

Commonwealth of Pennsylvania
Department of Environmental Protection
Southcentral Regional Office
September 21, 2017

Subject: Sunoco Pipeline LP/Doyleburg Station/Mariner East
Addendum Memo
Toboyne Township, Perry County
Permit No. 50-03006

To: William Weaver *WW 9/21/17*
Regional Manager
Air Quality Program

Thru: Thomas Hanlon, Chief *TH 9/21/17*
East Permitting Section
Air Quality Program

From: Darrell Hartline *DH 9/21/17*
East Permitting Section
Air Quality Program

Comment Period

Copies of the proposed permit were submitted to Mr. Matthew Kraus of Tetra Tech Inc. representing Sunoco Pipeline LP (SPLP) on December 22, 2014. Mr. Kraus did not have any comments.

Notice of the Department's intent to issue the operating permit was published in the Pennsylvania Bulletin on 1/3/15. In response to the posting, DEP received, during the comment period until 2/2/15, 439 form letter emails. 11 similar emails were also received after the end of the comment period, some of them from persons who had earlier commented.

The emails generally addressed the following items:

Comment 1: *requested that DEP reject the Sunoco applications for Shirley Township (Huntingdon County), Londonderry Township (Dauphin County), and Toboyne Township (Perry County) as they would increase local air emissions and set a dangerous precedent for NGL transport through the corridor.*

DEP Response: The air emissions from this facility were determined by DEP to be de minimis, and as such are not expected to result in any measurable health or environmental issues. Furthermore, the permit action under consideration is for an air quality permit for the new pump station, and does not concern the pipeline that runs between the stations.

Comment 2: *requested that DEP hold public hearings on each of these three applications.*

DEP Response: In March of 2015, DEP informed the commenters that “*After considering the public hearing requests received, DEP has concluded that there is not sufficient local interest in any of the three applications to merit holding public hearings. Nevertheless, we are in receipt of your emailed comments, and will consider them prior to taking final action on the affected permits.*”

Comment 3: *requested that DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Mariner East NGL pipeline project, including emissions from the 18 proposed pumping stations, the hydraulically fractured wells at the point of extraction, the MarkWest gas processing facility, the Marcus Hook fractionation and shipping facility, and the fugitive emissions from the entire 350-mile pipeline route.*

DEP Response: DEP believes that it is contrary to law and to recent court decisions, to aggregate, for air permitting purposes, this pump station with other pump stations or facilities on, or connected with the Mariner East pipeline. This facility is neither contiguous with nor adjacent to the other pump stations. Furthermore, the aggregation of this facility with the other pump stations would not meet the common sense notion of a plant.

Copies of these comment items, and a list of commenters, are included as attachments to this memo.

Addendum Submittal

A permit application addendum was submitted by SPLP on September 9, 2016 because the emissions associated with the Doylesburg Station have been recalculated based on:

- Updated equipment information including flare pilot gas flow rate,
- More detailed information regarding maintenance activities,
- As-built Piping and Instrumentation Diagrams (P&IDs),
- Current equipment specific emission factors, and
- A more conservative flare emission estimate utilizing the manufacturer’s guaranteed design destruction and removal efficiency of 98%.

The revised potential emissions estimates are 0.06 tpy of NO_x, 0.24 tpy of CO, 0.76 tpy of VOCs, 0.01 tpy of Methane and 108 tpy of GHGs.

Note: On December 14, 2016, the Environmental Protection Agency issued minor revisions to AP-42 Section 13.5: Industrial Flares. As a result, the VOC emissions from the flare pilot gas increased by 0.02 tpy.

As part of the ongoing review of this permit, the Department has looked further into the issue of aggregation of the facility with other nearby sources owned by SPLP. They provided supplemental information to their aggregation analysis on 2/16/16. The closest facility identified was the Shade Valley Road/Highway 35 Block Valve located approximately 7.6 miles away. There is no interdependence between operation of the Shade Valley Road/Highway 35 Block

Valve and the Doylesburg Station. As a result the Department has determined that no emissions need to be aggregated with those of the Doylesburg Station. Sunoco also included an aggregation analysis in the 9/9/16 application update. This was identical to the 2/16/16 submission.

There is no confidential documentation in the updated application and supporting emails.

Revisions to Draft Permit:

In order to promote regional consistency and consistent permit conditions between the various similar Sunoco sites, the permit conditions for Doylesburg have been revised to be like those for the recently issued Sunoco West Cornwall permit. The West Cornwall permit was re-drafted for consistency with two Sunoco permits in DEP's Southeast Region. Please refer to the attached review memo for West Cornwall, which describes the changes.

Also, the West Cornwall permit was revised to include a minor significance determination for fugitive emissions under 25 Pa. Code Section 123.1. Please refer to the attached second addendum memo for West Cornwall, which describes this determination. Consistent with that action, DEP is also formalizing its determination that the air emissions expected from the Doylesburg Station, including both stack and fugitive emissions are of minor significance with regard to causing air pollution, and will not, on their own merits, prevent or interfere with the attainment or maintenance of an ambient air quality standard. A condition will be placed in the operating permit to this effect. DEP makes this determination because the post-control emissions from the site:

- 1.) do not meet the criteria for needing an air quality permit and
- 2.) do not meet the criteria for a de minimis emission increase under 25 Pa. Code Section 127.449.
- 3.) are much smaller than the emissions from many other legally operating sources in the Commonwealth.
- 4.) have not been shown to cause any environmental problems during normal operation.

Perry County is currently designated as attainment for the 2008 ozone NAAQS. Also, since Perry County is located within the Ozone Transport Region, it is treated as moderate nonattainment for emission offset purposes. With regard to particulate pollution, Perry County is currently designated as attainment for the 2012 annual PM_{2.5} NAAQS. As a minor source with post-control emissions below air permit thresholds, the Sunoco Doylesburg facility is not expected to meaningfully affect local or regional compliance with ambient air quality standards.

The following condition will be placed in Section C of the permit, "The potential fugitive plus stack emissions from this facility, after appropriate control as prescribed in this permit, have been estimated as follows: 0.06 tpy of NO_x, 0.24 tpy of CO, 0.76 tpy of VOCs, 0.01 tpy of Methane and 108 tpy of GHGs. The Department has determined these emissions remaining after appropriate control are of minor significance with regard to causing air pollution, and will not prevent or interfere with the attainment or maintenance of an ambient air quality standard."

The Responsible Official and Permit Contact Person were updated per an email received on August 9, 2017.

Conclusions and Recommendations

I recommend that the revised draft Permit No. 50-03006 be redistributed for comments.

Attachments

cc: Permits/SC Region 50-03006, B3

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Email Commenters in 2015

Re: Draft Air Quality Operating Permit Nos. 50-03006, 22-03094 and 31-03036

for the Sunoco Pipeline LP facilities in Toboyne Twp., Perry Co.; Londonderry Twp., Dauphin Co.; and Shirley Twp., Huntingdon Co.

[1]

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Email Commenters in 2015

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for the Sunoco Pipeline LP facilities in Toboynne Twp., Perry Co.; Londonderry Twp., Dauphin Co.; and Shirley Twp., Huntingdon Co.

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157	Horowitz	Laura	6544 Darlington Rd	Pittsburgh PA 15217	12newmoons@gmail.com	
158	Bookheimer	Donna	31B Douglass House	Douglasville PA 19518	vampires24@yahoo.com	484-553-4783
159	Schacht	Timothy	1330 Whittier Rd	Grosse Pointe Park MI 48230	drtim@speakeasy.net	313-884-0263
160	Kegan	David	885 Torbert Ln	Jersey Shore PA 17740	dbkagan@comcast.net	570-753-5547
161	Lawrence	Michael	10 Saxony Dr	Harrison City PA 15636	meekel82@gmail.com	412-848-7552
162	Wilson	William	32 S 19th St	Allentown PA 18104	bbill481959@yahoo.com	610-393-0942
163	Schmid	Linda	109 Whitby Pl	Gibsonia PA 15044	leschmidt@gmail.com	724-443-0169
164	Miller	Jack	130 Delong Rd	Middleburg PA 17842	imiller1018@yahoo.com	570-837-6546
165	Underwood	Todd	424 Fairview Dr	Kutztown PA 19530	tlunderwood@gmail.com	
166	Shuben	Jeffrey	46204 Delaire Landing Rd	Philadelphia PA 19114	jeffreyshuben@yahoo.com	215-632-2933
167	Shuben	Jeffrey	46204 Delaire Landing Rd	Philadelphia PA 19114	jeffreyshuben@yahoo.com	215-632-2933
168	Bush	Marie	7 Ashlawn Rd	Malvern PA 19355	ibush7@hotmail.com	

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[5]

