of \$5,610,677,452.00. Every pipeline comes with certain risks of failure. (Source - PHMSA Significant Incident Files April 1, 2014). Additionally, emergency vehicles would most likely face insurmountable obstacles trying to access Hoffman Circle in the event of a hazardous event involving the pipeline further jeopardizing our safety.
5. Environmental Concerns- the 1.01 reroute of the pipeline has greater impact on wetlands, waterbodies, and forested resources than Option 4.

While we don't have a great affinity for pipelines, we understand their unfortunate necessity given today's way of life. However, we are asking that the PA DEP regulate the construction of pipelines in a way that has the least adverse impact on environmental resources and the human environment and that they are constructed safely.

We believe that Option 4 meets or comes very close to achieving this and support Sunoco's recommendation of this option.

We adamantly OPPOSE the 1.01-mile Alternative Reroute as we believe this has far too great an adverse impact on 1.01 miles of previously unaffected environmental resources and human environment. (137)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Various open trench alignments were considered and while the preferred alternate (identified as Option 4C in the alternatives analysis) does directly impact waters of the

commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

All relevant permit documents are available on the project web page:

<https://www.dep.pa.gov/About/Regional/SoutheastRegion/Community%20Information/Pages/Marsh-Creek-Lake-HDD-290.aspx>

#### **134. Comment**

I am writing to the DEP to advise of my concern regarding Sunoco's Marsh Creek proposed change. It goes without saying that the Mariner East pipeline has been riddled with incompetence. My concern is rooted in the safety of residents and concern for the ongoing harm to the environment here in PA. Whether it's inadvertent returns, leaks or sink holes, we the people have raised our hands to ask the DEP and PUC for help in protecting citizens from safety and environmental degradation. To date, nothing has been done by those who are tasked to hold Sunoco accountable. The XL Keystone pipeline had the plug pulled after ten years by the energy company because they just couldn't make it work financially and or minus the environmental issues that came with it.

Marsh creek is a treasure of Chester County. So is the drinking water that is seemingly at stake here. So, by way of this email I would like members of the DEP to make the proper decision and pull the plug on this project period. (138)

#### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).

### **135. Comment**

Please do not let Sunoco move ahead with their revised plan for the Mariner East Pipeline. To my understanding, Sonoco still has not completed the cleanup from the spill of 8,000 gallons of drilling fluid into a tributary of Marsh Creek Lake. I understand the "new" route proposed by Sunoco for the is closer to the Marsh Creek Lake than the original route and crosses a wetland as well as two streams that feed into the lake.

Sonoco may not care about this beautiful lake used by so many people each year nor those who drink from the water in areas downstream from the lake, but many residents do care. Sunoco does not seem to care nothing about the environment surrounding their Mariner East Pipeline and is only focused on their bottom line.

Please do not approve of the revised plan Sunoco has submitted. Thank you for your consideration. (139)

### **Response**

Thank you for your Comments. All relevant permit documents are available on the project web page:

<https://www.dep.pa.gov/About/Regional/SoutheastRegion/Community%20Information/Pages/Marsh-Creek-Lake-HDD-290.aspx>

Also see Response to Comment # 37.

### **136. Comment**

I am writing to request that the Department of Environmental Protection deny Sunoco's request to open trench in the area of Marsh Creek Lake in order to install the Mariner East Pipeline.

The FIRST order of business for Sunoco before proceeding with any further construction on the pipeline should be to complete the restoration and clean up from the drilling fluid spill and sinkhole that was caused by them almost one year ago.

Open trenching in the area of Marsh Creek Lake will destroy land and habitat for many species of plant life and animals. Marsh Creek has many wetlands that will be impacted negatively by open trenching. I disagree with allowing Sunoco to install the pipeline by either HDD drilling or open trenching. They are both hazardous to the environment.

It's time for the Department of Environmental Protection to actually protect our environment and say NO to Sunoco's request. Thank you for your consideration. (140)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

**137. Comment**

As I understand it the drilling fluid that leaked into Marsh Creek was the mud that is used to lubricate the drill and there were no dead fish or wildlife as a result. This, in fact, is what farmers use in their fields. Are there issues other than this for the rerouting.

I have attempted to find a street map of where the pipeline was then planned and was not successful. When this new routing is decided I hope this map will be easily available to the public. Thanks. Always appreciate good information. (141)

**Response**

All relevant documents for this project are available at <https://www.dep.pa.gov/About/Regional/SoutheastRegion/Community%20Information/Pages/Marsh-Creek-Lake-HDD-290.aspx>

**138. Comment**

Mariner East Pipeline, Sunoco has already proven itself to be a poor citizen. Not only have they failed to completely clean up the fluid spill by Marsh Creek, they are now behaving like spoiled children. “Ok if you didn’t like what I was doing; I’ll do something worse.”

Let’s ensure that they behave like adults by denying the new route that moves the pipeline even closer to Marsh Creek, a valuable resource for the community. The new route destroys two wetland habitats as well.

No. No, until they come up with a route that is safe and environmentally sound. (142)

**Response**

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

**139. Comment**

Energy Transfer, Sunoco, and their affiliates have repeatedly demonstrated that they cannot operate safely. DEP has issued about 100 violations to the company for polluting high-value wetlands, waterways, and private wells. The incident from last August at Marsh Creek Lake should have been the end of them.

This project should be terminated in the interest of the health and safety of Pennsylvania, as is fully within the power of the DEP. Kind Regards. (143)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**140. Comment**

I'm writing to oppose further construction of the Mariner East 2 pipeline. This construction has already caused considerable environmental damage and has upset local residents. Expanding Pennsylvania's infrastructure to support the fossil gas industry is not in our best interest. It is dangerous to transport this material so close to residential areas and natural areas.

Pennsylvania should be investing in cleaner forms of energy and not increasing its fossil gas infrastructure.

I support canceling permits for the construction of the Mariner East 2 pipeline. Thank you. (144)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**141. Comment**

I am a resident of Upper Uwchlan township, a retired engineer and an active outdoorsman.

I have reviewed the information on the PA DEP website documenting the spill incident on the Mariner East 2 pipeline and the recovery plan and plan amendments.

It is apparent to me that the cause of the leak is well understood. The recovery plan appears to robust and I would have to rely on geological experts to determine if the future preventative measures are adequate. The amount of regulation and the associated paperwork appears to be more than adequate.

My Comment on the recovery plan is that I did not see the pipeline company and/or Sunoco requiring enhanced or additional management and supervisory oversight during drilling operations. This additional oversight would help ensure the revised plans and specifications are being met live time in the field prior to and during continued pipeline construction operations.

I have no issue with continued pipeline operations if they included additional management and supervisory oversight in the field. Thank you. (145)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**142. Comment**

I am against the Mariner East pipeline at Marsh Creek Lake HDD-290 for the following reasons.

The pipeline seems to have a Bad Environmental impact on all the land and waterways concerned. This effects the quality of life for the people and wildlife involved.

The proposed solution and route is a non-beneficial way to treat the land and waterways. I am against it until there can be guarantees that can prevent. Sinkholes, the ruining of water wells and all drinking water, elimination of big ugly barriers across the landscape.

It seems like the current technology is not able to ensure that the work can be done safely. (146)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

**143. Comment**

It has been clearly demonstrated that Sunoco does not have the technology for the available workforce to safely continue construction in the challenging and delicate area around Marsh Creek.

A dramatic re-routing, away from the Marsh Creek watershed, appears to be the only solution, short of project cancellation. (147)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township,



Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

#### **144. Comment**

As a representative of Pipeliners Local 798, I am writing to encourage the Pennsylvania Department of Environmental Protection to approve the continuation of construction on the Mariner East pipeline.

Since 1949, Pipeliners Local 798 has taken pride in our commitment to worker-safe, community-centered, and environmentally responsible construction. Our members' work on projects across 49 states have allowed pipelines to remain the safest means of transporting oil and gas and have enabled the United States to mature as a leading global energy producer and exporter. In turn, projects like the Mariner East pipeline create jobs and provides highly specialized skills training for thousands of domestic welders, helpers, and spacers whose work supports their families and enriches their communities.

None of these benefits are possible without a fair and efficient regulatory process that appropriately balances environmental concerns with economic imperatives. The open cut installation method proposed by Mariner East's operator is well-suited to Pennsylvania's geology and topography, and further construction of the pipeline would involve minimal environmental risk.

Pipeliners Local 798 has completed similar work elsewhere without incident, and there is little reason to believe that this project should be any different. Issues related to previously used installation methods, including horizontal directional drilling, are now a non-factor. Allowing consideration like these to affect future permitting decisions would be an injustice to workers across southern Pennsylvania.

Pipeline work employs thousands of Americans and fuels our country, and the Mariner East pipeline is a prime example of a project that has and will continue to generate far-reaching economic benefits. To delay construction any longer would harm not only workers and their communities, but our country as a whole.

Members of Pipeliners Local 798 are ready to continue work as soon as approval is granted. It is our hope that, in consideration of our concerns and those of other labor organizations, you will allow us to do so swiftly. (148)

#### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township,

Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**145. Comment**

We write to express our concern over the manner in which Sunoco has handled the spill in Marsh Creek. The spill of 8,000 gallons was bad enough of a problem, but when we learned that Sunoco still has not completed a safe and thorough clean-up of the spill, we were deeply concerned about the safety of Marsh Creek as a source of local drinking water, recreational boating, and home for much wild life.

We request that you hold Sunoco to account for the spill and to force Sunoco to complete its clean-up as a matter of urgency. (149)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**146. Comment**

Hello, my name is Adam Kapp and I am a resident of West Chester, PA. I wish to provide written Comment on the modifications to Mariner 2 East's HDD 290. I am vehemently opposed to any additional modifications to this pipeline, or any additional consideration being given to Energy Transfer Partners / Sunoco. This corporation has acted in bad faith throughout this project. They have already caused irreparable harm to Marsh Creek Lake, and many other locations throughout our fair commonwealth. They claim that this proposed change is for "safety," but it is clear that no route, no location is truly safe for this dangerous pipeline, which harms our natural environment, threatens our lives and property, and threatens the global community by resulting in additional fossil fuels being extracted. It is impossible to believe anything that ETP says at this point. When they say they will "exceed industry standards," that bar is apparently so low as to be meaningless. I can't overstate my opposition to this pipeline, and to this modification, and I hope and expect that the DEP will reject this request. (150)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

**147. Comment**

I am an Upper Uwchlan resident with over 40 years experience as a Federal Environmental Regulator specializing in cleanup of hazardous materials and natural disasters.

I have reviewed the options evaluated by Sunoco/Energy Transfer for completion of the Marsh Creek (HDD 290) segment of the ME2 Pipeline.

I believe the proposed option (open trench with minor reroute along Little Conestoga Road) is the most efficient and effective method for completing the Pipeline. I believe following the original route as closely as possible provides the highest degree of protection for human health/welfare and the environment. The rationale being in essence, 'the damage has been done' with respect to the originally approved HDD route. In addition, the proposed option requires the least linear feet of pipeline to complete the segment; and does not require additional PA Turnpike crossings.

I recommend PADEP provide (at Sunoco's expense) an inspector to conduct 100% oversight of Sunoco field activities during completion of this segment. An onsite presence by PADEP will ensure any anomaly during construction will be addressed immediately.

I recommend PADEP approve the route and construction method proposed by Sunoco in the permit modification requests. Thanks for your consideration. (151)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**148. Comment**

I attended the Virtual Public Hearing regarding Sunoco's proposed amendments on their Ch.102 and Ch.105 permits today, June 16, 2021. While I had planned on speaking my opposition to the DEP's acceptance of these proposed amendments my circumstances prevented me from doing so. As a result, I am providing my strong recommendation that these be rejected by the PA DEP in written form.

This Hearing was a learning experience for me. As it unfolded it became clear that all of the proponents essentially made the same statement, albeit worded slightly differently. All of the proponents spoke of "economic gains", a boon to the local and national economy, "local" and permanent job creation. I found it very interesting that some of those proponents came from as far away as Beaver County, PA (west of Pittsburgh), Louisiana and Texas. I also found it very interesting that individuals from so far away had enough interest to take the time to attend and speak at this Hearing. Hmmm. Even more interesting to me though was the same statements, though worded slightly differently, with the exact same "statistics" in some cases being spoken. Again, Hmmm. I

thought that this Hearing was about what is best for our environment and not what is best for the economy, which is an entirely separate discussion?

My opposition to their plan is based on Sunoco's shoddy work throughout this debacle and also based upon what I have seen my fellow neighbors endure as well as what I have observed as a lifelong outdoors enthusiast.