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172	Kinslow	Janis	514 Schick Rd	Aston PA 19014	kinslowia@comcast.net	610-361-3490
173	Boyne	Jonathan	Kakeia Dr	Honolulu HI 96822	boyne@hawaii.edu	
174	Clemens	Kim	439 S Wyomissing Ave	Shillington PA 19607	kimberlyclemens@aol.com	
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177	Tucker	Jeffrey & Miriam	41 Solebury Mtn Rd	New Hope PA 18938	jefftucker@comcast.net	215-862-2498
178	Geiger	Melinda	74 Seldom Seen Rd	Bradford Woods PA 15015	imgeiger@mac.com	724-799-2142
179	Davey	Robert	539 Willow Ave	Scotch Plains NJ 07076	robertdavey@gmail.com	
180	Fishkin	Lana	171 Gramercy Rd	Bala Cynwyd PA 19004	lanafishkimd@gmail.com	610-667-3789
181	Schumacher	M. A.	2704 Mohican Ave	Independence MO 64057	mas2704mo@yahoo.com	795-1945
182	Walker	Christopher	2910 Breckenridge	Benton AR 72015	amrak63@outlook.com	
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185	Lowans	Jennifer	219 Wilkison Ln	Fayetteville PA 17222	ezrawevey@gmail.com	717-352-3842
186	Mullen	Charles	6100 Ronald St NW	Canton OH 44718	c.b.mullen@sbcglobal.net	330-280-6727
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[6]

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263	Talbot	J	305 W Milton	Austin TX 78704	talbot@talbotworld.com	717-756-1372
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267	Claus	Carol	651 Foxcroft Circle SE	Marietta GA 30067	cdclaus@mindspring.com	770-955-5119
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273	Brinton	Jasper	1044 Western Rd	Phoenixville PA 19460	jasperbrinton@mac.com	610-935-2851
274	McShane	Mari	333 Lucille St	Pittsburgh PA 15218	mcshane@stat.cmu.edu	412-247-0754
275	Cavallo	Janet	1276 Providence Rd	Secane PA 19018	squirrelbuddy@aol.com	610-328-1621
276	MacDougall	Scott	125 Mercer St #1	Jersey City NJ 07302	turasior@gmail.com	973-997-8452
277	Zazow	Jamie	733 Marine St	Santa Monica CA 90405	izazow@roadrunner.com	310-699-6950
278	MacDougall	Scott	125 Mercer St #1	Jersey City NJ 07302	turasior@gmail.com	973-997-8452
279	Zazow	Bernice	2401 Pennsylvania Ave Apt 2C41	Philadelphia PA 19130	izazow@adelphia.net	215-235-4349
280	Bible	Lee	155 Cherry Ln	Abbotstown PA 17301	acadiatigh@yahoo.com	717-855-0282
281	Cush	Dan	206 10th St	Aspinwall PA 15215	naha1111marti@comcast.net	412-781-6978
282	Showers	Sterling	619 N Hartley St	York PA 17404	sfs7837@yahoo.com	717-848-1265
283	Meltzer	Gwenn	1847 Constitution Ave 506	Woodlyn PA 19094	gween2006@hotmail.com	610-499-5095
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285	Bianco	Dominica Lo	609 Convent Rd	Aston PA 19014	jobianco12@yahoo.com	610-558-7742
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288	Mathews	Arthur	Fay Place	Summit NJ 07901	artmathews@verizon.net	
289	Jankus	Murray	One Makefield Rd Apt J-381	Morrisville PA 19067	mlankus@comcast.net	215-208-7378
290	Smith	Catherine	383 Olde House Ln	Media PA 19063	catheris@mindspring.com	215-988-2700
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294	Todd	Steve	629 Bullfrog Valley Rd	Hummelstown PA 17036	steventodd@hotmail.com	

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324	Snavelly	Marie	445 S Cedar St	Lititz PA	17543	fatmainecat@yahoo.com	717-626-5195
325	Sadowskas	Bruce	472 Pennsylvania Ave	Reading PA	19606	besad@otd.net	610-779-9698
326	Sharlock	Clark	4782 Havana Dr	Pittsburgh PA	15239	getyoursharkwared@aol.com	
327	Cohen MD	Robert M	2401 Pennsylvania Ave	Philadelphia PA	19130	folklod@comcast.net	215-732-2448
328	Miller	Jack	130 DeLong Rd	Middleburg PA	17842	iniller1018@yahoo.com	570-837-6546
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359	Baker-Smith	Gerritt & Elizabeth	338 Braeside Ave	East Stroudsburg	PA 18301	gebakersmith@gmail.com	570-369-4485
360	Greene	David	283 Carpenter Ln	North Huntingdon	PA 15642	david.greene5@comcast.net	412-673-0504
361	Greene	David	283 Carpenter Ln	North Huntingdon	PA 15642	david.greene5@comcast.net	412-673-0504
362	Fox	Kathy	1513 Elm St	Bethlehem	PA 18017	kathyfox@yahoo.com	908-319-8418
363	Girvin	Curtis	312 N 39th St	Harrisburg	PA 17109	curtis.girvin@verizon.net	717-587-8018
364	Oerke Jr	Carl	264 Lexington Dr	River Edge	NJ 07661	carl_oerke@yahoo.com	201-489-0867
365	Hart	Kathy	12 Summit Ln	Successuma	NJ 07876	kathyhart@gmail.com	
366	Kline	Debra	Bolivar	Bradford	PA 16701	dkline8989@yahoo.com	
367	Raddell	Peter	508 5th St	Mt Gretna	PA 17064	s.putnik@verizon.net	717-503-6771
368	Comella	John	1900 JF Kennedy Blvd Apt 1624	Philadelphia	PA 19103	john.comella1@gmail.com	267-687-2288
369	Koplinka-Loehr	Sara	135 S 19th St 300	Philadelphia	PA 19103	skl@cleanair.org	215-567-4004
370	Borres	Kathleen	6371 Kemener Hollow Rd	Export	PA 15632	contini-borres@luno.com	
371	Bedard	Mark	29900 Gloria St	St Clair Shores	MI 48082	mbedard5150@gmail.com	808-343-1471
372	Stewart	Kathy	6510 Union Deposit Rd	Harrisburg	PA 17111	gram-s@comcast.net	
373	Ober	Jamie	1833 Upper Rd	Shamokin	PA 17872	dennisober@hotmail.com	8888888888
374	Struble	Mitch	2006 Naudain St	Philadelphia	PA 19146	elburtsm@yahoo.com	215-732-5868
375	Giulieri	Jason	5160 Cypress St	Pittsburgh	PA 15224	jasongiulieri@gmail.com	412-760-8507
376	Dorn	Valerie	812 Bennington Rd	Folcroft	PA 19032	vdorn@yahoo.com	610-532-3513
377	Friday	Jean	5127 Cedar Hills Blvd	Belle Vernon	PA 15012	elfriday@atlanticbb.net	724-930-9848
378	Comella	John	1900 JF Kennedy Blvd Apt 1624	Philadelphia	PA 19103	john.comella1@gmail.com	267-687-2288

Email Commenters in 2015

Re: Draft Air Quality Operating Permit Nos. 50-03006, 22-03094 and 31-03036

for the Sunoco Pipeline LP facilities in Toboyne Twp., Perry Co.; Londonderry Twp., Dauphin Co.; and Shirley Twp., Huntingdon Co.

[10]

#	LAST NAME	FIRST NAME	ADDRESS	CITY, STATE, ZIP	EMAIL ADDRESS	PHONE #
379	Sonin	John S	329 5th St	Juneau AK 99801	solohn61@hotmail.com	907-586-8212
380	Steinberg	Ruth	103 Knollwood Dr	Tinton Falls NJ 07724	ruthsteinberg71@gmail.com	
381	Grimley	Chris	52 Shannon Rd	North Wales PA 19454	grimleyvc@live.com	
382	Greinke	Pamylle	PO Box 456	Peconic NY 11958	pamylle1@gmail.com	
383	Friday	Jean	5127 Cedar Hills Blvd	Belle Vernon PA 15012	efriday@attantcbb.net	724-930-9848
384	Kashner	Dale	313 Claremont Dr	Seven Valleys PA 17360	drkashner@comcast.net	
385	Gulla	Ronald	302 Linden Creek Rd	Canonsburg PA 15317	fight11@verizon.net	724-745-3962
386	Gulla	Ronald	302 Linden Creek Rd	Canonsburg PA 15317	fight11@verizon.net	724-745-3962
387	Papandrea	John	110 W 90 St	New York NY 10024	jpap100@aol.com	
388	Stober	Phil	80 N Cornwall Rd	Lebanon PA 17042	pstober80@comcast.net	717-277-5461
389	Parowski	Paul	361 Eaglebrook Ln	Richfield PA 17086	paulparowski1@verizon.net	570-539-4283
390	Pendleton	Shannon	815 Fetters Mill	Bryn Athyn PA 19009	sandersondesign@gmail.com	609-933-4872
391	Richard	Bryn	552 Holmes Rd	Morton PA 19070	bryn_r@ecolofund.net	2150000000
392	Leitch	Mary Ann	526 Reed St	Philadelphia PA 19147	mleitch@live.com	215-271-7878
393	Goldstein	Libby J	331 Queen St	Philadelphia PA 19147	gorbetrarsi@verizon.net	215-465-8878
394	Goldstein	Libby J	331 Queen St	Philadelphia PA 19147	gorbetrarsi@verizon.net	215-465-8878
395	Swirley	Thomas	9808 State Highway 249	Knoxville PA 16928	tswirley@gmail.com	814-326-4096
396	Seeger	Kimberly	11373 US Rte 422	Kittanning PA 16201	kimmiland@hotmail.com	724-354-4657
397	Keddig	Joyce	509 Singer Dr	Madison TN 37115	joycereddig@gmail.com	
398	Kosowicz	Aleks	12876 N Balsam Rd	Hayward WI 54843	guerilawordfare@yahoo.com	
399	Kite	Richard	Brown St	Colie NY 12345	colonelledamyc@aol.com	
400	Huddings	Margaret	409 W Union St	West Chester PA 19382	mhuddings@gmail.com	610-692-3849
401	Nash	Nora	609 S Convent Rd	Aston PA 19014	mash@stphila.org	610-558-7661
402	Glazer	Gerttude	68 E Prospect St	Hopewell NJ 08525	freerangemusic@yahoo.com	609-466-2818
403	Herrin	Doug	2132 N Hancock St	Philadelphia PA 19112	dougherrin@me.com	
404	Wolfgang	Ken	541 W Elliot St	Philadelphia PA 19119	kenwolfang@gmail.com	267-252-6717
405	Riddle	Carolyn		Austin TX 78758	riddlegame@gmail.com	
406	Vaughn	Bob	3016 W Harbor View Ave	Tampa FL 33611	vaughnbohb@gmail.com	
407	Koplinka-Loehr	Michael	118 Ross Rd	Lansing NY 14882	mak11@cornell.edu	607-592-8437
408	Payan	Maria	9 Aubel Rd	Delta PA 17314	psayans@zoominternet.net	717-456-5800
409	Harralson	David	3629 Lanckershim Blvd	Hollywood CA 90068	davidharralson@hotmail.com	
410	Tine	Tina	414 N Forest Park Blvd #725	Knoxville TN 37919	tina.m.tine@gmail.com	865-307-3566
411	Herry	William	117 Harshaville Rd	Clinton PA 15026	wfh@zoominternet.net	724-899-3271
412	Armm	Edward	15 Tennis Rd	Lake Hopatcong NJ 07849	edarmm@hotmail.com	973-663-4291
413	Hochheiser	Harry	5742 Woodmont St	Pittsburgh PA 15217	hshoch@gmail.com	
414	Everett	William	1055 W 27th Ave	Anchorage AK 99503	aestevalis.0@yahoo.com	666-420-6969
415	Born	Bernice	612 Avey St	Pittsburgh PA 15212	edward.born@verizon.net	
416	Armm	Edward	15 Tennis Rd	Lake Hopatcong NJ 07849	edarmm@hotmail.com	973-663-4291
417	Hartleben	Christian	732 Spring Ln	Philadelphia PA 19128	prophit1970@gmail.com	215-482-1012
418	Leavy	William	2031 Placita de Vida	Sante Fe NM 87505	quatermass5@hotmail.com	000-000-0000
419	Perron	Andrew	7227 Penn Ave	Pittsburgh PA 15208	dwerrdn@gmail.com	412-657-2084
420	Safer	Daniel	3305 Hamilton St	Philadelphia PA 19104	saferdan@hotmail.com	000-000-0000

Email Commenters in 2015

Re: Draft Air Quality Operating Permit Nos. 50-03006, 22-03094 and 31-03036
for the Sunoco Pipeline LP facilities in Toboynne Twp., Perry Co.; Londonderry Twp., Dauphin Co.; and Shirley Twp., Huntingdon Co.

#	LAST NAME	FIRST NAME	ADDRESS	CITY, STATE, ZIP	EMAIL ADDRESS	PHONE #
421	Grimley	Chris	52 Shannon Rd	North Wales PA 19454	grimleyc@live.com	
422	Focht	Linda	50 Glen Oley Dr	Reading PA 19606	ljfocht@hotmail.com	
423	Moore	Barbara	4652 Cheryl Dr	Bethlehem PA 18017	msgemstone@att.net	
424	Hochheiser	Harry	5742 Woodmont St	Pittsburgh PA 15217	hshoch@gmail.com	
425	Guzman	Joseph	87-39 98th St	Woodhaven NY 11421	joguzzw@aol.com	718-704-7023
426	Lyons	Jonathan	196 Mountaintview Rd	Lewisburg PA 17837	Jonathan.lyons@bucknell.edu	570-577-8124
427	White	Chuck	1233 Victoria Ln	West Chester PA 19380	cpw048@gmail.com	610-220-2036
428	Sugarman	Steven	PO Box 923	Mallibu CA 90265	wrathchild62@gmail.com	310-963-6536
429	Janusko	Robert & Donna	1329 Eaton Ave	Bethlehem PA 18018	482b71e1@opayg.com	610-849-2212
430	Binder	Caroline	1140 Union Church Rd	McConnellsburg PA 17233	m.s.c.binder@gmail.com	570-489-8409
431	Laverne	David	844 Lincoln St	Dickson City PA 18519	backpack2@comcast.net	
432	Gelfand	Carol	478 Byrlee Dr	Pittsburgh PA 15237	carolegelfand@mac.com	412-367-1921
433	Morelli	Erin	1322 Mary Jane Ln	West Chester PA 19380	erinnorelli@hotmail.com	484-614-6783
434	Neill	John	1254 Longford Rd	West Chester PA 19380	johnkb24@verizon.net	
435	Rapp	Susan	1239 Victoria Ln	West Chester PA 19380	sr19380@yahoo.com	
436	Miller	Michael	102 Lynn Circle	West Chester PA 19380	mshiller@gmail.com	
437	Feridun	Karen	260 E Main St	Kutztown PA 19530	berts@struth@gmail.com	610-678-7726
438	Miller	Scott	916 N 23rd St	Allentown PA 18104	planoscott@yahoo.com	
439	Flynn	John	88 Dillon Way	Washington Crossing PA 18977	jmflynn33@comcast.net	215-321-3280
440	Smeltzer	M	7356 Gun Club Rd	New Tripoli, PA 18066	msheltzr@ptd.net	
441	Meade	D	Jefferson Ave	Lewisburg PA 17837	dmeade2@gmail.com	
442	Bence	Jeff	1066 Washington Ave PO Box 97	Wycombe PA 18980	jeffence@aol.com	215-860-0360
443	Boring	Sharon	531 Center Grange Rd	Monaca PA 15061	tuppveremiah@aol.com	724-378-0808
444	Bence	Jeff	1066 Washington Ave PO Box 97	Wycombe PA 18980	jeffence@aol.com	215-860-0360
445	Durante	Eric	241 Goss Hollow Ln	Port Matilda PA 16870	ericdurante@gmail.com	814-692-7152
446	Vogelsong	Patrick	443 W Penn St	Carlisle PA 17013	pvog73@zoho.com	717-574-3847
447	Smeltzer	M	7356 Gun Club Rd	New Tripoli, PA 18066	msheltzr@ptd.net	
448	Crtser	Jackie	19747 SW Sweet Gum Ct	Beaverton OR 97078	jackiecrtzer@gmail.com	503-880-0292
449	DiRenzo	Jennifer	4997 Watson Rd	Elk Creek MO 65464	foxescreek@aol.com	
450	Scina	Mark	1517 S Stanley St	Philadelphia PA 19146	mbtw12@yahoo.com	

Wilkes, Dawne

From: John Grillo <john.grillo@maine.edu>
Sent: Monday, January 26, 2015 8:41 PM
To: Hanlon, Thomas
Subject: [Reject the Proposed Sunoco Logistics Pumping Stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006]

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of [the Commonwealth of] Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.

2) PA DEP at the very least hold public hearings and meetings with time for questions and answer[s] regarding each of these proposed NGL pumping stations[:] [P]ermit [N]umbers[] 31-03036, 22-03094, and 50-03006.

3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project[,] including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook [I]ndustrial [C]omplex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

John Grillo
3 Marsh Lane Apt. 21
Orono, ME 04473
(207) 949-7323

Wilkes, Dawne

From: Joe C <ilraptor@yahoo.com>
Sent: Friday, January 30, 2015 8:10 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Joe C
@(\$)()@
Collegeville, PA 19426
8009685673

3

Wilkes, Dawne

From: Marvin Feil <mfeil@write.me.com>
Sent: Monday, January 26, 2015 7:58 PM
To: Hanlon, Thomas
Subject: [SUSPICIOUS MESSAGE] Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

WARNING: The Commonwealth's email security system has determined the message below may be a potential threat.