To further explain my perception of the shoddily performed work is easy. I reside in West Goshen township and my home lies well within the "blast zone" should there be a failure in the pipeline near me. I also live near (downhill) the pump station located near Boot road and Mary Jane Lane. In less than one year there have been two incidents at that location: during the Fall of 2020 there was an explosion (Sunoco called it a "Flare Up") of built up gas emissions at that pumping stations due to a pilot light going out. There was (and still is not) any warning system just a jarring BOOM in the middle of the night when that occurred. Much more recently, about 3 weeks ago, there was another incident at the same location that was labeled only as a "hazardous material" event. Again, there was no warning and I only found out about that the following morning. There remains no reasonable plan should a leak or rupture of these NGLs take place. Literally the only thing we have been told is to "run (don't drive) away! Great! What direction should I run? What should I do if I am physically unable to run duck and cover? This is where I am raising my family. Their safety and security are my number one priority and I stand fully committed to upholding that.

As for the proposal from Sunoco for rerouting at Marsh Creek that is simple. To consider allowing them to route the pipeline even CLOSER to Marsh Creek lake is preposterous. The damage done from the drilling mud discharge from last August, conservatively estimated at 8,000 gallons being leaked into the lake (arguably more) still remains. That part of the lake, almost a year later, is still closed off. While not ideal from a human recreational use standpoint that is secondary to the major impact this has had on Ranger cove in Marsh Creek Lake. That is one of two coves that are primary spawning areas used by fishes, aquatic insects, amphibians and reptiles within the entire lake. It is certainly the largest. The other is the smaller cove above Little Conestoga road. Since some years that cove is dry (when it had been a dry Spring/early Summer which can't be helped) one could argue that Ranger cove is the primary spawning area for much aquatic based wildlife in Marsh Creek lake. This is due to the relative shallowness of that cove, with an average depth of 4 feet, the abundance of aquatic vegetation as well as the benefit of cooler water coming in from the two streams feeding that cove...one of those being impacted by Sunoco's activity last August. As a 35+ year recreational user of Marsh Creek I can speak to the importance of safeguarding this fragile nursery further but I hope you get my point. The as yet uncleaned discharge from last August has settled to the bottom. This cannot be argued. In so doing any unhatched eggs or fry from warm water Summer spawning species of fish, invertebrates, reptiles and amphibians were doomed to suffocating under a layer of sediment. The same is true for anything unable to move past the plume of sediment that would eventually cause them to perish due to being unable to breathe. We are all stewards of the environment and as a resident and

outdoorsman who cares deeply for our wildlife who are unable to speak up for themselves I do so on their behalf.

Do not allow Sunoco to continue to pay their way through this. Do not allow them to make shortcuts so they can profit sooner at the expense of all of the local residents and all of the animals, great and small, who depend on a clean environment in order to simply have a chance to live. (152)

### **Response**

Thank you for your Comments. See Response to Comment # 37.

Location and siting of hazardous liquids pipelines falls under the purview of the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA). Safety and emergency planning and preparation and ongoing maintenance requirements and planning fall under the purview of the Pennsylvania Public Utility Commission (PUC).

### **149. Comment**

I listened to the Public Hearing last night. Sunoco lined up all of their speakers to give reasons why their proposal should be approved. First, they acted like they were speaking to the Dept. of Commerce and not the Dept. of Environmental Protection.

The majority of what they said had to do with economics and taking a route that would allow them to finish the project sooner.

I would ask why Sunoco only a desktop review of the original re-routed the DEP had suggested. Why are they not required to do a field evaluation of the re-route? Why are we allowing them the opportunity to use a route that would require trenching through a wetland and diverting two streams. This route is closer to Marsh Creek Lake than any of other routes proposed. Where will all this water go that is being diverted? Where will these open trenches be and how close to homeowner's property will it be?

One of your last callers last night lives next door to me. Chris Rupp talked about the water damage in his yard. We have lived in our home for 25 years. We never had any water issues till the drilling started. We have had water in our yard for the past 4-5 years. It is finally starting to dry up because they have not been allowed to do anything in the past few months. I could not cut grass in a 50 x 100 section of my property. I had to wear boots and walk in swamp like conditions to try and weed wack just to try and cut this section. Will this occur again if they divert the water?

We have already had a massive spill of drilling mud that has yet to be cleaned up. They should be required to finish cleaning up and remediation of the lake before these proceeds any further. Why take a chance on more problems for Marsh Creek Lake. This is a major source of water for a lot of the population. The suggested route is the furthest one away from Marsh Creek Lake. Obviously, Sunoco does not want to spend more time doing a field analysis and being told something that would lengthen the time to finish this project.

I agree with those who spoke against this alternative route Sunoco is proposing. Sunoco does not care about the environment and any problems they cause they only care about completion of this project. I know they are going to finish the project. I don't believe we can or should stop that. I do think the DEP must do what's best for the environment and the people that live in this area. The very least should be a full field evaluation of the original site and then make a decision. If that is done, I believe there would be little doubt that the original route DEP asked Sunoco to use would be right decision and impact the environment the least. Thank you. (153)

**Response**

Thank you for your Comments. See Response to Comment # 37.

**150. Comment**

Please accept this letter to express my concern as a citizen of Chester County, a veterinarian and advocate of nature for the amended proposal submitted by Sunoco Pipeline LP to change the installation method of the Mariner East 2 pipeline at the location known as HDD 290 near Marsh Creek State Park. Given already the two incidents resulting in inadvertent release of toxic drilling fluid into the vicinity I do not have the confidence that Sunoco can maintain its operation in accordance with PA DEP regulations and prevent contamination of the precious flora, fauna and waterways within the immediate vicinity. Marsh creek provides an important stop-off and breeding habitat for numerous birds, including waterfowl that depend on the health of the lake and surrounding environment. It is an important and well utilized place for outdoor recreation for residents and visitors to the area, a resource that was much desired during the Covid19 pandemic restricted periods. The health of humans is directly related and dependent on the health of natural populations of plants, insects, birds and mammals and as the effects of climate change and development put extreme pressure on these resources, I feel it is imperative the citizens, publicly funded individuals and especially elected officials serve as stewards of our land. This includes reducing our dependency on fossil fuel and transitioning to greener, more sustainable forms of energy. Sunoco has already demonstrated their lack of care and ability to protect the land very land they are granted to use, seemingly to value profit over safety and health of both humans and natural environments. They have betrayed our trust in their purported intention to act in the best interest of the county as well as the citizens and natural resources residing within it. Therefore, I express my concerns about this pipeline project and insist the permit amendments are rejected. (154)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

With regard to climate change, see the Response to Comment #8 above.

**151. Comment**

I am writing to express my concerns as a Chester County resident about the Mariner East 2 pipeline project.

Throughout the construction of this project, Chester County residents and local leaders have observed environmental impacts and questionable safety of pipeline construction through our county and local townships.

Impacts to residential properties, a leak of 10,000+ gallons of drilling fluid into one of our local water resources - Marsh Creek Lake - a drinking water source and lake enjoyed by recreational boaters, sinkholes in private yards and near the public library, grout discharged into local wetlands, families losing their access to clean, running water, etc. A wide range of far too many continuous harmful problems impacting both private and public property, wetlands and water resources since the project began.

The Mariner East 2 pipeline project has resulted in unacceptable, hazardous damage to our communities. Natural gas liquid infrastructure should never have been approved here, given the geological features of Chester County and Pennsylvania.

As you review Sunoco Pipeline's amendment requests, please consider that a highly volatile, liquid pipeline will never be safe, and the approval of this project running through our densely populated area should never have been approved. Decline Energy Transfer/Sunoco's requests to re-route and change installation methods, and work in collaboration with our local leaders, state representatives and Governor Wolf to completely shut down and end the construction of Mariner East 2 pipeline, protecting both the local waterways and wetlands, as well as local citizens. Thank you. (155)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**152. Comment**

I am writing to you to request that you do not permit Energy Transfer to use their preferred reroute at Marsh Creek Lake. They have shown that they plan poorly and are willing to risk another inadvertent return if it means completing the job more quickly and providing their stockholders a return on their investments.

Their preferred route will bring them closer to the lake. They will be traversing two streams and a wetland area, putting our waterways and personal wells at risk.

They claim to have carefully planned this new route step-by-step, but ET has a proven record of mistakes due to poor planning. I live in Meadowbrook Manor in Exton, where they are attempting to bore through the wetlands and under a stream. I was there on-site last night, as yet another sinkhole opened within feet of the active Mariner 1 line.

I have observed and been on site to witness and document many environmental infractions: sink holes, tons of grout poured into the wetland, and days and days of sediment filled run-off, because they could not properly filter the millions of gallons they are drawing from the water table each day.

It has been reported that only three core samples were taken between Route 30 and the library when they did their initial geophysical testing prior to starting the job. Had they truly done their homework; they would have realized that there were hard rock formations in the bore path. Their first attempt at drilling left them with a broken drill head. Their bore pit became an Olympic swimming pool. They had no idea how they were going to keep it dry and so they resorted to trial and error.

How can they claim to be careful planners when we see the direct results of their poor planning?

I listened carefully to the testimony at the hearing the other night. Those in support of Energy Transfer spoke of jobs created, workers going home to eat with their families, the need for Highly Volatile Liquid Gases, etc. No one was able to clarify why their re-route was necessary, or better, or less likely to cause environmental harm.

I kayak in Marsh Creek nearly every single morning at daybreak. I was one of the first people to arrive on the scene and photo document the extent of the spill. I am so disappointed that this section of the lake is still closed because an out-of-state corporation ran rough shod over my community.

I am asking that you stand firm with Energy Transfer and tell them “No! Not again! We don’t trust you!”. Energy Transfer has proven to be untrustworthy time and time again. Thank you. (156)

Attachment – [Libby Madarasz pictures](#)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.



Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

### **153. Comment**

In addition to participating in the hearing for the Mariner East Pipeline Wednesday, I wanted to submit the attached Comment for the record. As a former member of the Energy and Commerce Committee in Congress, I keenly follow a number of infrastructure projects across the nation and have even lent my voice to the debate in Pennsylvania through media and panel discussions across the state.

Please accept these Comments supporting the approval of the Chapter 102 & 105 permits under review.

Over four years have passed since the Mariner East 2 Pipeline broke ground and its developer is determined to finish the project in a safe and environmentally responsible manner.

Accordingly, Sunoco Pipeline LP would like to change the installation method from horizontal directional drilling (HDD) to open cut trench at one location, thereby, eliminating the potential for an inadvertent return. To move forward with the new plan, they have submitted two permit amendment requests-Chapter 102 Permit No. ESG0100015001 and Chapter 105 Permit No. E15-862. I would ask that you approve both amendment requests and continue Pennsylvania's strong track record of energy infrastructure investment.

The Keystone State has been blessed with an abundance of natural gas-production reached close to 7 trillion in 2019, according to the U.S. Energy Information Administration. This increased production served as a catalyst for a flourishing energy industry that now supports over 300,000 jobs and gives billions to the economy annually. Pennsylvania's environment has also emerged as a winner with the production boom enabling coal to be phased out in favor of natural gas and lowering the total carbon dioxide emissions in its power sector by 30 percent.

All is for naught, however, without a strong infrastructure system in place to transport energy resources reliably and efficiently to consumers and businesses. For that, pipelines like Mariner East fit the bill-they are the safest method to transport energy products, far better than tanker truck or rail. In fact, a Fraser Institute study found pipelines are 4.5 times safer than rail transportation where there is a greater chance of a spill that causes potential environmental damage.

Investing in pipeline infrastructure not only ensures safe energy transportation, but brings an economic boost once construction begins. Mariner East is a great example--during

construction alone, it has had a \$9.1 billion economic impact. The project has also been a stable source of employment for skilled pipeline workers in these uncertain times.

The proposed modification is being made to ensure the safe install of the pipeline. Trench installation as compared to an HDD removes the threat of an inadvertent return of nontoxic bentonite and water. The modification also provides local residents a more defined construction timeline. Large construction projects are always a nuisance, but they are absolutely critical. The modifications being proposed are absolutely within reason and should be approved. (157)

Letter – [Charlie Melancon](#)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

### **154. Comment**

I attended the June 17<sup>th</sup> public hearing on the Mariner East pipeline and Sunoco's request to use an alternate route for the pipeline, which would bring the pipeline closer to Marsh Creek Lake. Those in favor of allowing Sunoco to move forward talked about the pipeline bringing more economic opportunity to Pennsylvania or erroneously stated that the pipeline would help bring resources to Pennsylvania residents. Neither point is true.

The only party that will reap economic benefits from the Mariner East pipeline is Sunoco. Even many of the workers are not from Pennsylvania. In addition, as we all know, the Mariner East pipeline will not provide resources to Pennsylvania residents. These highly flammable gases will be exported to Scotland where they will be used to make plastic, a commodity that the world does not need more of.

May I remind you that on August 10, 2020, Sunoco spilled approximately 8,000 gallons of drilling fluid into Marsh Creek Lake. The spillage impacted a wetland, two tributaries, and Marsh Creek Lake. The next day there was a gradual caving of an area of the land. These two incidents, the spillage and the sinking of the land, resulted in the Pennsylvania Department of Environmental Protection (DEP), as well as other state and local agencies who responded to the incident, taking compliance and enforcement actions, and requiring Sunoco to mitigate, remediate, and restore the area.

These actions have not yet been completed - and still Sunoco wants to proceed with moving the pipeline to an alternate route that could cause even more devastation. Sunoco should not be able to buy their way out of complying with watered down environmental regulations while nature, and those who appreciate nature, suffer for it. You must deny Sunoco's request. (158)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**155. Comment**

I urge DEP to deny Sunoco's permit amendment request, which would reroute portions of the Mariner East 2 Pipeline in Chester County, and alter its installation methods for the project.

Across the state, the DEP has already issued 121 notices of violation to Sunoco for leaks of drilling mud, disturbance to local water wells, pollution of water bodies, and the creation of sinkholes during construction of the 20-inch Mariner East 2 pipeline, the 16-inch Mariner East 2X pipeline, and the repurposing of the existing Mariner East 1 pipeline.

Thousands of lives (and the environment) remain at risk each day this pipeline is in service. (159)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**156. Comment**

Hi, my name is Snail DuBose and I live in West Chester, 19380-1707.

I originally grew up in Pensacola, FL, right on the Gulf Coast. Like the rest of the Gulf Coast, it was badly affected by the Deepwater Horizon oil spill. The small but important local seafood industry was all but obliterated. Tourism, on which Pensacola is economically dependent, took a massive hit too. A lot of businesses went under. A lot of people got sick, especially those who lived or worked on or near the beach. My hometown will probably never fully recover from the effects of the spill.

I've already seen careless oil companies cause massive damage to my home. Now Chester County is my home, and I don't want to live through that again. The pipeline is already causing damage to the surrounding area in the form of sinkholes, which can compromise the structural integrity of buildings (such as local businesses and homes) and potentially injure or kill people outright. Also, as with any oil pipeline, rupture and soil/water contamination is not a matter of if, but when. Oil pipelines are always dangerous, and do not belong in residential or commercial areas. They certainly don't belong anywhere near Marsh Creek State Park, where pipeline activity has already harmed local wetlands and waterways. (Ideally, we shouldn't be making any new oil pipelines at all. We should instead be focusing on moving away from fossil fuels as much

as possible. I recognize that we don't live in an ideal world, and that we will likely still be dependent on oil for some time yet but endangering our community to create more fossil fuel infrastructure is a terrible idea.)

The Deepwater Horizon spill occurred in the first place because of nearly nonexistent safety measures and neglect. Proper maintenance, equipment, and training costs money, and oil companies like BP- or Sunoco- value their own profit above the lives of their workers or the wellbeing of the communities they affect. The response to the spill focused on erasing the visible effects, to the long-term detriment of the local ecosystem and economy; the oil dispersal method made the slick no longer visible, but spread the toxic petroleum compounds through the entire water column and rendered them impossible to truly remove. This approach was taken because appearances are all that matter in a PR fiasco, and the PR fiasco was all that mattered to the oil company. Sunoco is not different from BP in this respect either. Sunoco will not properly maintain this pipeline. Sunoco will not ensure the safety of its workers. When disaster inevitably strikes, Sunoco will not help the people of Chester County pick up the pieces and rebuild.

I do not believe these path or installation changes will lessen the threat of this pipeline to an appreciable degree. I think they are largely a PR move. Do not grant these permit amendments, and, if possible, do not allow work to move forward on the Mariner East 2 pipeline. Thank you for your time. (160)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

### **157. Comment**

I am a resident of Chester County residing at 111 Deep Willow Dr., Exton, PA 19341 and am submitting my concerns w.r.t. the Mariner East 2 Pipeline project.

I am extremely concerned about the environmental impact to our beautiful community as a result of this project. Needless to say, about the safety of our friends, family and neighbors whom we share this community with. We have seen numerous instances of shoddy management of these kinds of projects leading to environmental disasters. We do not want this in our neighborhood.

We have lived in Chester county for the last 26 years and plan to retire in this community. Projects such as these will give us no option but to move out of Chester county, to communities that respect and care for the environment.

In summary, I am strongly against the Mariner East 2 Pipeline project and request you to not grant approval to Sunoco pipeline. (161)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**158. Comment**

As a Chester County resident, I am writing to express my views on the ongoing efforts to install the Mariner East 2 Pipeline.

There's an old saying about the futility of closing the barn door after the horse has escaped. That, it seems, is what Sunoco/Energy Transfer is attempting to do: jury-rig this unholy mess of an environmental crime just enough to keep the project limping along to completion.

As you well know, this pipeline poses untold risks to the luckless residents, schoolchildren, and workers who live, work, and go to school nearby. The staggering number of illegal actions and violations Sunoco has committed clearly shows that it is reckless, wholly unconcerned with the welfare of the lives affected, and equally uncaring about the environmental damage it has already caused and that this project will continue to cause.

I urge you to put a stop to this madness and permanently revoke the Mariner 2 East Pipeline's installation. (162)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**159. Comment**

Greetings to you, I write to offer my concerns to the DEP regarding the rerouting of a natural gas pipeline proposed by Sunoco in the vicinity of Marsh Creek.

I am extremely concerned about Sunoco's proposed rerouting of their pipeline and write to urge you to compel Sunoco to do all the work required to avoid yet another disastrous contamination of our waterways, lakes, streams, ponds and groundwater.

I have been deeply distressed and angered by Sunoco's disregard for the noxious effects of their pipeline on our water both as the contamination affects human health and as it affects all the living species that rely on clean water to survive. It is clear from their proposed rerouting that they have simply chosen the most expedient path, without regard for the serious risk of contaminating Marsh Creek Lake again. They did not even bother to do an onsite assessment of the original rerouting that was proposed to them, any more

than they attempted to take seriously the danger their own preferred rerouting entails for the Lake.

I ask that the DEP require that Sunoco do what it was asked to do already: a full field evaluation of the original reroute (instead of the desktop review they did) and that they perform geophysical testing and do a full assessment of both proposed reroutes to determine what effects and impacts the two reroutes would have on streams and water quality, so it is clear what is at stake in each instance and a wise course of action can be taken. Furthermore, Sunoco should be required to do expert mapping of the wetlands along BOTH reroutes (not just their preferred reroute). Once the evidence and analysis have been conducted responsibly and with due diligence, then the route that is farther from the Lake and that does not cut through streams that feed the Lake should be the only one considered.

It is utterly unethical and irresponsible in a time of climate crisis to needlessly and wantonly contaminate water and destroy habitat. I call on you to compel Sunoco to follow strong guidelines to minimize the danger their pipeline clearly poses to our health and our environment.

Thank you for considering my concerns and Comments. (163)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

With regard to climate change, see the Response to Comment #8 above.

**160. Comment**

I am deeply concerned about the Mariner East 2 Pipeline in Chester County. These pipelines often have a negative impact on communities, especially communities of color. These pipelines often have spills which impact water, soil, and other elements of nature in the community. I strongly urge you to reconsider allowing this pipeline to run through the community. Thank you for your time and consideration. (164)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**161. Comment**

With each one of my fellow Beaver County citizens, as well as the general public of Pennsylvania in mind, I implore you to accept Energy Transfer 's revised construction plans that have been proposed for the Mariner East Pipeline. This project has and will continue to be beneficial to Pennsylvania and our citizens and deserves to be approved.

Since 2008, I have served Beaver County through the avenue of being both County Commissioner and Chairman of the Board of Beaver County Commissioners. Additionally, over the past three decades, I have given my fervent efforts and time to the people of Beaver County through teaching our youth and as township supervisor. I say this all to convey my true care for this community. I prioritize the prosperity of the county I serve above all else; therefore, I support the continued construction and eventual completion of Mariner East.

For so many Pennsylvanians, working in the oil & gas industry is what puts food on the table for their families. During construction alone, the Mariner pipeline provided over \$9.1 billion for our state 's economy. Yes, the tax revenue, economic impact, job opportunities, and affordable, reliable energy that this pipeline has and will bring can be put into numbers - very large numbers.

The modifications proposed by the pipeline developer are meant to reduce impact to the environment and benefit local residents. Pipelines are the safest means to transport energy products. They also reduce emissions compared to alternative modes.

The Mariner East pipeline 's positive benefits will ripple throughout Pennsylvania and the nation for decades to come. Please approve Energy Transfer's application under review. (165)

Letter – [Tony Amadio, Beaver County Commissioner](#)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township,

Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

#### **162. Comment**

Please accept my apologies for my incomplete email regarding the Mariner East Pipeline. I live in Downingtown, Upper Uwchland Township near the Marsh Creek State Park. I sent a complaint last year at the onset of this issue. It is concerning that a hazardous spill is in the water in a State Park and it has not been resolved. There should be no path forward for Sunoco to continue at this point. There are other issues that have been created in communities along the creation of this pipeline. They have not been fixed. How can a company not fix its mistakes and still continue with its own plan. As in Flint, Michigan where issues were ignored, they became out of hand. A blind eye was turned and the people in charge didn't take care of business.

I just saw that there are other pipelines to be created in Pennsylvania over the next ten years. This beautiful state will become a pathway of pipelines. Some maybe absolutely necessary but is this Mariner East Pipeline necessary and to be used here in the United States or is it in Europe? There has to be a balance of the safety of Pennsylvanians to live a safe and healthy life with the needs of jobs which I do understand.

But first and foremost, clean up your mess Sunoco and then this needs to come back to the table to be addressed again. (166)

#### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

#### **163. Comment**

I say no to the open cut proposal by Energy Transfer. Energy Transfer must move the pipeline to the other side of 76, away from Marsh Creek. The entire project is fraught with issues and must be stopped.

“Reuters analyzed four comparable pipeline projects and found they averaged 19 violations each during construction”.

This article below from almost three years ago draws attention to just how egregious Energy Transfer is at constructing pipelines. By comparison, they have now racked up 123 Notices of Violation on Mariner East and counting. And that's just the ones they have been caught committing and the Pennsylvania Department of Environmental Protection has acted on. It's safe to bet the actual number far exceeds that.

<https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.reuters.com%2Farticle%2Fus-usa-pipelines-etp-violations-insight%2Ftwo-u-s-pipelines-rack-up-violations-threaten-industry-growth->



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## **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities.

## **164. Comment**

Thank you for considering my Comments. My husband and I live in Westtown, Chester County, within 1100 feet of the Mariner East pipelines and we have followed its development with growing alarm since we became aware of the plans in 2015. I urge the DEP to deny this proposed re-route and hold Sunoco to the original re-route that was in their permit application and which DEP ordered after the spill last year.

Sunoco has trampled on the communities and natural resources in its path, racking up a record number of violations and fines since it received permits in 2017. It has demonstrated no regard for the laws and regulations of Pennsylvania.

Not only is March Creek a treasured recreational resource it is a drinking water source for over a million people. We cannot jeopardize the drinking water of our communities for any reason, let alone a bad actor like Sunoco who has already betrayed its social contract with the Commonwealth.

Sunoco continues to defy the regulatory requirements and make up its own rules. Once again Sunoco didn't follow the DEP's instructions to properly evaluate the 'original re-route.' They should not be permitted to skate by with a "desktop review." Show your work Sunoco!

Sunoco should be required to do a full field evaluation of the original re-route, including geophysical testing.

Sunoco didn't assess the impact the original re-route would have on streams and compare it to their preferred route. They should be required to do this analysis.

Sunoco has been given the benefit of the doubt for too long. To continue to do so here is just doing the same thing over and over and expecting a different result. I was gratified when DEP took bold action after the spill last summer. I urge you to follow through on that and hold Sunoco to the high standard that protects our communities. (168)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

### **165. Comment**

The DEP should be demanding and overseeing geological studies of the many issues that are unacceptable in the 'rerout' plan proposed by Sunoco/ET for the drill site near Marsh Creek Lake.

The DEP should not accept a plan that does NOT correspond with actual data to protect the safety of the environment. Sunoco provides none. The DEP has been rubber stamping this project far too long.