It may pose as a legitimate company, tricking victims into revealing personal information.

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Threat Information:

Category: Phish

Type: Phish

Level: 3

----- Suspicious threat disclaimer ends here -----

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Marvin Feil
 69-75 Sparta Ave Apt 112
 Newton, NJ 78602
 201-450-8481

Wilkes, Dawne

From: Henry and Elaine Frank <henrynco@comcast.net>
Sent: Monday, January 26, 2015 3:03 PM
To: Hanlon, Thomas
Subject: #31-03036, #22-03094, #50-03006, Proposed pumping stations in Huntingdon, Dauphin, and Perry Counties

Dear DEP Facility Permitting Chief Hanlon,

- 1) Please reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, as they would increase local-air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) Please hold public hearings and meetings with time for questions and answers regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) Please conduct a cumulative air quality impact and public safety analysis of the ENTIRE Sunoco Logistics Mariner East NGL pipeline project.

Thank you.

Sincerely,

Henry and Elaine Frank
2763 Island Rd
Philadelphia, PA 19153
(215) 365-6085

Wilkes, Dawne

From: Tracy Foster <tarzafeen@yahoo.com>
Sent: Thursday, January 29, 2015 4:47 PM
To: Hanlon, Thomas
Subject: Please Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Tracy Foster
290 Steelmanville Road
Egg Harbor Township, NJ 08234

Wilkes, Dawne

From: g clemson <sclemson@adsrm.org>
Sent: Monday, January 26, 2015 11:33 PM
To: Hanlon, Thomas
Subject: Re proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

g clemson
10151 dorrell ln
las vegas, NV 89166

Wilkes, Dawne

From: David Kronheim <dkronheim@yahoo.com>
Sent: Sunday, February 01, 2015 2:31 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

David Kronheim
113 Wilson Road
K of P, PA 19406
4842131315

8

Wilkes, Dawne

From: Amanda C <campbell_soup715@yahoo.com>
Sent: Saturday, January 31, 2015 8:22 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Amanda C
58
Washington, PA 15301

Wilkes, Dawne

From: Marilyn and Alan Maurer <merberm55@hotmail.com>
Sent: Saturday, January 31, 2015 3:04 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Marilyn and Alan Maurer
538 Ballytore Rd
Wynnewood, PA 19096
(610) 649-3393

Wilkes, Dawne

From: David Kagan <dbkagan@comcast.net>
Sent: Friday, January 30, 2015 9:01 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

Please care more for our environment and our health than for greed and politics!

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

David Kagan
885 Torbert Lane
Jersey Shore, PA 17740
5707535547

Wilkes, Dawne

From: Kim McClure <kimrm64@gmail.com>
Sent: Friday, January 30, 2015 7:25 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Kim McClure
704 Skyline Dr.
Lancaster, PA 17601
717-283-6991

Wilkes, Dawne

From: Linda Murray <springard@epix.net>
Sent: Friday, January 30, 2015 1:08 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Linda Murray
49 Prospect st
Mansfield, PA 16933

Wilkes, Dawne

From: Tracey Eakin <traceyeakin@gmail.com>
Sent: Friday, January 30, 2015 9:03 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Tracey Eakin
1011 Sheriff's Court
McMurray, PA 15317
111-985-9666

Wilkes, Dawne

From: David Richardson <Davidmrichardson168@gmail.com>
Sent: Friday, January 30, 2015 7:49 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

David Richardson
197 longford rd
West chester, PA 19380

Wilkes, Dawne

From: Stacy Grossman <stacygandadamg@gmail.com>
Sent: Friday, January 30, 2015 3:00 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Stacy Grossman
2745 Allegheny Avenue
Bexley, OH 43209

Wilkes, Dawne

From: Dr. Alexander Henich <alexander.henrich@gmail.com>
Sent: Thursday, January 29, 2015 6:03 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Dr. Alexander Henich
Burgwedeltwiete 17
Hamburg, ot 22457

Wilkes, Dawne

From: Dr. Alexander Henich <alexander.henrich@gmail.com>
Sent: Thursday, January 29, 2015 6:03 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Dr. Alexander Henich
Burgwedeltwiete 17
Hamburg, ot 22457

Wilkes, Dawne

From: K Danowski <silver_kd@yahoo.com>
Sent: Thursday, January 29, 2015 4:59 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

K Danowski
15 Bower Hill Road #801
Pittsburgh, PA 15228
4125551212

Wilkes, Dawne

From: Carla Babrick <carlajeanbabrick@outlook.com>
Sent: Thursday, January 29, 2015 12:31 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Carla Babrick
1311 N 3rd St
Saint Charles, MO 63301
636.724.4301

Wilkes, Dawne

From: laura essel <lauraessel@fairpoint.net>
Sent: Thursday, January 29, 2015 11:23 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

laura essel
46 Sugar Camp Rd
Scenery Hill, PA 15360
4129972293

Wilkes, Dawne

From: Mary Ann Leitch <maleitch@live.com>
Sent: Thursday, January 29, 2015 9:44 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Mary Ann Leitch
526 Reed St
Phila, PA 19147
2152717878

27

Wilkes, Dawne

From: Mary Ann Leitch <maleitch@live.com>
Sent: Thursday, January 29, 2015 9:44 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Mary Ann Leitch
526 Reed St
Phila, PA 19147
2152717878

Wilkes, Dawne

From: Jo Anne Buchanan <jo_anne_buchanan@yahoo.com>
Sent: Wednesday, January 28, 2015 11:47 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jo Anne Buchanan
4935 Hatfield St
Pittsburgh, PA 15201
4126832602

Wilkes, Dawne

From: Russ and Linda Allen <rallen@writersstudio.com>
Sent: Wednesday, January 28, 2015 9:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Russ and Linda Allen
1510 Grove Ave
Jenkintown, PA 19046
(215) 887-6301

Wilkes, Dawne

From: Jessica Bellas <JBellas@usa.net>
Sent: Wednesday, January 28, 2015 8:04 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jessica Bellas
321 Hallock Street
Pittsburgh, PA 15211
412-995-8419

26

Wilkes, Dawne

From: Charles Leiden <cleiden@atlanticbb.net>
Sent: Wednesday, January 28, 2015 7:03 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Charles Leiden
306 Coleridge
Atoona, PA 16602

Wilkes, Dawne

From: Lily Swartz <catbird888@yahoo.com>
Sent: Wednesday, January 28, 2015 6:54 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Lily Swartz
7 Arden Way
New Hope, PA 18938
2158628031

Wilkes, Dawne

From: JoAnn Williams <jwsewn@gmail.com>
Sent: Wednesday, January 28, 2015 6:29 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

JoAnn Williams
108 Judith Ln
Media, PA 19063
6105653365

Wilkes, Dawne

From: Alexander Dalton <alexander.dalton@live.longwood.edu>
Sent: Wednesday, January 28, 2015 5:52 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Alexander Dalton
16059 Saint Peters Church Road
Montpelier, VA 23192
8045134516

Wilkes, Dawne

From: Jennifer Quick <soindebt@hotmail.com>
Sent: Wednesday, January 28, 2015 4:33 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Jennifer Quick
Box 163
Hummelstown, PA 17036

Wilkes, Dawne

From: William Magee <william-magee@msn.com>
Sent: Wednesday, January 28, 2015 2:22 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

William Magee
144 West King Street
N/A
Waynesboro, PA 17268

Wilkes, Dawne

From: Harriet Jernquist <hjernquist@yahoo.com>
Sent: Wednesday, January 28, 2015 12:56 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Harriet Jernquist
195 Main St Apt 5C
Millburn, NJ 07041

Wilkes, Dawne

From: jon longsworth <jon@longsworth.com>
Sent: Wednesday, January 28, 2015 12:16 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

I am Jon Longsworth and I approve this message:

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

jon longsworth
jon@longsworth.com
aptos, CA 95001

Wilkes, Dawne

From: DONA VAN ECK <tycosamspo@aol.com>
Sent: Wednesday, January 28, 2015 9:17 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

DONA VAN ECK
1723 Rialto St
Pittsburgh, PA 15212
4123215740

Wilkes, Dawne

From: Dorothea Leicher <dleicher@dleicher.com>
Sent: Wednesday, January 28, 2015 8:15 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Dorothea Leicher
2303 Delancey St
Philadelphia, PA 19103
(215) 732-6283

Wilkes, Dawne

From: Concerned Citizen <digitalwav@gmail.com>
Sent: Wednesday, January 28, 2015 7:49 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Concerned Citizen
1425 S Lindsay Rd
Mesa, AZ 85204
4800000000

Wilkes, Dawne

From: Deven Matlick <cmcinfo@rocketmail.com>
Sent: Wednesday, January 28, 2015 7:47 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Deven Matlick
24 Matlick Ln
MOATSVILLE, WV 26405