Sunoco/ET ignored the suggested route by the DEP without giving any clear details. They leave many open questions. Sunoco/ET seems to think it is an easier route for them. Any fines that have been imposed from the past 800 NOV's are simply absorbed as the cost of doing business. They have not prevented Sunoco/ET from making this cavalier proposal. They should not be granted this proposed route, knowing the poor record of this project's construction.

This proposed re routing is after the huge spill of industrial waste/ "drilling mud" last year into Marsh Creek Lake – a source of public water between here and Wilmington DE.

It is unthinkable that the DEP would now allow Sunoco/ET to dictate its own route. Mariner pipeline puts PA residents at risk from sinkholes, water loss and contamination, potential explosions, contributes to climate change and unwanted plastic waste. This poorly planned project reflects shamefully on the DEP which has abandoned all any relationship to field data.

It has repeatedly failed PA residents through weak fines and negligent oversight. It is clear the original deficient permits should never have been allowed without prior geological studies, made available for public awareness and exposing the actual risks of the construction, maintenance and use. We have already seen ample damage to residents across the state. How much more damage will the DEP allow? The permits should be pulled.

I would also like to suggest that Sunoco/ET be made fiscally responsible for the life of this pipeline the public deserves to be protected from potential hazards in the future to our water supply and enjoyment of the environment as stipulated in our State Constitution's Green Amendment. The residents of our state should not be left to pay for future damages from Mariner East.

This entire project should be indemnified for the duration of its use, for as long as it sits on PA lands with a fund created by the entities that plan on capitalizing its use. Nothing less would be acceptable to protect the interests of the residents of the Commonwealth of Pennsylvania.

Last, the DEP should ignore the Comments from the 6/16/21 hearing that erroneously refer to this project as essential to our economy as a source of energy.

To conclude, the DEP 's mission is not related at all to judging costs and benefits for corporations it is supposed to rely only on the known data to oversee and protect our environment for the people of Pennsylvania. (169)

### **Response**

We appreciate your Comments. Following an in-depth review, the Department has completed and is satisfied with the analysis of the alternatives. After receiving the initial permit amendment request, the Department made a similar Comment. Please note that the cost incurred by the applicant did not factor in the Department's consideration in the alternative analysis.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation is expected to result in more control over the impact limits, and a more clearly defined construction timeline. The Department will have an active presence at this site during construction.

Various open trench alignments were considered and, while the preferred alternate does directly impact Regulated waters of this Commonwealth, the Department has

reached the conclusion that the other alternatives proposed a much higher impact to adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. In addition, while the preferred open trench alternative will result in impacts to Streams S-10 and S-11 and wetland WL-H17, these resources were already impacted from the previous inadvertent returns (IRs) and the full restoration of these areas has yet to be completed. The proposed plan provides clearly defined limits and provides for total restoration of all impacted resources.

Other locations where trenchless technology methods have been revised to the open trench construction method have been completed with minor issues, all of which have been mitigated through restoration.

Regarding the applicant being fiscally responsible for the life of this pipeline, the Pennsylvania Public Utility Commission (PUC) has issued a certificate of public convenience to SPLP. The PUC determines financial/technical fitness prior to its issuance of a certificate of public convenience authorizing an applicant the authority to transport petroleum products and refined petroleum products intrastate pursuant to Sections 1101 and 2102 of the Public Utility Code. 66 Pa. C.S. §§ 1101 and 2102.

With regard to climate change, see the Response to Comment #8 above.

#### **166. Comment**

The Mariner East 2 Pipeline has been creating an eyesore in our area for several years now. It has eliminated trees and natural vegetation as it has been slowly creating this pipeline for the movement of product that is obtained from shale. They have created sinkholes along the very populated parts of Chester and Delaware County that in some cases have caused people to permanently move from their homes. There are anxieties that have been thrust upon the residents because of issues caused by the drilling for the pipeline installation. Energy Partners has not been clear with notifications to the public about issues that they have created. I am concerned for those who live near the pipeline installation area. Many of these people rely on private wells for their household water needs. If Energy Partners cannot install the pipeline without leaks that damage the community, environment and water needs and therefore safety of the residents then the pipeline route needs to be reconsidered or abandoned. The leak into Marsh Creek Lake that was not stopped until thousands of gallons of drilling fluid was leaked is proof that there needs to be changes that take this pipeline away from the lake or maybe abandon this pipeline through Chester County completely. (170)

#### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**167. Comment**

I strongly urge PA DEP not to allow Sunoco to continue installing the ME2 pipeline. Since 2017, DEP has issued over 121 notices of violation to Sunoco for leaks of drilling mud, disturbance to local water wells, pollution of water bodies, and creation of sinkholes during its construction of the 20-inch ME2 pipeline, the 16-inch ME2X pipeline, and the repurposing of the ME1 pipeline. The company has proven itself unable to work in compliance with environmental regulations and has shown wanton disregard for the rights of private landowners across the state, including forcing some homeowners to sell their homes and move away due to egregious property damages.

This is unacceptable and PA DEP should rescind the permit for the pipeline project, instead of allowing it to be rerouted away from Marsh Creek Lake, which is now fouled by Sunoco's pollution, and continue. Restoring Marsh Creek Lake should be a high priority for Sunoco and PA DEP. (171)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**168. Comment**

As a long term resident of Exton, PA I have been appalled by the stories I hear from neighbors and friends, regarding the damage to their properties by the Mariner East Pipeline 2. From repeated sinkholes, damage to drinking water, industrial waste spills and the repeated denials/cover-ups, it has been truly shocking to see Sunoco given a pass time after time. Not to mention last summer's 8,000-gallon spill of drilling fluid into Marsh Creek, and only a haphazard plan for remedying that accident. If this was any industry but the Fossil Fuel Industry, they surely would have been shut down. It is no secret that the industry lobbyists have paid PA lawmakers to vote for legislation that favors the Fossil Fuel Industry.

It is time for lawmakers and DEP to remember that they are suppose to work for the benefit of PA Residents, as opposed to a private company that continues to willfully violate the law after being put on notice hundreds of times and being fined millions of dollars. Sunoco simply cannot be trusted to proceed safely. I believe that the definition of crazy is doing the same thing over and over again and expecting a different result. Please follow the PA Constitution's Environmental Rights Admendment, article 1, section 27 that explicitly guarantees it citizens the right to a healthy environment.

All you have to do is to drive by an area where they are working to know that something is not right, given the huge fence/tarp coverings obscuring everyone's vision of what is taking place of sinkholes, etc. (172)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**169. Comment**

Regarding the Sunoco Pipeline LP Major Permit Amendment S3-0290HDD, I would like to Comment on the Conclusion that: Based on this analysis, use of the Open Cut – Minor Reroute Alignment (“Option 4”) is both technically feasible and the most practicable alternative (with regard to existing technology, logistics, and cost) that, although involves the second most forest clearing, otherwise results in the second least (temporary and minor) impact on other environmental resources (wetland, waterbody) and the human environment (residences, infrastructure, roadway), and avoids significant impacts on the environment, and therefore is the preferred and proposed alternative of the alternatives to the 20-inch HDD S3-0290 that are consistent with PADEP's direction to consider all measures to prevent another IR.

I believe the use of Open Cut along Roadways (Option 5) is a better way to go for the environment which has been damaged time and time again by this project. Article I, Section 27 of our state constitution—the Environmental Rights Amendment states that: The people have a right to clean air, pure water, and to the preservation of the natural, scenic, historic and esthetic values of the environment. Routing the open cuts along existing roadway as much as possible and avoiding cutting forest and adverse impact to agricultural and natural lands and waterways seems to make the most sense to provide the least amount of adverse impact to the environment as possible. (173)

**Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate (identified as Option 4C in the alternatives analysis) does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

#### **170. Comment**

We are writing to request that do not approve and issue any permits that Sunoco is currently proposing in a route that will require trenching through wetland areas and diverting two streams that flow into Marsh Creek Lake for the Mariner East 2 pipeline construction. Last Summer, after the unfortunate contamination of thousands of gallons of drilling fluid to the lake, you stated that Sunoco consider a route that is technically feasible and is a safer route in this environmentally sensitive area that directly affects the lake and other water areas in Marsh Creek State Park.

Due to the company's many environmental violations in the construction of this and other pipelines here and in other areas of the state, we ask the DEP to ensure that the company does not take this latest proposed route that is closer to the lake and could create more environmental contamination and other concerns. Sunoco needs to be required to do a full field evaluation of the original re-route that includes geophysical testing. The company must assess the impact of construction on streams and wetlands and then compare that with any other re-routes they propose with strict DEP oversight.

This is not a decision to made as a matter of expediency for business/industry priorities. The DEP's priority is to make a scientifically based decision for environmental and public health. This is your mandate. There are tremendous short- and long-term consequences involved.

Marsh Creek State Park is a public state park that preserves and conserves land and water (including drinking water) protecting many species of flora and fauna. As nearby residents, we are fortunate to be within a short walking distance of the park which we frequent often and enjoy many different recreational activities and observations of nature throughout the year. After August's contamination, we have decided it is not safe due to health concerns to enter the water or boat on the lake until we are assured that it is safe to do so. This is a large public health concern as well as environmental concern, especially in a state park that we as citizens pay for in our taxes and we and others should not concern about enjoying it.

Thank you for consideration of our concerns that affect our state land and water, environmental and public health. We urge you to make the right decisions for all of us.  
(174)

#### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

#### **171. Comment**

Sunoco, and the Mariner East 2 pipeline have abused Chester County's environment, residents, and community for the last several years, without true repercussions. We are now allowed to submit public Comment on where we want or don't want them to trench throughout our neighborhoods or Marsh Creek. However, the DEP and a committee of politicians have set mitigation steps that needed to be completed by Sunoco from that last egregious polluting of Marsh Creek, which they have failed to complete. Why are we even entertaining their future plans, if they haven't done what was required of them already? The DEP needs to hold Sunoco accountable.

That being said, the track record of the DEP and Sunoco shows that the pipeline will continue expanding regardless, so I am stating that we are adamantly against Sunoco making a northern detour that crosses Hoffman Circle, our dead-end street. Sunoco has already stated that it isn't a feasible route. They will end up feet from a neighboring house's front door. In addition, small children will be standing basically on a buried pipeline every morning waiting for their school bus. Finally, the most concerning safety aspect will be that Hoffman Circle is a dead-end cul-de-sac, with no other exit or escape. If there is a leak or issue with the pipeline, there is no way for families with children, or elderly people to escape or have an emergency route, and there is no way in for first responders to get to our road and our homes. This is totally unacceptable.

Furthermore, this route requires the pipeline to cross over the Turnpike twice and there will be major construction and expansion happening with the same section of turnpike over the next year. Has the Turnpike Commission and Sunoco spoken about the Turnpike expansion that will be happening in the next year, and who is overseeing the safety of both projects? The logistics and safety of it does not make any sense.

Finally, there is a securities fraud lawsuit that has been filed against Sunoco, Energy Transfer in Western Pennsylvania by a large group of people. If down the road they are



found guilty and decide to get out trouble by filing for bankruptcy, who takes over maintenance/inspection of these pipelines? What protections does the state have in place that these pipelines will not just be left to deteriorate and pollute and damage communities? Plastics the way they are currently manufactured, will not be used forever, and alternative energy sources will eventually replace the need for these pipelines.

To sum up; Sunoco should not be allowed to continue with their expansion plans because they continually violate and pollute communities. If the DEP allows them anyway, then we are opposed to the north re-route that would go across Hoffman Circle, a dead-end circle with no other exit in or out for emergencies including a pipeline leak or explosion. The Turnpike is expanding in the same area that the pipelines would be crossing, which could cause a major catastrophe. The least of all the evils would be Sunoco's Option 4 route, but the DEP should always have a supervisor on site to ensure that Marsh Creek and the surrounding environment is being protected. The DEP needs to represent the community and environment and hold Sunoco accountable. (175)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate (identified as Option 4C in the alternatives analysis) does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

### **172. Comment**

Energy Transfer's submitted plan for Mariner East HDD290 involves open trench construction even closer to Marsh Creek Lake and crosses a wetland and two creeks which feed into the lake. This proposed plan risks impacting this valuable natural resource, wildlife habitat, treasured state park, drinking water source and private properties once again. This plan may be better for Energy Transfer's profits, but not for the environment.

We have seen the effects that poor planning and execution on this dangerous pipeline project have caused across Pennsylvania, including Chester County - sinkholes, seeps, impacted aquifers feeding public and private wells, sediment discharges into waterways, etc. Once again, Energy Transfer has submitted a construction plan without fully assessing the potential impacts, environmental and otherwise.