Wilkes, Dawne

From: Martin Marcus <abba_eama@yahoo.com>
Sent: Wednesday, January 28, 2015 1:21 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Martin Marcus
5015 Greenbrier Ave
San Diego, CA 921210

Wilkes, Dawne

From: Julie Edgar <widrose71@yahoo.com>
Sent: Wednesday, January 28, 2015 1:10 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Julie Edgar
534 North Circle
Bethlehem, PA 18018
4845574182

Wilkes, Dawne

From: Laurel Husk <shadowpong@hotmail.com>
Sent: Wednesday, January 28, 2015 12:36 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Laurel Husk
77 Church Rd Fl 1
Telford, PA 18969
6106987016

Wilkes, Dawne

From: Diane MacInnes <Storyscapes@verizon.net>
Sent: Wednesday, January 28, 2015 12:27 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Diane MacInnes
11064 Plainview Ave.
Tujunga, CA 91042

Wilkes, Dawne

From: Lee Dieterich <lee.dieterich@gmail.com>
Sent: Tuesday, January 27, 2015 10:55 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Lee Dieterich
4529 Spruce St
Apt 112
Philadelphia, PA 19139

Wilkes, Dawne

From: Mark Dodel <madodel@ptd.net>
Sent: Tuesday, January 27, 2015 9:38 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Mark Dodel
584 Hickory Valley Rd
Stroudsburg, PA 18360
5704209688

Wilkes, Dawne

From: Debra Marge <deb7570@hotmail.com>
Sent: Tuesday, January 27, 2015 9:31 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Debra Marge
15 north shamokin st.
Shamokin, PA 17872

Wilkes, Dawne

From: Ruby Weeks <rdwesq@embarqmail.com>
Sent: Tuesday, January 27, 2015 9:03 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Ruby Weeks
211 Echo Road
Carlisle, PA 17015
717-243-3164

Wilkes, Dawne

From: Ruby Weeks <rdwesq@embarqmail.com>
Sent: Tuesday, January 27, 2015 9:02 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Ruby Weeks
211 Echo Road
Carlisle, PA 17015
717-243-3164

Wilkes, Dawne

From: Ruby Weeks <rdwesq@embarqmail.com>
Sent: Tuesday, January 27, 2015 9:03 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Ruby Weeks
211 Echo Road
Carlisle, PA 17015
717-243-3164

Wilkes, Dawne

From: Paula Clair <pclair3@aol.com>
Sent: Tuesday, January 27, 2015 8:43 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids, (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Paula Clair
162 Gallows Hill Rd
Garrison, NY 10524
845 739-2141

Wilkes, Dawne

From: Kathleen Krebs <krebskutcher@icloud.com>
Sent: Tuesday, January 27, 2015 8:20 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Kathleen Krebs
4146 Gittens Street
na
Pittsburgh, PA 15212
412-761-1593

Wilkes, Dawne

From: Susan Gottfried <suepurr@lookoutnow.com>
Sent: Tuesday, January 27, 2015 7:49 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Susan Gottfried
619 Cricklewood
State College, PA 16803

Wilkes, Dawne

From: Susan Nierenberg <QnBear@aol.com>
Sent: Tuesday, January 27, 2015 7:23 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Susan Nierenberg
365 Edgewood Ave.
Teaneck, NJ 07666
201 999 9999

Wilkes, Dawne

From: Marla Pitt <marlapitt@aol.com>
Sent: Tuesday, January 27, 2015 4:37 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Marla Pitt
110 Pennsylvania Avenue
mount gretna, PA 17064
717-964-3786

Wilkes, Dawne

From: Catherine F. Smith <smithcath@ecu.edu>
Sent: Tuesday, January 27, 2015 3:57 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Catherine F. Smith
246 Brush Mtn Rd
P.O. Box 132
Spring Mills, PA 16875
8144228486

Wilkes, Dawne

From: Lori Flanagan-Cato <flanagan@psych.upenn.edu>
Sent: Tuesday, January 27, 2015 3:54 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,
Lori Flanagan-Cato

Lori Flanagan-Cato
525 Prescott Road
Merion Station, PA 19066
215-898-4085

Wilkes, Dawne

From: Kim Dieter <kimelon1010@yahoo.com>
Sent: Tuesday, January 27, 2015 3:41 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Kim Dieter
2 Beaumont Lane
Devon, PA 19333
610-585-2571

Wilkes, Dawne

From: Linda Holden <holdendubc@gmail.com>
Sent: Tuesday, January 27, 2015 3:37 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Linda Holden
1476 Morstein Rd.
West Chester, PA 19380

Wilkes, Dawne

From: Renee Bogue <Boguerrl@gmail.com>
Sent: Tuesday, January 27, 2015 3:29 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Renee Bogue
204 Willow Ave. NE
Massillon, OH 44646
330-833-7753

Wilkes, Dawne

From: Shane McAndrew <LillianMace21@hotmail.com>
Sent: Tuesday, January 27, 2015 3:10 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Shane McAndrew
911 E. Park Sq.
Prospect Park, PA 19076
6107151179

Wilkes, Dawne

From: Eva Westheimer <eva.westheimer@gmail.com>
Sent: Tuesday, January 27, 2015 3:08 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Eva Westheimer
2741 Voelkel Ave
Pittsburgh, PA 15216
5136000580

Wilkes, Dawne

From: Suzanne Ficara <spf109@yahoo.com>
Sent: Tuesday, January 27, 2015 2:52 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Suzanne Ficara
109 Cooper St
Haddon Township, NJ 08108

Wilkes, Dawne

From: Sonia Liskoski <soniamsl@comcast.net>
Sent: Tuesday, January 27, 2015 2:49 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Sonia Liskoski
7 Mary St.
Kennedy Twp., PA 15108
4123315425

Wilkes, Dawne

From: Shannon Richardson <Shannond719@gmail.com>
Sent: Tuesday, January 27, 2015 2:41 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Shannon Richardson
197 longford rd
West chester, PA 19380

Wilkes, Dawne

From: Kimberly Keesler <kimberlykeesler@gmail.com>
Sent: Tuesday, January 27, 2015 2:31 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Kimberly Keesler
105 winston drive
mechanicsburg, PA 17055

Wilkes, Dawne

From: s weinberg <stewwei@aol.com>
Sent: Tuesday, January 27, 2015 2:19 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

s weinberg
111 w mount airy ave
philadelphia, PA 19119
2157536788

Wilkes, Dawne

From: Denise Bonk <dmbonk10@aol.com>
Sent: Tuesday, January 27, 2015 2:16 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Denise Bonk
2608 E Venango St
Philadelphia, PA 19134
215-423-1481

Wilkes, Dawne

From: Al Ferrucci <albert.ferrucci@gmail.com>
Sent: Tuesday, January 27, 2015 2:10 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Al Ferrucci
5720 Friendship
Pittsburgh, PA 15206

Wilkes, Dawne

From: Judith Max <judithmax@gmail.com>
Sent: Tuesday, January 27, 2015 1:57 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Judith Max
644 S 54th St
Philadelphia, PA 19143
215-908-1690

Wilkes, Dawne

From: DONA VAN ECK <tycosamspo@aol.com>
Sent: Tuesday, January 27, 2015 1:39 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

DONA VAN ECK
1723 Rialto St
Pittsburgh, PA 15212
4123215740

Wilkes, Dawne

From: Jean Henry <jhenry266@aol.com>
Sent: Tuesday, January 27, 2015 1:35 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jean Henry
266 Butler Rd.
Lebanon, PA 17042
717-228-9728

Wilkes, Dawne

From: John Cort <gilamonster@care2.com>
Sent: Tuesday, January 27, 2015 1:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

John Cort
7426 Singing Hills Dr
Boulder, CO 80301

Wilkes, Dawne

From: Claude (akaTweetybird) Andrews <tweetymedic@ec.rr.com>
Sent: Tuesday, January 27, 2015 1:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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---Tweetybird (aka Claude Andrews)

Sincerely,

Claude (akaTweetybird) Andrews
PO Box 478
Atlantic Beach, NC 28512
252-903-6666

Wilkes, Dawne

From: r koch <robinfkoch@aol.com>
Sent: Tuesday, January 27, 2015 1:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

r koch
205 Gaul Rd
Sinking Spring, PA 19608
610-678-6020

Wilkes, Dawne

From: Mariu Suarez <mariusita@aol.com>
Sent: Tuesday, January 27, 2015 1:19 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Mariu Suarez
4429 Stepping Stone Dr.
Fort Worth, TX 76123
817-423-0980

Wilkes, Dawne

From: Marliese Bonk <marliese@cs.cmu.edu>
Sent: Tuesday, January 27, 2015 1:13 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Marliese Bonk
1335 Commercial St
Pittsburgh, PA 15218
4122683078

Wilkes, Dawne

From: Jean Swenson <jmacswenson@comcast.net>
Sent: Tuesday, January 27, 2015 1:09 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jean Swenson
600 W Mount Airy Ave
Philadelphia, PA 19119
215 2475530

Wilkes, Dawne

From: Don Hawkins <hawk6977@yahoo.com>
Sent: Tuesday, January 27, 2015 1:08 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Don Hawkins
515 52nd St
Pittsburgh, PA 15201

Wilkes, Dawne

From: mary anne rushlau <mary510381@netzero.net>
Sent: Tuesday, January 27, 2015 1:04 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

mary anne rushlau
447 cedar street
jenkintown, PA 19046
215-886-7294

78

Wilkes, Dawne

From: JANE POPKO <jpopko1@verizon.net>
Sent: Tuesday, January 27, 2015 12:46 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

JANE POPKO
142 SCHOOL HOUSE RD
PALMYRA, PA 17078
717-838-3291

Wilkes, Dawne

From: Wilma Deutschlander <sugardeut@gmail.com>
Sent: Tuesday, January 27, 2015 12:43 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Wilma Deutschlander
7 solar drive
new providence, PA 17560
7177860730

80

Wilkes, Dawne

From: Bill Deutschlander <billastt@gmail.com>
Sent: Tuesday, January 27, 2015 12:39 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Bill Deutschlander
7 Solar Drive
Nw Providence, PA 17601
7177860830

Wilkes, Dawne

From: Julie Nuss <jrn688@gmail.com>
Sent: Tuesday, January 27, 2015 12:38 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Julie Nuss
3274 Susquehanna Road
Dresher, PA 19025
2155555555

Wilkes, Dawne

From: Victoria Jenkins <vmjdoglove@yahoo.com>
Sent: Tuesday, January 27, 2015 12:13 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Victoria Jenkins
405 W Mount Pleasant Ave
Philadelphia, PA 19119
(215) 753-7003

83

Wilkes, Dawne

From: Tiffany Gaal <tiffanygaal@gmail.com>
Sent: Tuesday, January 27, 2015 11:57 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Tiffany Gaal
7911 Heather Rd.
Elkins Park, PA 19027

84

Wilkes, Dawne

From: dave popoff <douks77@yahoo.ca>
Sent: Tuesday, January 27, 2015 11:47 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

dave popoff
2510 alexis road
colville, WA 99114

Wilkes, Dawne

From: pamela bishop <pambishop503@gmail.com>
Sent: Tuesday, January 27, 2015 11:39 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

pamela bishop
503 first st, p o box 275
P.O. Box 275
Mt. Gretna, PA 17064
717 574 6453

86

Wilkes, Dawne

From: Steve Bremner <stevebremner@fastmail.fm>
Sent: Tuesday, January 27, 2015 11:31 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Steve Bremner
3209 Baring St
Philadelphia, PA 19104
267-539-1384

87

Wilkes, Dawne

From: Steve Bremner <stevebremner@fastmail.fm>
Sent: Tuesday, January 27, 2015 11:31 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Steve Bremner
3209 Baring St
Philadelphia, PA 19104
267-539-1384

88

Wilkes, Dawne

From: Steve Bremner <stevebremner@fastmail.fm>
Sent: Tuesday, January 27, 2015 11:31 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

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Sincerely,

Steve Bremner
3209 Baring St
Philadelphia, PA 19104
267-539-1384

Wilkes, Dawne

From: Steve Bremner <stevebremner@fastmail.fm>
Sent: Tuesday, January 27, 2015 11:31 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Steve Bremner
3209 Baring St
Philadelphia, PA 19104
267-539-1384

Wilkes, Dawne

From: Steve Bremner <stevebremner@fastmail.fm>
Sent: Tuesday, January 27, 2015 11:31 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Steve Bremner
3209 Baring St
Philadelphia, PA 19104
267-539-1384

Wilkes, Dawne

From: Steve Bremner <stevebremner@fastmail.fm>
Sent: Tuesday, January 27, 2015 11:31 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

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Sincerely,

Steve Bremner
3209 Baring St
Philadelphia, PA 19104
267-539-1384

92

Wilkes, Dawne

From: Steve Bremner <stevebremner@fastmail.fm>
Sent: Tuesday, January 27, 2015 11:31 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Steve Bremner
3209 Baring St
Philadelphia, PA 19104
267-539-1384

Wilkes, Dawne

From: Mimi Burstein <punkin5170@gmail.com>
Sent: Tuesday, January 27, 2015 11:24 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Mimi Burstein
27 East Central
Paoli, PA 19301

Wilkes, Dawne

From: Nicola Nicolai <nicola.6@comcast.net>
Sent: Tuesday, January 27, 2015 11:23 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Nicola Nicolai
2400 Copper Creek Rd
Chester Springs, PA 19425
484-881-1928

Wilkes, Dawne

From: Judith Marvin <judithmarvin@gmail.com>
Sent: Tuesday, January 27, 2015 11:18 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Judith Marvin
1075 Hardscrabble Lane
Lewisburg, PA 17837
570-524-5479

Wilkes, Dawne

From: The U. family <polishprincesspolishprincess@yahoo.com>
Sent: Tuesday, January 27, 2015 10:57 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

The U. family
bethwp
easton, PA 18020

Wilkes, Dawne

From: The U. family <polishprincesspolishprincess@yahoo.com>
Sent: Tuesday, January 27, 2015 11:04 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

The U. family
bethwp
easton, PA 18020

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Wilkes, Dawne

From: Mike Albar <malbar2001@hushmail.com>
Sent: Tuesday, January 27, 2015 10:27 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Mike Albar
251 Gemini Drive
Hillsborough, NJ 08844

Wilkes, Dawne

From: Chris O. <tigger34@mac.com>
Sent: Tuesday, January 27, 2015 10:21 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Chris O.
823 Dover Rd
Wynnewood, PA 19096
(610) 642-5531

Wilkes, Dawne

From: Emily Thorpe <emilygthorpe@gmail.com>
Sent: Tuesday, January 27, 2015 10:10 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Emily Thorpe
1891 Esther Drive
Carlisle, PA 17013
301-787-4597

Wilkes, Dawne

From: Carolyn Cooper <Cooperlasalle@aol.com>
Sent: Tuesday, January 27, 2015 10:04 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Carolyn Cooper
7175 Uber Street
Philadelphia, PA 19138
215-224-2535

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Wilkes, Dawne

From: Brian Mooney <searching4rinoa@gmail.com>
Sent: Tuesday, January 27, 2015 9:58 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Brian Mooney
607 Pennsylvania Ave
Palmyra, NJ 08065

Wilkes, Dawne

From: Walker Tompkins <wctompkins@verizon.net>
Sent: Tuesday, January 27, 2015 9:42 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Walker Tompkins
1245 Victoria Lane
West Chester, PA 19380
610-431-1565

Wilkes, Dawne

From: Gina Mannarelli-Agostine <ginajagger@hotmail.com>
Sent: Tuesday, January 27, 2015 9:14 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Gina Mannarelli-Agostine
510 w 31
erie, PA 16508

Wilkes, Dawne

From: VALERIE COULSON <vcoulson@comcast.net>
Sent: Tuesday, January 27, 2015 9:09 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

VALERIE COULSON
102 Frogtown Rd.
Pequea, PA 17565
7172845097

104

Wilkes, Dawne

From: Beverly Foster <hwlyfstr@aol.com>
Sent: Tuesday, January 27, 2015 8:43 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Beverly Foster
364 Conestoga Road
Wayne, PA 19087

107

Wilkes, Dawne

From: Sherlene Evans <sherlene317@comcast.net>
Sent: Tuesday, January 27, 2015 8:42 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Sherlene Evans
1945 Olive Street
Reading, PA 19604

Wilkes, Dawne

From: Patricia DeLuca <rickscustompainting@comcast.net>
Sent: Tuesday, January 27, 2015 8:29 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Patricia DeLuca
123 Inleta Blvd
Nokomis, FL 34275
9412231176

Wilkes, Dawne

From: Diana Schmidt <schmidtfit@earthlink.net>
Sent: Tuesday, January 27, 2015 8:29 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Diana Schmidt
274 Thomastown Rd.
Tyrone, PA 16686
814 684-5334

110

Wilkes, Dawne

From: Joseph Wenzel <josephwenzel@msn.com>
Sent: Tuesday, January 27, 2015 7:37 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Joseph Wenzel
33 Larpenteur Ave. E
Maplewood, MN 55117

Wilkes, Dawne

From: Dan Behl <Dmb193@hotmail.com>
Sent: Tuesday, January 27, 2015 7:34 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Dan Behl
18 James Hayward rd
Glen mills, PA 19342
8583364533

Wilkes, Dawne

From: Merle Hofmann <merlehofmann@yahoo.com>
Sent: Tuesday, January 27, 2015 5:59 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Merle Hofmann
906 Country Club Heights #103
Quincy, IL 62301
217-960-1021

Wilkes, Dawne

From: Steven Kostis <Steventhechipmunk@mac.com>
Sent: Tuesday, January 27, 2015 5:43 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Steven Kostis
261 W. 28th St.
Apt. 2C
New York, NY 10001
(212) 643-1525