Moreover, DEP should abide by their mission statement and not energy nor financial aspects of the job: "The Department of Environmental Protection's mission is to protect Pennsylvania's air, land and water from pollution and to provide for the health and safety of its citizens through a cleaner environment." During the recent virtual online forum for public input, Comments on the cost of the correction were entertained by the moderators. Financial expense to the contractor should NOT be a factor. Already ET has compromised the environment of aquatic life. For the said of additional profit, ET should not be allowed to cite their cost to build the project as a reason to alter the agreed upon plans.

Recently an ET representative on their hot line laughed at me when I inquired about an "anomaly" at your Devon Drive site in Uwchlan Twp. He laughed when I was surprised that he, assigned to the hotline, was not familiar with the area. The arrogance of the company is shameful. They act like no one can question them. Please do not succumb to this arrogance and do what is best for the environment, not simply what is best for a "for profit" company. Thank you.

I request that the Department of Environmental Protection soundly reject this proposal for Mariner East construction at Marsh Creek Lake. Instead the DEP should require Energy Transfer to conduct a complete field investigation of the plan they previously submitted as "technically feasible" which takes construction away from the lake. (176)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

The cost incurred by the applicant is not a measure of consideration in the alternative analysis.

**173. Comment**

As a resident and homeowner in Chester County, I have enjoyed the beauty of Marsh Creek State Park for 41 years. From the lake to the pool to the pick-nick grounds, my family has experienced the fun of boating, fishing, sailing and paddle boarding. We feel like Sunoco's Mariner East pipeline project threatens the future of our pristine lake. The Sunoco spill and subsequent response demonstrates an arrogance that indicates to me that they do not share my respect for Chester Counties environment.

Please register my disapproval of the Sunoco plan to redirect their pipeline near Marsh Creek wetlands. (177)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**174. Comment**

Please do not approve the major permit amendment requests from Sunoco Pipeline LP (SPLP) for work near Marsh Creek Lake, Upper Uwchlan Township, Chester County.

My family are frequent recreational users of Marsh Creek Lake. In the summer of 2020, my family frequented Marsh Creek Lake to take part in water sports activities. These activities were affected by Sonoco's August 10, 2020 release of approximately 8,000 gallons of drilling fluid that impacted a wetland, two tributaries, and Marsh Creek Lake. We could not do the activities that we wanted due to this incident.

Sunoco should not be given the opportunity to operate near Marsh Creek Lake due to the risk of negative environmental impact. Sunoco has already committed acts that have negatively impacted the environment of Marsh Creek Lake, which has robbed the citizens of Pennsylvania their right to clean water. The risk of a Sunoco continuing to deprive citizens of this right is too high to approve this permit. Please do not approve this permit. (178)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township,

Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**175. Comment**

Please allow the project to proceed, as it will benefit our community and region. (179)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**176. Comment**

Thank you for the opportunity to review the pipeline documents and make Comments. I am a local resident near Marsh Creek. Our community has been living with the impacts of the Sunoco Mariner East Pipeline project for well over 5 years. From my perspective it started with development at the corner of Milford Road and Little Conestoga Road with above ground pipes, a constant hum and towering smokestack. In 2017 that location became the hubbub of activity and source of vibration and pounding as we soon learned horizontal directional drilling was installing large pipelines that would connect to that smokestack and would carry hazardous materials. A short distance down the road, the existing pipeline at 610 Milford Rd, which goes through Marsh Creek State Park and under the lake, also underwent construction and updates or changes.

Over the years, we have experienced various impacts of this pipeline project, from excess truck traffic on the road, to cut down trees and pounding vibrations, but what happened in August 2020 is something that will stick with us forever. Sadly, the spill has left us wondering if our well water is safe and how we would notice if contaminates or the drilling fluids impacted the quality of the water. I wonder how the fish, aquatic life, birds and other animals may be impacted by the contaminates.

I have watched as a new Aqua neighborhood water well was drilled earlier this year at the corner of Meadow Ln and Waterview Rd. It appears as though the well was contaminated and now, they are pumping additional water from the well to the site of the spill. But what about the private wells? With the drilling fluid in the wetlands and lake, the aquatic life and plant life may not survive. Unfortunately, effects may be far greater than surface observations and may take years to become fully evident.

In the wake of the spill, I am disheartened in the emergency response. How was it that over 8,000 gallons of the drilling fluid spilled? Over the years we have heard of inadvertent returns of 5-10 gallons but nothing like 8,000 gallons into a wetland and into a lake that is a source of drinking water. It was over 24 hours after the spill that a sign was placed at the main entrance of Marsh Creek State Park alerting visitors of the spill and then another 48 hours before the impacted cove buoyed off. I do not fault the park in this response as it should have been part of an emergency plan of the pipeline and construction crews. Local residents did not hear from Sunoco except for a flyer in the

mail weeks later that tried to tout safety. If there were a leak of actual pipeline products in this area, I hope the response would be different.

Marsh Creek State Park is a local treasure. It offers numerous land and water recreational activities as well as an opportunity to connect with nature and the environment. There is quite a unique history to the area and how the lake was formed. It is imperative that the park, wildlife and our natural resources be preserved and protected for generations to come.

Sunoco's desired re-route of the pipeline travels closer to the lake, traverse wetlands and results in removal of large trees. This route is unacceptable. If additional pipe is installed, please ensure that it takes a path furthest from the lake and with the least environmental impact.

However, the risks of continuing to construct the pipeline in this area are far greater than the benefit it may provide. Some may say that there is a financial gain in the additional pipeline however, no amount of money can reverse the environmental and potential health impacts that it has created. Over the last several years pipes have been installed in this area and the existing 12-inch pipeline has been repurposed to carry the desired materials. Those pipelines can and already are moving materials through them, from what we are told. Adding additional pipeline to this is not essential. Protecting what we have is essential. (180)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

### **177. Comment**

Thank you for providing this opportunity to Comment on Sunoco Pipeline LP's (SPLP) amendment applications for its Chapter 102 and Chapter 105 permits requesting to amend the route and installation method of the Mariner East 2 pipeline at location HSS 290 near Marsh Creek State Park. Marsh Creek State Park lies within my home township and I have enjoyed the park daily for over twenty years.

While listening to the spoken Comments during the June 16 public hearing, it occurred to me that the Pennsylvania Department of Environmental Protection (DEP) possibly faces its easiest decision regarding the Mariner East Pipeline since this epic project began.

Since the August 10, 2020 release of 7,712 gallons of drilling fluid that impacted a wetland, two tributaries, and Marsh Creek Lake, as well as several subsidence events in 2020 and even some inadvertent return's (IR) which occurred earlier this month while grouting as noted in the June 16, 2021 Inadvertent Return Report, DEP closely and carefully examined the facts, determined the short and long term damage and concluded that an alternate pipeline route, one further from the park, lake, wetland and tributaries was necessary to avoid additional damage to these areas and potential damage to public and private water supplies.

DEP has done due diligence in regard to this event and recommends a course of action that prevents further harm to the environment of Marsh Creek State Park.

I applaud this recommendation to re-route the pipeline away from Marsh Creek State Park, lake, wetlands and tributaries and request that DEP honor this decision which recognizes:

- the value Marsh Creek provides to all stakeholders who recreate at this park,
- its significance as a public and private water source,
- this area as an important and significant ecosystem for biodiversity.

This re-route does not stop the pipeline, as callers implied during the public hearing; it simply redirects the route away from the Marsh Creek preventing further environmental damage to this special area. It does not impede production or prevent the transportation of SPLP product or eliminate jobs or weaken the economy, as were also suggested during the public hearing. Rather, it allows pipeline construction work to continue in a manner that reduces pollution events in the Marsh Creek area while allowing pipeline product to flow through the other active lines in the same easement area. For those who prioritize jobs, the number and duration of jobs for the DEP re-route will certainly exceed those for SPLP's re-route.

The DEP alternate route is longer than Sunoco's submitted re-route and the longer route will likely delay SPLP business milestones, but DEP does not serve the interests of private enterprise. DEP's mission to protect Pennsylvania's air, land and water from pollution and to provide for the health and safety of its citizens through a cleaner environment is honored and upheld with the mapping of DEP's alternate route.

SPLP had an opportunity to demonstrate that it would protect our cherished areas and valued resources, but it failed. SPLP is still working to remediate the August 2020 event and parts of the lake are still closed to the public. As a member of an organization that submitted a petition to DEP to upgrade Marsh Creek to Exceptional Value, I have grave concerns that the August 2020 event has compromised water and habitat quality in some areas of this watershed which could affect the outcome of the petition. How and when it will recover has not been determined.

Pennsylvania invested heavily in the creation of Marsh Creek State Park for flood control, recreation and as a public water source. Why should we risk further degradation and harm to this investment? Protect the Marsh Creek environment for today, tomorrow and the future. This decision is easy. Deny SPLP's request. (181)

**Response**

Thank you for your Comments. See Response to Comment # 37.

**178. Comment**

It is unacceptable that Energy Transfer has submitted plan for Mariner East HDD290 to involve open trench construction even closer to Marsh Creek Lake and crosses a wetland and two creeks which feed into the lake!! Seriously, this proposed plan risks impacting this valuable natural resource, wildlife habitat, treasured state park, drinking water source and private properties once again. This plan may be better for Energy Transfer's profits, but not for the environment.

We have seen the effects that poor planning and execution on this dangerous pipeline project have caused across Pennsylvania, including Chester County - sinkholes, seeps, impacted aquifers feeding public and private wells, sediment discharges into waterways, etc. Once again, Energy Transfer has submitted a construction plan without fully assessing the potential impacts, environmental and otherwise.

Please...I request that the Department of Environmental Protection soundly reject this proposal for Mariner East construction at Marsh Creek Lake. Instead the DEP should require Energy Transfer to conduct a complete field investigation of the plan they previously submitted as "technically feasible" which takes construction away from the lake. (182)

**Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

#### **179. Comment**

In April, Sunoco Pipeline LP submitted permitting requests for “major modifications” related to the construction method and routing of one of the remaining uncompleted sections of the Mariner East 2 Pipeline. I am writing in support of the Department of Environmental Protection’s favorable consideration of the requests.

Last September construction of the pipeline was halted following occurrences of inadvertent returns, in which bentonite drilling mud escaped to surface levels. Sunoco Pipeline LP (SPLP) now seeks approval to complete construction at this location through open trench installation, rather than horizontal directional drilling (HDD). The proposed adjustment offers a sensible solution to safely finish the pipeline and protect surrounding communities and the environment.

Oil and natural gas production in the Marcellus Shale Reserve provides a critical energy supply to the Northeast Corridor. Natural gas is an important fuel source for heating and power generation in the Northeast. As we continue to transition our electrical grid to renewable energy, access to this reliable and affordable supply of natural gas will also be critical. It provides a crucial backstop to wind and solar energy, providing an environmentally friendly way to quickly bring critical baseload energy online to the electrical grid when the sun doesn’t shine, and the wind doesn’t blow.

The Appalachian Basin, which accounts for over 40 percent of U.S. natural gas production, is a major driver of our country’s domestic energy growth. Due to significant output increases over the past two decades, the United States became a net-energy exporter in 2019, a position that was maintained last year. Yet despite this success, certain areas, like New England continue to have to rely on foreign imports of natural gas to meet energy needs. Energy infrastructure projects such as the Mariner East 2 pipeline will go a long way towards ensuring all parts of the country can benefit from the domestic energy revolution.

Continued growth depends on continued investment into the region’s energy infrastructure. Production has quickly outstripped pipeline deployment. Many top-producing parts of the country have experienced backlogs from insufficient pipeline



capacity. These occurrences create gluts, disrupt prices and have even forced drillers to flare excess supply. In the Southwest region of the Marcellus Reserve, pipelines averaged 101 percent of capacity this spring.

Expanding the Northeast region's energy infrastructure capacity not only benefits consumers and the economy, it is good for the environment, too. Pipelines are the safest form of energy transportation. A recent study found rail shipments, for example, are more than four times more likely to experience failure. Pipelines' success rate is over 99.9 percent. For comparison, federal first-class mail has a success rate of only 96.8 percent. By alleviating dependence on rail and truck shipments, pipeline infrastructure, like the Mariner East project, protect communities and ensure reliable access to affordable, domestically produced fuels.

With the proposed permit amendments, the Mariner East 2 will likely be completed within five to ten weeks. As an expert on energy issues with years of experience working with policy organizations such as the Energy Council of Rhode Island, I encourage the Department of Environmental Protection to approve this request without delay and move this critical piece of infrastructure forward. Thank you for your consideration. Please contact me if I can provide any further information. (183)

Letter – [Doug Gablinske](#)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

### **180. Comment**

My name is Ginny Marcille-Kerslake and I am a resident of West Whiteland Township and a frequent visitor to Marsh Creek Lake to kayak and hike.

I am submitting these written Comments which I spoke about at the public hearing on June 16, 202. At that hearing other residents raised similar and additional concerns for impacts to the environment, private property and public safety caused by this proposed construction. Energy Transfer had inappropriately registered over a dozen industry supporters to speak, not about the environmental impacts, but rather claims of profits, jobs and energy independence related to this pipeline project being built to ship fracked ethane overseas to make plastics. Their speakers were not members of the public but came from as far away as Louisiana. In advance of the hearing and this public Comment period, Energy Transfer is running a campaign via social media and mailed flyers, misinforming residents that this proposed route directs construction away from Marsh Creek Lake. In actuality it is the closest of any of the options, including the original HDD, and far closer to the lake than the route the DEP has ordered them to use.

Last August, the DEP acted swiftly and appropriately, permanently halting construction and ordering a reroute away from Marsh Creek Lake in accordance with a plan that

Energy Transfer itself had previously submitted as feasible. In response Energy Transfer has now submitted this entirely new construction plan.

This newly proposed plan to open trench along the same route with a detour toward the lake risks impacting this valuable natural and water resource and surrounding residential properties once again.

The route crosses the same wetland. This will require extracting groundwater to keep the trench dry which presents multiple concerns which we are experiencing right now in West Whiteland Township at Meadowbrook Manor:

The extraction of groundwater will likely be in massive amounts similar to current Mariner East construction through a wetland in West Whiteland which requires pumping 700 gpm or 1 million gallons per day. To haul away this would require one 5000-gallon water truck every 7 minutes 24/7. This is unrealistic.

The alternative is to filter the water and discharge to a waterway. Again, in West Whiteland this is presenting problems. Twice the filtration system has failed and resulted in Notices of Violation. Two NOV's were issued this spring for illegal discharge of sediment into Valley Creek. A third was just issued for using the wetland inappropriately as a treatment facility for turbid, sediment laden water, and a depository for sediment and clay fill. The new backup plan to dump this massive amount of sediment and water into the public sewer when the filtration system fails next time raises potential impacts to residents in the Meadowbrook Manor neighborhood and downstream on the sewer system.

In addition to the sediment issue, the discharge of extracted groundwater itself can impact surrounding vegetation. I visited a property in Berks County where this has killed numerous mature conifers. This property also now has large swampy areas due to seeps formed during open trench construction.

The extraction of groundwater will contribute to sinkhole formation in this area where Mariner East construction has created multiple sinkholes. It's underlain by gneiss similar to the bedrock on Lisa Dr. in WWT where multiple sinkholes permanently forced 5 families from their homes. We see this happening again in West Whiteland Township right now with several sinkholes forming as that groundwater is extracted, including one 23 feet long. In addition to the public safety risk, this has required dumping grout (at least 25 cement truckloads thus far) into this area adjacent to and in a wetland.

Why would the DEP permit open trench construction along this route close to Marsh Creek Lake, through the wetland and across two creeks feeding the lake knowing that impacts similar to those currently happening in West Whiteland could likely occur here? During public Comments in 2018 the DEP was similarly warned about the problems that are now occurring in West Whiteland.

This proposal also requires diverting two creeks which feed into Marsh Creek Lake impacting the lake and the wetland, including its aquatic and wildlife habitat. These potential impacts have not been thoroughly assessed. For example, the only bog turtle field survey conducted for this proposal was by Energy Transfer's contracted consultants, not by the US Fish and Wildlife Service or other regulatory agency.

I ask that the DEP deny this proposal, which is in the best interests of the corporation, not the environment. Furthermore, NO plan should be approved until Energy Transfer has secured the abandoned borehole and fully completed the remediation.

But really what the DEP must do is pull the permits for this project which has already been issued 123 notices by the DEP for violating its permits. Enough is enough. (184) Letter – [Virginia Marcille-Kerslake](#)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed, which included required clearances through the Pennsylvania Natural Diversity Inventory (PNDI) environmental review process. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

With respect to your Comments regarding groundwater, the Department disagrees. The excavation proposed for the wetland/stream crossing at the 290 Site is much smaller both in footprint and depth than the West Whiteland site you reference. The excavation is expected to remain open for a much shorter duration than the referenced site. As with all excavations, if the permittee chooses to dewater an excavation, they are required to implement appropriate and adequate pollution control BMPs so that the discharge from the dewatering does not cause an adverse impact to the receiving surface water.

Subsidence issues, as they occur, are addressed to the extent activities regulated by the Department impact regulated water resources such as wetlands and streams.

The cost incurred by the applicant is not a measure of consideration in the alternative analysis.

### **181. Comment**

I am a resident of Chester County and live in Meadowbrook Manor. I am writing to ask you to require Sunoco/Energy Transfer to complete a full field evaluation, including comprehensive geophysical testing of the Mariner East reroute originally recommended by your agency following the extensive pollution of Marsh Creek Reservoir. The route they prefer is clearly one of convenience and financial economy. The terrain thorough which their recommended route passes and its proximity to the Reservoir appear to pose significantly greater ecological risk than any of the alternative routes.

Because I live in Meadowbrook Manor, I want to draw parallels between the Marsh Creek situation and what is happening in our neighborhood. Following the recent development of a sinkhole (one of several) in our neighborhood, I had a conversation with George (Bud) Turner, West Whiteland Township's Emergency Management Coordinator. I asked him why Sunoco has been working for months and invested thousands of man hours trying to complete a 300-foot bore through our floodplain and under West Valley Creek. Turner replied that the bore should not have been attempted and that Sunoco "guessed wrong" about how to install Mariner East through our neighborhood. This was Sunoco's second "wrong guess" since their original HDD plan was dismissed because it would ruin the aquifer supplying Aqua's Hillside Drive production wells: two Sunoco installation plans – two wrong guesses.

As far back as 2015, long-time Meadowbrook Manor residents stated in public meetings attended by the DEP that installation of Mariner East in our area was a bad idea because of the nature of our geology and hydrology. Those living here understood the issues. Sunoco failed to listen, did not understand the area, and now flounders to complete a bore the length of a football field. They have caused multiple sinkholes within close proximity to the active but aged ME1 (installed in 1932) and the 12-inch workaround (installed in 1939) pipelines. Many truckloads of grout were poured into our floodplain. Illegal discharge was sent into our stream. Continual flooding of the bore pit results in an estimated 500,000 to 1,000,000 gallons of water being hauled away by "suck trucks" or otherwise being disposed of on a daily basis.

Sunoco's "wrong guesses" appear to be the result of "desktop decisions" made by engineers with flawed understanding of our area. Please hold them accountable. Make them be responsible. Speakers at your June 16th hearing seemed to fall into two camps – those speaking to the Economy and others speaking to the health and welfare of the Environment. I ask you to take a firm stand as the Department of Environmental Protection. We in Chester County have suffered tremendously as a result of this flawed project. (185)

Letter – [Jerry McMullen](#)

## **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Various open trench alignments were considered and while the preferred alternate (identified as Option 4C in the alternatives analysis) does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

## **182. Comment**

I encourage the Pennsylvania Department of Environmental Protection to approve Energy Transfer's request to change the installation method for a portion of the Mariner East 2 pipeline in Upper Uwchlan Township, Chester County.

Energy Transfer's engineers and environmental consultants evaluated many options to develop the best overall method that maximizes public and environmental safety for this portion of pipeline installation. Specifically, this proposed route directs construction away from Marsh Creek Lake and changes from horizontal directional drilling to open cut installation for a portion of this work, which will eliminate the potential for inadvertent returns.

This is one of the last sections of the 20-inch Mariner East 2 pipeline to complete in Chester County, and the final permit approval needed to complete the project. The 16-inch Mariner East 2X pipeline has already been installed in this area.

Mariner East offers critical infrastructure needed to move regionally produced natural gas liquids to the Marcus Hook Industrial Complex in Delaware County, where it is processed, stored and shipped regionally and beyond. With offtake points in operation and planned along the route, propane is available for things like home heating, cooking and agriculture, and as a cleaner, alternative fuel source.

In addition to propane access, we rely on natural gas liquids and byproducts to manufacture the products we use every day, from laptops to clothing to toothpaste. Now more than ever, these byproducts are used to manufacture materials that have been critical to the pandemic response and to vaccine distribution, including certain PPE, hand sanitizers, cleaning products and plastics for vaccine syringes.

Access to natural gas liquids is critical to maintaining quality of life, and pipelines remain the safest and most efficient way to move large quantities of these resources where they're needed. (186)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

### **183. Comment**

I request that the Department of Environmental Protection soundly reject Energy Transfer's proposal for Mariner East construction at Marsh Creek Lake. The DEP must require Energy Transfer to conduct a complete field investigation of the plan they previously submitted as "technically feasible" which takes construction away from the lake as well as a construction plan that includes a full assessment of the potential impacts on human health, pet and wildlife, the environment, etc, including groundwater impact studies that provide free, prior, and informed consent to all impacted residents.

DEP's mission is to protect Pennsylvania's air, land and water from pollution and to provide for the health and safety of its citizens through a cleaner environment in partnership with individuals, organizations, governments and businesses to prevent pollution and restore our natural resources.

Energy Transfer's goal is to turn a profit. Energy Transfer's submitted plan for Mariner East HDD290 with open trench construction even closer to the lake, and crosses a wetland and two creeks feeding into the lake appeases their shareholders and endangers the valuable natural resource of Marsh Creek Lake, its wildlife habitat, its treasured state park, its drinking water source, nearby private properties, private wells of homeowners in the vicinity, and Pennsylvania residents.

Energy Transfer's goal to turn a profit results in poor planning and execution across Pennsylvania, including Chester County with repeated sinkholes, seeps, impacted aquifers endangering public and private wells, sediment discharging sediment into waterways, such as Marsh Creek Lake - which is still not cleaned up. Energy's Transfer failed to produce a construction plan that includes a full assessment of the potential impacts on human health, pet and wildlife, the environment, etc, including groundwater impact studies that provide free, prior, and informed consent to all impacted residents including private property owners, well owners, public water recipients, all residents in the vicinity, and the larger public who rely on the lake as a water source and DEP should

reject their careless proposal and accept nothing less than a plan that protects Pennsylvania's air, land and water from pollution and to provide for the health and safety of its citizens through a cleaner environment. (187)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

### **184. Comment**

I am a 20-year resident of West Goshen Township. I live within walking distance of the terrifying pump station managed by the troubled Energy Transfer Partners. I'm a pretty fit person, but I'm not sure that I can outrun an inevitable disaster from ETP's consistent negligence.

Over the years, I have found great solace in visiting Chester County's beautiful Marsh Creek State Park. I can be found there on my paddle board (or on the one I rent in the summer) throughout the year. The sights and sounds of the fish and wildlife there often mend my spirit.

It has been almost a year since the devastating spill of drilling fluids by ETP. That portion of the lake is still off limits to boaters and I imagine that it has not done any favors to the ecosystem.

Many people disrespectfully call us nimby's, but it's already in my backyard and I don't want it in anyone else's. No one should have to live in fear of the danger that ETP poses with their abysmal safety record. They have already done so much damage here. Please do not grant them the right to damage more homes like those on Lisa Drive. Mariner East needs to be shut down, not rerouted. (188)

## **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

## **185. Comment**

Thank you for the opportunity to Comment on the proposed amendment to the Mariner East 2 Pipeline project, HDD 290. I am a resident in Upper Uwchlan Township within 1200 feet of the pipeline project. I strongly recommend that additional measures be taken prior to issuing any further approvals to the project.

First. Drinking well water quality. As the owner of a private well I am responsible for the quality of the drinking water that it provides to my family. The EPA and DEP provide standard recommendations for hazardous chemicals that should be tested for in private well water to confirm the water as safe for drinking. Our drinking water well is within 1200 feet of the pipeline and the inadvertent returns, where 8,000 gallons of "drilling fluid" was spilled into the aquifer that supplies my family with drinking water. I no longer feel safe giving water from our well to my family. While letters have been issued to our neighbors alerting that their well water may be contaminated, our home was not alerted. How is it possible to know that only our neighbors' drinking water may be contaminated? How are we to know that our well is not contaminated? We have been told that the "drilling fluid" is a proprietary chemical whose components would not be divulged. I ask you, if you were responsible for the health and safety of your family, for assuring that the water you give to your family is clean and safe to drink, how could you possibly know if that water is safe if you do not know what chemicals need to be tested? How can you look for something when you don't know what it is you are trying to find? Please obtain and publicly distribute to local residents a full and complete breakdown of the chemicals that have been spilled, and include recommendations to the local residents on how we can test for these chemicals, and indicate what concentration levels of those chemicals are safe.