Wilkes, Dawne

From: Patricia Libbey <patricia.libbey@verizon.net>
Sent: Tuesday, January 27, 2015 5:18 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Patricia Libbey
379 Ripka St Apt 3B
Phila, PA 19128
215-983-4451

Wilkes, Dawne

From: Roger Bove <rebove@post.harvard.edu>
Sent: Tuesday, January 27, 2015 5:04 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Roger Bove
325 Holly Road
West Chester, PA 19380
610-692-2742

Wilkes, Dawne

From: Linda Myers <horsefarm85@gmail.com>
Sent: Tuesday, January 27, 2015 4:01 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Linda Myers
9075 Playhouse Rd
Petersburg, PA 16669

Wilkes, Dawne

From: Susan Moore <msusan@temple.edu>
Sent: Tuesday, January 27, 2015 3:04 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Susan Moore
210 Brown St
Philadelphia, PA 19123

Wilkes, Dawne

From: Carl Anderson <carl907anderson@yahoo.com>
Sent: Tuesday, January 27, 2015 2:37 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Carl Anderson
907 Bullock Avenue
Yeadon, PA 19050

Wilkes, Dawne

From: Nathan Sullenberger <account652140@gmail.com>
Sent: Tuesday, January 27, 2015 1:56 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Nathan Sullenberger
185 Winfield Circle
Greensburg, PA 15601

Wilkes, Dawne

From: Nathan Sullenberger <account652140@gmail.com>
Sent: Tuesday, January 27, 2015 1:57 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Nathan Sullenberger
185 Winfield Circle
Greensburg, PA 15601

Wilkes, Dawne

From: Anne Jackson <Buggarden@dejazzd.com>
Sent: Tuesday, January 27, 2015 1:51 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

PLEASE TAKE THIS VERY SERIOUSLY AND PROTECT US FROM THE ENVIRONMENTAL HARM THAT THIS PIPELINE HAS THE POTENTIAL TO INFLICT ON US:

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Anne Jackson
PO Box 516
Morgantown, PA 19543
610 2869676

122

Wilkes, Dawne

From: Thomas Nelson <twnelson@erols.com>
Sent: Tuesday, January 27, 2015 1:25 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Thomas Nelson
105 Drexel Ave
Lansdowne, PA 19050
(610) 626-2577

Wilkes, Dawne

From: Lori Snyder <secretfilly@gmail.com>
Sent: Tuesday, January 27, 2015 1:13 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Lori Snyder
962 Centennial Rd.
New Oxford, PA 17350
7178706919

Wilkes, Dawne

From: John Cuda <jrstar237@yahoo.com>
Sent: Tuesday, January 27, 2015 12:38 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

John Cuda
7716 Brashear St
Pittsburgh, PA 15221

Wilkes, Dawne

From: Margaret Goodman <messgwg@gmail.com>
Sent: Tuesday, January 27, 2015 12:35 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Margaret Goodman
51 Broomall Lane
Glen Mills, PA 19342
610-455-3896

Wilkes, Dawne

From: Bill Roseberry <wlroseberry@yahoo.com>
Sent: Monday, January 26, 2015 11:37 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Bill Roseberry
823 Cathill Road, P.O. Box 496
Sellersville, PA 18960
2154310460

127

Wilkes, Dawne

From: g clemson <sclemson@adsrm.org>
Sent: Monday, January 26, 2015 11:33 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

g clemson
10151 dorrell ln
las vegas, NV 89166

Wilkes, Dawne

From: William Heiland <14hei@gmx.com>
Sent: Monday, January 26, 2015 11:31 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Please hold public hearings on the pipeline and the proposed pumping stations. The residents of the communities these pumping stations will be constructed, have a right to voice their views on them. Because they are the ones that will have to live with them.

Sincerely,

William Heiland
4511 Old Lincoln Hwy.
Oakford, PA 19053
2153221016

Wilkes, Dawne

From: Roger II Walker <delta_shadow1@yahoo.com>
Sent: Monday, January 26, 2015 11:00 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Roger II Walker
3805 University Dr
Pittsburgh, PA 32806
4079245886

Wilkes, Dawne

From: Fayten El-Dehaibi <trustyhawk@gmail.com>
Sent: Monday, January 26, 2015 10:29 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Fayten El-Dehaibi
4264 Minnesota Street
Pittsburgh, PA 15217

Wilkes, Dawne

From: MARIE GARESCHER <MARFOGAR@GMAIL.COM>
Sent: Monday, January 26, 2015 10:28 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
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Sincerely,

MARIE GARESCHER
96 Main St
Tarrytown, NY 10591
9146313590

Wilkes, Dawne

From: Catherine Hunt <cchunt205@yahoo.com>
Sent: Monday, January 26, 2015 10:25 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Catherine Hunt
309 Rivercrest Drive
Piscataway, NJ 8854
205 821 1209

Wilkes, Dawne

From: James Glatz <jimsjams0329@riseup.net>
Sent: Monday, January 26, 2015 10:22 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

James Glatz
121 Southerton Lane
Greentown, PA 18426

Wilkes, Dawne

From: Joe Buhowsky <jbuhowsky@sbcglobal.net>
Sent: Monday, January 26, 2015 10:22 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Joe Buhowsky
83 Tahoe Court
San Ramon, CA 94582

Wilkes, Dawne

From: Otto Lehrbach <ojay@ojlehrbach.com>
Sent: Monday, January 26, 2015 10:14 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Otto Lehrbach
282 Treichler Rd
Alburtis, PA 18011
6108453857

Wilkes, Dawne

From: Marilyn Martin <MarilynLMartin@msn.com>
Sent: Monday, January 26, 2015 10:05 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon:

My comments concern the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that Pennsylvania residents have clean water and pure air. To protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP hold public hearings and meetings with time for questions and answers regarding each of the proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Marilyn Martin
6020 Loganwood Drive
Rockville, MD 20852
301-881-8519

Wilkes, Dawne

From: Spencer Koelle <42sbkoelle@gmail.com>
Sent: Monday, January 26, 2015 10:01 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Spencer Koelle
210 Idlewild Ln
Media, PA 19063
484-751-7555

Wilkes, Dawne

From: Rachel Noll <rrnoll@comcast.net>
Sent: Monday, January 26, 2015 9:55 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Rachel Noll
1673 Louser Rd.
Annville (South), PA 17003

Wilkes, Dawne

From: Cynthia Gilman <cyngilman@comcast.net>
Sent: Monday, January 26, 2015 9:40 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Cynthia Gilman
9 Chestnut Avenue
Narberth, PA 19072
(610) 506-1177

Wilkes, Dawne

From: Tania Schade <coreyschade@hotmail.com>
Sent: Monday, January 26, 2015 9:39 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Tania Schade
309 Sunset Ave.
Apt. 102
Asbury Park, NJ 07712

Wilkes, Dawne

From: Frank Asturino <tt.id70@yahoo.com>
Sent: Monday, January 26, 2015 9:35 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Frank Asturino
5679 Steubenville Pike
Mc Kees Rocks, PA 15136
4127884017

Wilkes, Dawne

From: Laura Fake <lfake456@gmail.com>
Sent: Monday, January 26, 2015 9:31 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Laura Fake
443 West High Street
Womelsdorf, PA 19567

Wilkes, Dawne

From: Nathan Van Velson <nathan.vanvelson@huskers.unl.edu>
Sent: Monday, January 26, 2015 9:31 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Nathan Van Velson
410 Alden Dr.
Lancaster, PA 17601
402-270-0163

Wilkes, Dawne

From: Lila Cornell <ginkgo@zoominternet.net>
Sent: Monday, January 26, 2015 9:31 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Lila Cornell
338 Norman Dr
Cranberry Twp, PA 16066
7247768246

Wilkes, Dawne

From: Paul Parker <pparker@cobweb.net>
Sent: Monday, January 26, 2015 9:29 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Paul Parker
60 Morrow Road
Avella, PA 15312
7243443676

196

Wilkes, Dawne

From: Paul Parker <pparker@cobweb.net>
Sent: Monday, January 26, 2015 9:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Paul Parker
60 Morrow Road
Avella, PA 15312
7243443676

Wilkes, Dawne

From: Joann Ramos <joannspa@yahoo.com>
Sent: Monday, January 26, 2015 9:22 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Joann Ramos
64 Fiume St
Iselin, NJ 08830

148

Wilkes, Dawne

From: Bruce Moyer <bhmoyer@yahoo.com>
Sent: Monday, January 26, 2015 9:21 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Bruce Moyer
602 Halteman Rd
Souderton, PA 18964
215 7236329

Wilkes, Dawne

From: Susan shelton <skemp321@aol.com>
Sent: Monday, January 26, 2015 9:06 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Susan shelton
221 Oxford rd
west Chester, PA 19380