Second. On-site independent environmental impact study of the results from the August 2020 inadvertent return that spilled 8,000 gallons of drilling fluid into Marsh Creek Lake. The study should be an independent professional analysis with recommendations for removal of the spilled fluid and any further actions to restore damage to the fish, birds, and trees of the Marsh Creek Lake ecosystem. The AECOM and TetraTech impact reports commissioned by Sunoco Pipeline LP are in conflict of interest.

Third. Routing the pipeline away from Marsh Creek Lake. It is clear that the pipeline contractors have failed in their ability to safely install a pipeline adjacent to sensitive waterways and wetlands. Fool us once— shame on the contractor. Fool us twice— shame on the DEP. I strongly recommend that the DEP reroute the pipeline as far away as possible from Marsh Creek Lake to limit further damage to the ecosystem.



Lastly. I attended the public Comment meeting on June 16th with my family. I was very proud to stand with my family and our local community who have been so poorly impacted by the mismanagement of this project. However, I was appalled to hear the political negotiations put forth by businesspersons who in many cases live hundreds or even thousands of miles from where this pipeline has damaged our community's ecosystem. I witnessed many of these persons argue that this pipeline project is "bringing jobs to PA" and "strengthening the economy". I ask, at what cost to the health, safety and quality of life is acceptable to increase profits? How can local residents who are powerless in the face of big corporations with billions of dollars at their disposal, do anything to protect their families and the land that we cherish so deeply? To the DEP, I trust that you will stand professionally and ethically in this matter and do the right thing— Protect the Environment. Thank you for your time. (189)

### **Response**

Thank you for your Comments. See Response to Comment # 37.

With regard to private water supplies, Sunoco/ET is responsible under various special conditions in its permits to notify nearby water supply owners prior to commencing pipeline construction activities, and, where the permittee's work results in adverse impacts to a water supply, notify DEP immediately and implement a contingency plan, to the satisfaction of the water supply owner, that addresses all adverse impacts as a result of the activity, including the restoration or replacement of the water supply. The Department has required the permittee to, on numerous occasions, implement various measures to address adverse impacts from the project on water supplies including conducting geotechnical studies, drilling a new well, installing water treatment equipment, or hooking up the water supply owner to public water.

### **186. Comment**

I'd like to submit Comments and support for matters related to Energy Transfer's Mariner pipeline project. Since I'm actually a stakeholder and pipeline right-of-way property owner, I think I'm at least minimally qualified to speak to the character and experiences of directly dealing with Energy Transfer and their agents. By comparison, a "loud" minority of activist Commenters and politicians will use this forum and hearings to rally around cancelling of energy enterprises and the thousands upon thousands of energy industry workers who go to work every day to support their families. The "loud" minority are deranged, chronic complainers who have nothing constructive to add to the public discourse. With that said, I implore your team to set aside and discount the irrational, small-minded few and the numerous politicians who abuse their positions and financial purses to instigate support for their fringe views.

Like most, I'm not a pipeline expert, but the facts remain that there are many tens of thousands of miles of pipelines that comprise the energy (and other products) infrastructure and distribution throughout the country. Aside from rare and nearly non-existent instances of external pipeline breaches and accidents, the occurrence of "spontaneous" pipeline events, damage, death and destruction is ZERO. Many pipelines, including those traversing my property, were installed nearly 100 years ago, long before

all the roadways and neighborhoods took over rural farmland. Perhaps somebody should be asking which members of our public leadership and oversight permitted the sprawling development of homes, businesses and schools within the direct proximity of "deadly pipelines"? Does the Pennsylvania public leadership owe their constituency an explanation for what has been framed as a "catastrophe waiting to happen"? Did the public leaders and developers of Marsh Creek State Park conduct an environmental impact study, before flooding their town to create a marsh creek lake that is built on top of petroleum pipelines installed 50 years prior? Was the array of pipelines for which my property deed indicate were built in 1930, were those pipelines operating when Pennsylvania built Marsh Creek? Yes, all those pipelines long predated Marsh Creek Lake, and the motivations for parks, housing developments, municipalities, sprawl and tax revenue trumped any consideration for the impact or safety of those pipelines. Perhaps there was simply no concern because the risk is essentially zero. There was no measurable risk then and there is no measurable risk now. If they did conduct a study in 1970, the conclusion was a certain no impact, no risk. When Marsh Creek Lake was built, did anybody consider the impact of the PA Turnpike on the lake, which also existed before the lake? Did anybody consider the pollution, trash, runoff or risks of a major chemical/petro truck accident in the section of the turnpike which is a direct runoff from shoulder directly into the lake?? Any consideration, before or after, of the millions of cars and trucks leaking gas, oil and litter on the roadway...which gets washed directly off the shoulder and directly into the creek?? Did anybody perform an EIS when the little remaining Marsh Creek area lands of Popjoy (Marsh Lea), where the steep-grade banks were stripped and graded, turning the creek to MUD during big rainstorms?? How about the fifty gigantic homes with on-site septic systems at Marsh Lea, sitting on the creek's edge, what happens to that sewage when a system malfunctions or overflows? I don't recall any public cancelling, picketing and harassment of contractors building houses and polluting the precious creek. I thought dumping sewage into the ground was no longer planet-friendly? I do know that liquids run downhill. The PA Turnpike is going to throw another few lanes into the roadway which runs directly adjacent and over the creek, a "watershed" into the creek, but I recall no public outrage or cancelling of highway construction workers. Does anybody test the creek water for contamination of the water and shoreline, for anything other than the possibility that a pipeline employee stamped out a cigarette on the jobsite? I read your DEP website about a report of a "mysterious substance" in the area of the pipeline project. The substance was naturally occurring "dirt", surely reported by a deranged, hysterical pipeline activist? That's what I thought. Another housing development and a bigger, louder 80-MPH highway are much higher priorities than a LAKE and wildlife refuge.

Since the network of Mariner and other pipelines which traverse my property and neighboring Marsh Creek Park existed long before the park even existed, the ambitious expansion and economic contribution of the Mariner East 2 and 2X makes perfectly good sense and poses no more risk than what was already there for the last 100 years. I'm confident that my family and neighbors are safe. And despite the minor construction mishaps and "spills" of non-toxic fluids or substances in or around the creek, I have every confidence that Energy Transfer will leave their work areas better than they found them. It's hard to describe the lengths and efforts that the company went through to route the

new pipeline through my property and neighboring creek and farm, and when they were done everything was fanatically restored. Inconsequential damages to my yard were fanatically restored. If you have a direct stake in the matter, it's easy to recognize that they operate with a culture of perfection and acting in good faith.

The public record and media archives reflect the true dangers of alternative energy transportation methods. In any one year, there are countless instances of death, destruction, explosions in one recent case an entire Vermont town exploded due to the poor maintenance and oversight of a Public utility gas distribution system. Truck and train explosions. Major inhalation events. Death and destruction. Evacuations. While surface transportation of dangerous products is largely unavoidable, necessary and commonplace, reasonable people also assign a reasonable risk assessment to those activities, despite the implicit dangers. Underground pipeline systems are many factors safer, constructed to a whole other level of standards, and constructed with the most sophisticated technology and craftspeople. Professional, unbiased people at our DEP and other oversight agencies surely share these reasonable views and should extend the same fair analysis and assessment to the legally permitted and designed Mariner project.

Thanks in advance for accepting my Comments as you carefully consider current and future Energy Transfer matters. (190)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**187. Comment**

I am familiar with the Marsh Creek nature area and its absolutely beautiful.

I am also in favor of the pipeline being constructed nearby.

The spill of 8000 gallons is unfortunate. However, an average load of a big rig tanker is 9000 gallons. Perfection is always the goal, but I feel that a pipeline is much safer for the environment compared to trucks traveling our PA roadways. (191)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

**188. Comment**

As a resident of Upper Uwchlan Township, as a resident who feeds off of this water system, as a resident living on marsh Creek lake and is effected by changes within the ecology, and as a private well owner feeding off the groundwater system ... I do not

consent to any construction until you have assured me that you understand completely this hydrology and geology thru current data and make decisions based upon data with the least amount of uncertainty ...about how this will impact groundwater and our environment. I would require seeing all data from the groundwater impact study which would be in best practice of science. Until the PADEP can offer free prior informed consent to all residents impacted, my request is for the DEP to deny all permits until DEP is able to fully inform all resident of the impacts supported by objective data. the industry must have no part in this data acquisition. this is your duty as stated thru the adherence of science, which abides by the laws of the scientific method, being an agency who claims protection of the nature (environment) we rely on, as well your duty to uphold the constitution of, PA specifically article 1 section 27 of the PA constitution. I call upon the PADEP to uphold your mission, and as individuals in the the DEP to uphold your oath. (192)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

### **189. Comment**

I am a resident of Upper Uwchlan, Pennsylvania, and I live close to Marsh Creek State Park. I want to voice my concern over the plan to move the Mariner East II pipeline back towards the park.

Snnoco still has not sufficiently cleaned up the drilling spill that occurred in Marsh Creek State Park ten months ago. The drilling fluid is still in the lake and the cove it damaged is still blocked off. From what I've heard there is no timeline for the spill to be cleaned, posing continued hazards to wildlife that live in and near the lake as well as the many people who visit the park. Residents near the park were told that the drilling fluid is benign; however, commnunications from the park have stated that it can be a respiratory hazard. The more time it sits in the lake, the more chances there are for wildlife and people to be harmed. Snnoco should have to fix the problems it has brought to the park and to our neighborhoods before any more drilling occurs.

The amonnt of new sinkholes in this region directly connected to Mariner East pipeline construction is also worrisome. Part of the drilling spill near the park involved a new sinkhole. Is it certain that this region is geologically sonnd enough for such a large pipeline carrying such volatile chemicals? Could another sinkhole form along the

pipeline in the future, potentially damaging the pipeline and putting the park and the surrounding area in grave danger?

This pipeline has created a great amount of destruction already to our neighborhoods across Chester County. The prospect of continued damage to our streams, our parks, our yards, and our communities is not right.

Please do not let Snnoco excavate more land near the lake and streams of Marsh Creek Park. Please do not let Snnoco drill near our homes, our schools, our businesses. Please stop this now before more damage occurs. Thank you for your time. (193)

Letter – [Christina Dorn](#)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

The Department is satisfied that an in-depth analysis of the alternatives has been completed. Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

### **190. Comment**

Gentleman: I wish to support Rebecca Britton and the Uwchlan Safety Coalition in their opposition to the pipeline, which is threatening homes and parks with its lethal fluids. Please revoke Sunoco's permit to operate the pipeline. Too many lives are at stake, for a pipe that benefits no one but its faraway owners. (194)

Letter – [Lewis Birmingham](#)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

### **191. Comment**

I encourage the Pennsylvania Department of Environmental Protection to approve Energy Transfer's request to change the installation method for a portion of the Mariner East 2 pipeline in Upper Uwchlan Township, Chester County.

Energy Transfer's engineers and environmental consultants evaluated many options to develop the best overall method that maximizes public and environmental safety for this portion of pipeline installation. Specifically, this proposed route directs construction away from Marsh Creek Lake and changes from horizontal directional drilling to open

cut installation for a portion of this work, which will eliminate the potential for inadvertent returns.

This is one of the last sections of the 20-inch Mariner East 2 pipeline to complete in Chester County, and the final permit approval needed to complete the project. The 16-inch Mariner East 2X pipeline has already been installed in this area.

Mariner East offers critical infrastructure needed to move regionally produced natural gas liquids to the Marcus Hook Industrial Complex in Delaware County, where it is processed, stored and shipped regionally and beyond. With offtake points in operation and planned along the route, propane is available for things like home heating, cooking and agriculture, and as a cleaner, alternative fuel source.

In addition to propane access, we rely on natural gas liquids and byproducts to manufacture the products we use every day, from laptops to clothing to toothpaste. Now more than ever, these byproducts are used to manufacture materials that have been critical to the pandemic response and to vaccine distribution, including certain PPE, hand sanitizers, cleaning products and plastics for vaccine syringes.

Access to natural gas liquids is critical to maintaining quality of life, and pipelines remain the safest and most efficient way to move large quantities of these resources where they're needed. (22, 27, 195 - 861)

### **Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

### **192. Comment**

I urge the Department to consider Sunoco's repeated history of cutting corners and violating the law before acting on Sunoco's requested major modification at horizontal directional drilling site S3-0290. As the Department is well aware, residents have been raising serious concerns about this site for years. The proposed major modification does not alleviate those concerns.

The Department knows that this is the site at which Sunoco, in August 2020, spilled over 8,000 gallons of industrial waste into Marsh Creek Lake, rendering significant portions of this recreational refuge and drinking water source polluted and inaccessible. Now Sunoco is proposing, seemingly in response to this spill, open-cutting the land and waterways in order to continue construction of its pipeline. This method is generally understood to maximize surface destruction, and also to be the cheapest and fastest way to get a pipe in the ground. Sunoco has provided the Department with only limited and poorly explained alternatives regarding its proposal. This superficial analysis is unacceptable, particularly

given Sunoco's record here.

This is just another example of Sunoco's attempts to cut corners in favor of its own bottom line and at the expense of communities and natural resources. I urge the Department to keep those communities and natural resources in mind and not permit Sunoco to proceed. (126, 205, 207, 862 - 1476)

**Response**

The Department acknowledges the Commentator's Comment regarding this proposed major permit amendment to the Mariner East II within Upper Uwchlan Township, Chester County. Thank you for taking the time to provide the Department your Comments and opinions, they have been considered during our review of this application.

Compliance history is a part of the Department's review of applications. While Sunoco/ET has had numerous issues with compliance, it is entering into a Consent Order and Agreement (CO&A) with DEP and DCNR that will bring it into compliance for issues related to the cleanup of its August 10, 2020 spill of drilling fluids into Marsh Creek Lake. See Response to Comment # 37 for more information on the CO&A and the Department's review of the applications for permit modifications.

**193. Comment**

Energy Transfer's submitted plan for Mariner East HDD290 involves open trench construction even closer to Marsh Creek Lake and crosses a wetland and two creeks which feed into the lake. This proposed plan risks impacting this valuable natural resource, wildlife habitat, treasured state park, drinking water source and private properties once again. This plan may be better for Energy Transfer's profits, but not for the environment.

We have seen the effects that poor planning and execution on this dangerous pipeline project have caused across Pennsylvania, including Chester County - sinkholes, seeps, impacted aquifers feeding public and private wells, sediment discharges into waterways, etc. Once again, Energy Transfer has submitted a construction plan without fully assessing the potential impacts, environmental and otherwise.

I request that the Department of Environmental Protection soundly reject this proposal for Mariner East construction at Marsh Creek Lake. Instead the DEP should require Energy Transfer to conduct a complete field investigation of the plan they previously submitted as "technically feasible" which takes construction away from the lake. (63, 174, 184, 1101, 1316, 1354, 1392, 1403, 1478 - 1910)

**Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

#### **194. Comment**

Thank you for registering my public Comments opposing HDD-290. I would have shared these publicly at the hearing yesterday, but a personal emergency prevented my ability to attend. I am a resident of the development impacted by the new open cut route; I live on Highview Road. I want to preface my Comments by saying I'm a generally moderate person, independent politically, and fully understand the many factors at play in this situation. I was tolerant of the pipeline drilling work that's been taking place surrounding our neighborhood for years, understanding the business reasons and appreciating the efforts taken not to disturb the residents in the area and safely pass marsh creek. I'm also an architect and construction project manager by trade, working in the commercial interiors industry for almost two decades, overseeing multi million-dollar construction projects with multiple stakeholders. I offer this last fact to underline the point that I understand the complex decisions being made in order to finish the work in this area.

However, it's that perspective from which I also share my three main oppositional points:

- This new route is being proposed based on 'desktop' review. I fully understand and want to emphasize to my friends and neighbors, how incredibly short sighted and selfish this is. I know full well that a majority of issues during active construction can't be solved based on desktop or plan review...when houses look like little white boxes, and roads like lines, and the reviewer is fully and ethically removed from the real impact of the solution. I can't tell you how many times I've been on the phone, reviewing construction plans with contractors and engineers in the field and they'd say to me, "you really need to see this". We cannot approve a solution that ignores a better proposed path (which appears to impact very few residences) with what I call a 'ram rod' solution that bullies and bulldozes (literally) through the lives of dozens of families and impacts hundreds of others, based on a few basic measurements and no field review. It's lazy, irresponsible, borderline negligent and absolutely bad practice.
- This new route benefits only one side of the impacted parties, the builder/Sunoco/Energy Transfer. Residents, townships, the state, especially those with property impacts, PLEASE don't give up your power. Whatever concessions and compensation they're offering you, whatever promises they're making...if they're based on 'desktop' reviews, I can assure you they're worthless and



desperately undervalue the impact you will endure as they have only a fraction of the full picture understanding of what this will actually entail. I beg you to hold firm, in every bit of your power, and insist on fair compensation for the YEARS of impact this will have on your properties and quality of life. Fight until these companies are paying you what you deserve, in order to save them millions taking the better, proposed route they are fully ignoring in order to prioritize their convenience and bottom line.

- Lastly, to the authorities responsible for approving these plans, please remember your power. I know you've probably come to a working relationship with the builder/Sunoco/Energy Transfer. I know all good project teams build relationships and camaraderie that help complete the project smoothly. I don't know the nature of this project team but beg you to remember your responsibilities and please carry the voices of us, the impacted constituents, forward in your negotiations. Any negotiation starts with two extremes, and ideally lands somewhere in the middle. I'm asking you to please ensure this first, ill thought, highly disruptive solution is rejected, and force the plan reviewers to do a more thorough solution exploration so a better compromise can be found.

Thank you for taking the time to listen/read my Comments and I hope to attend a hearing in the future, as a moderate and independent voice, commending all sides for finding a thoroughly vhetted best case scenario solution for all involved, given all complications. Thank you for allowing my voice as part of this project team. (1477)

### **Response**

Thank you for your Comments. The Department is satisfied that an in-depth analysis of the alternatives has been completed. This was one of the first technical Comments made after receiving the initial permit amendment request.

Most of the unexpected geotechnical issues related to this portion of the pipeline installation resulted from the implementation of trenchless technology methods. The change in method to an open trench installation will result in more control over the impact limits, and a more clearly defined construction timeline.

Various open trench alignments were considered and while the preferred alternate does directly impact waters of the commonwealth, the other options had a much higher impact on adjacent property owners, emergency management services, and infrastructure facilities related to roadways and utilities. The proposed plan does contain impacts to waters of the Commonwealth, but also provides clearly defined limits and provides for their total restoration, which includes impacts from previous incidents.

Other locations where trenchless methods have been revised to construction with the open trench method have proven to be completed with minor issues that have been mitigated through restoration. The Department plans on having an active presence at this site during construction.

All relevant documents for this project are available at <https://www.dep.pa.gov/About/Regional/SoutheastRegion/Community%20Information/Pages/Marsh-Creek-Lake-HDD-290.aspx>

### **195. Comment**

Energy Transfer's submitted plan for Mariner East HDD290 involves open trench construction even closer to Marsh Creek Lake and crosses a wetland and two creeks which feed into the lake. This proposed plan risks impacting this valuable natural resource, wildlife habitat, treasured state park, drinking water source and private properties once again.

At a recent 'public meeting' online there were several folks from Energy Transfer's cadre extolling the benefits for the PA economy. None of them discussed how Energy Transfer had not yet cleaned up marsh creek lake from their last spill several months ago.

None of them mentioned the myriad of ways Energy Transfer has harmed and mistreated residents of Pennsylvania along the path of Mariner East. There are hundreds of families in just a five-mile stretch of the Mariner East here in Chester County. Hundreds more in another five mile stretch in Delaware County. There are dozens, perhaps hundreds or thousands of wells along the path of the Mariner East that have been polluted with no compensation. There is a particularly awful example of a family in Delaware County that was fought by Energy Transfer when their well came up with bad water shortly after Energy Transfer was working in their area. The drilling apparently went through an area that was already known to have been polluted by the 90-year-old line. ANY study of the area would have turned up that record. The family has already invested over \$40,000 and their problem seems as though it cannot be resolved. We do not think that Energy Transfer did an adequate job of studying the impact the pipeline would have in order to revise its path accordingly. It feels like there was a quick line drawn on paper and then approved without consideration of the imminent danger to people, place, or environment. The pipeline in being installed within feet of our schools, libraries, homes, business centers, assisted living residences, apartment complexes. Sinkholes are developing now within feet of these. Sinkholes are likely to continue in areas where we can only hope that the pipelines survive. Somehow no one is listening to the real concerns of residents of Pennsylvania. Energy Transfer is an out-of-state company abusing loopholes in our regulatory system and abusing Pennsylvania residents.

We locals just do not trust this company that has had over one hundred PA violations (mostly because residents brought them to the attention of our PA regulatory agencies --- not because Energy Transfer self-reported). None of the speakers supporting Energy Transfer mentioned the years' delay in conducting their pipeline installation efforts in Southeastern PA neighborhoods where the individuals were told "You will never know we're here." During the COVID stay-at-home orders, Energy Transfer worked months on end (sunrise to sunset and sometimes through the night) with pounding that vibrated entire houses. None of the online speakers supporting Energy Transfer mentioned the many sinkholes caused in backyards and side yards of residences that scare the living daylight out of local residents. We normally live with sinkholes in this area of SE

Pennsylvania -- at the parking lot of King of Prussia Mall, at the junction of the Schuylkill Expressway and Route 202, as a normal course of big rains. None of the Energy Transfer "studies of the geology" made any reference to this everyday occurrence -- instead Energy Transfer comes in with drill bits blazing, pumping millions of gallons of water each day for weeks on end out of our groundwater supplies to keep their bore hole dry, causing sinkholes within inches of their two operating lines and professing that there is nothing wrong. There is one 90-year-old pipe in there that used to leak when it was not under pressure -- back when it sent petroleum in the other direction from the Philadelphia port. It now carries waste products from fracking under extreme pressure that have 'value' to a Scotland manufacturer of single use plastics. This pipe is within inches of a newer pipe carrying the same material. And now they are constructing a third in the same easement. The speakers referred to how wonderful it was to have another 'natural gas pipeline' bringing this lower cost natural gas supply to our homes. Bull. Energy Transfer has sent literature to our homes that is incredibly misleading trying to make us believe that it is natural gas in that pipeline, and it is being supplied to homes locally. At least one or two of the western and central PA politicians who spoke at the online hearing actually used these words and spoke in support of this 'wonderful local resource'. Energy Transfer has money to spend on lobbyists to make some politicians believe there is a PA benefit for the \$2 billion in tax breaks that PA gave to Energy Transfer. But, in return, this company has nothing to compensate those who have lost their wells. Instead, they choose to fight these families who never expected their land to be taken by eminent domain for a commercial effort to EXPORT. Something has been wrong with this arrangement from the beginning. Energy Transfer got a local union rep to speak online on their behalf about all the good jobs that the pipeline has been bringing. No one mentioned that the number of pickup trucks with Texas license plates in neighborhoods near the pipeline has been overwhelming. And the imported labor has not acted like hardworking family men who understand the strain they are causing in neighborhoods. They speed on local roads, park wherever they want, abuse the local noise ordinances and the negotiated hours of operation. One even had the audacity to park his Texas-plated pickup in the middle of two handicap parking spots at a local business. This company has not won any local advocates with their pipeline or their behavior. We'd all love to see them go.

Their proposed plan at Marsh Creek may be better for Energy Transfer's profits, but it is not better for the environment and, of course, not better for the neighborhood.

We have seen the effects that Energy Transfer's poor planning and execution on this dangerous pipeline project have caused across Pennsylvania, including Chester and Delaware Counties - sinkholes, seeps, impacted public and private wells, sediment discharges into waterways, etc. Once again, Energy Transfer has submitted a construction plan that suits Energy Transfer's own purpose without fully addressing the potential impacts, environmental and otherwise.

I request that the Department of Environmental Protection soundly reject this proposal for Mariner East construction at Marsh Creek Lake. Instead the DEP should require Energy

Transfer to conduct a complete field investigation of the plan they previously submitted as “technically feasible” which takes construction away from the lake. (1911)

**Response**

Thank you for your Comments.

See Response to Comment # 37 for more information on a Consent Order and Agreement (CO&A) recently entered into between Sunoco/ET and DEP and DCNR that addresses compliance issues regarding its August 10, 2020 spill of drilling fluids, as well as additional information on the Department’s review of the Chapter 102 and Chapter 105 permit modification requests.

See Response to Comment # 185 for more information on how Sunoco/ET is required to address any adverse impacts from its pipeline construction to water supplies.

See Response to Comment # 192 for more information on compliance history considerations in reviewing permit applications.