Wilkes, Dawne

From: Chrys Morris <chrismorris@yahoo.com>
Sent: Monday, January 26, 2015 9:00 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Chrys Morris
3259 Burgettstown Rd.
Imperial, PA 15126
7248993620

Wilkes, Dawne

From: Nicole Metas <Nickym5@aol.com>
Sent: Monday, January 26, 2015 8:53 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Nicole Metas
71308 Delaire Landing Rd
Philadelphia, PA 19114
2156370486

152

Wilkes, Dawne

From: Rachel Sciabarrasi <Raeannes@gmail.com>
Sent: Monday, January 26, 2015 8:51 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Rachel Sciabarrasi
S 5th st
Philadelphia, PA 19147

153

Wilkes, Dawne

From: John Margerum <jmargerum1@gmail.com>
Sent: Monday, January 26, 2015 8:38 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

John Margerum
3232 W Penn Street
Philadelphia, PA 19129
2158493936

Wilkes, Dawne

From: Frances Hoenigswald <fhoenigs@pobox.upenn.edu>
Sent: Monday, January 26, 2015 8:32 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Frances Hoenigswald
4625 Pine Street
F505
Philadelphia, PA 19143
215 727-1973

Wilkes, Dawne

From: Karen Witkus <karwi06@hotmail.com>
Sent: Monday, January 26, 2015 8:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Karen Witkus
7 Belvidere St
Pittsburgh, PA 15205
412-921-3646

Wilkes, Dawne

From: Evelyn Och <evie.och@gmail.com>
Sent: Monday, January 26, 2015 8:29 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Evelyn Och
803 S Negley Ave
Pittsburgh, PA 15232
4123029022

157

Wilkes, Dawne

From: Laura Horowitz <12newmoons@gmail.com>
Sent: Monday, January 26, 2015 8:27 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

As a Pennsylvanian concerned about the environment, I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Laura Horowitz
6544 Darlington Rd
Pittsburgh, PA 15217

158

Wilkes, Dawne

From: Donna Bookheimer <vampire524@yahoo.com>
Sent: Monday, January 26, 2015 8:26 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Donna Bookheimer
31B Douglass House
Douglassville, PA 19518
4845534783

Wilkes, Dawne

From: Timothy Schacht <drtim@speakeasy.net>
Sent: Monday, January 26, 2015 8:26 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Timothy Schacht
1330 Whittier Road
Grosse Pointe Park, MI 48230
313 884-0263

Wilkes, Dawne

From: David Kagan <dbkagan@comcast.net>
Sent: Monday, January 26, 2015 8:22 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

David Kagan
885 Torbert Lane
Jersey Shore, PA 17740
5707535547

Wilkes, Dawne

From: Michael Lawrence <meeke182@gmail.com>
Sent: Monday, January 26, 2015 8:13 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Michael Lawrence
10 Saxony Drive
Harrison City, PA 15636
4128487552

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Wilkes, Dawne

From: William Wilson <bbill481959@yahoo.com>
Sent: Monday, January 26, 2015 8:10 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
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Sincerely,

William Wilson
32 S 19TH Street
Allentown, PA 18104
6103930942

Wilkes, Dawne

From: Linda Schmid <leschmidt@gmail.com>
Sent: Monday, January 26, 2015 8:09 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Linda Schmid
109 Whitby Pl
Gibsonia, PA 15044
7244430169

164

Wilkes, Dawne

From: Jack Miller <jmiller1018@yahoo.com>
Sent: Monday, January 26, 2015 8:08 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Jack Miller
130 DeLong Rd
Middleburg, PA 17842
570-837-6546

Wilkes, Dawne

From: Todd Underwood <tjunderwood@gmail.com>
Sent: Monday, January 26, 2015 8:07 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
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Sincerely,

Todd Underwood
424 Fairview Dr
Kutztown, PA 19530

Wilkes, Dawne

From: jeffrey shuben <jeffreysuben@yahoo.com>
Sent: Monday, January 26, 2015 8:05 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

jeffrey shuben
46204 Delaire Landing Rd
Philadelphia, PA 19114
215-632-2933

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Wilkes, Dawne

From: jeffrey shuben <jeffreyshuben@yahoo.com>
Sent: Monday, January 26, 2015 8:04 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

jeffrey shuben
46204 Delaire Landing Rd
Philadelphia, PA 19114
215-632-2933

168

Wilkes, Dawne

From: Marie Bush <jbush7@hotmail.com>
Sent: Monday, January 26, 2015 8:03 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Marie Bush
7 ashlawn rd
Malvern, PA 19355

169

Wilkes, Dawne

From: Merrill Boone <merrillboone@yahoo.com>
Sent: Monday, January 26, 2015 8:02 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Merrill Boone
528 N. Oxford St
Arlington, VA 22203
7035275030

Wilkes, Dawne

From: Beth Dzwil <bdzwil@aol.com>
Sent: Monday, January 26, 2015 7:40 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Beth Dzwil
8106 Hull Dr
Wyndmoor, PA 19038
2159201526

171

Wilkes, Dawne

From: Janis Kinslow <kinslowja@comcast.net>
Sent: Monday, January 26, 2015 7:32 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Janis Kinslow
514 Schick Rd
Aston, PA 19014
6103613490

Wilkes, Dawne

From: Janis Kinslow <kinslowja@comcast.net>
Sent: Monday, January 26, 2015 7:32 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Janis Kinslow
514 Schick Rd
Aston, PA 19014
6103613490

Wilkes, Dawne

From: Jonathan Boyne <boyne@hawaii.edu>
Sent: Monday, January 26, 2015 7:26 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jonathan Boyne
Kakela Dr.
Honolulu, HI 96822

Wilkes, Dawne

From: kim clemens <kimberlyclemens@aim.com>
Sent: Monday, January 26, 2015 7:24 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

kim clemens
439 s. wyomissing ave
shillington, PA 19607

Wilkes, Dawne

From: Dr. Patricia Salvador <doctora2salvador@gmail.com>
Sent: Monday, January 26, 2015 7:19 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Dr. Patricia Salvador
7601 NW 13TH CT
PLANTATION, FL 33322
9548405759

Wilkes, Dawne

From: Patricia Parker <pparker2112@gmail.com>
Sent: Monday, January 26, 2015 7:18 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Patricia Parker
211 N 2nd St
Lewisburg, PA 17837
(570) 523-6416

Wilkes, Dawne

From: Jeffrey and Miriam Tucker <jefftucker@comcast.net>
Sent: Monday, January 26, 2015 7:18 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jeffrey and Miriam Tucker
41 Solebury Mountain Rd
New Hope, PA 18938
(215) 862-2498

178

Wilkes, Dawne

From: Melinda Geiger <Mjgeiger@mac.com>
Sent: Monday, January 26, 2015 7:17 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Melinda Geiger
74 Seldom Seen Rd
Bradford Woods, PA 15015
7247992142

Wilkes, Dawne

From: robert davey <robertedavey@gmail.com>
Sent: Monday, January 26, 2015 7:15 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

robert davey
539 Willow avenue
Scotch Plains, NJ 07076

180

Wilkes, Dawne

From: Lana Fishkin <lanafishkinmd@gmail.com>
Sent: Monday, January 26, 2015 7:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Lana Fishkin
171 Gramercy Rd
Bala Cynwyd, PA 19004
(610) 667-3789

181

Wilkes, Dawne

From: M. A. Schumacher <mas2704mo@yahoo.com>
Sent: Monday, January 26, 2015 7:06 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

M. A. Schumacher
2704 Mohican Ave.
Independence, MO 64057
795-1945

182

Wilkes, Dawne

From: Christopher Walker <amrak63@outlook.com>
Sent: Monday, January 26, 2015 6:58 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Christopher Walker
2910 Breckenridge
Benton, AR 72015

#3

Wilkes, Dawne

From: Stephen Menasian <scm@menasians.com>
Sent: Monday, January 26, 2015 6:55 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Stephen Menasian
1724 Independent Rd
Breinigsville, PA 18031
610-285-6116

Wilkes, Dawne

From: Mary Jo Brinker <naacmail@yahoo.com>
Sent: Monday, January 26, 2015 6:52 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Mary Jo Brinker
161 Leonhardt Lane
Ellwood City, PA 16117
7246740471

Wilkes, Dawne

From: Jennifer Lowans <ezrawey@gmail.com>
Sent: Monday, January 26, 2015 6:48 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jennifer Lowans
219 Wilkson Ln
Fayetteville, PA 17222
7173523842

Wilkes, Dawne

From: Charles Mullen <c.b.mullen@sbcglobal.net>
Sent: Monday, January 26, 2015 6:48 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Charles Mullen
6100 Ronald St. NW
Canton, OH 44718
3302806727

Wilkes, Dawne

From: Judy Scriptunas <script@embarqmail.com>
Sent: Monday, January 26, 2015 6:47 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Judy Scriptunas
3434 Camp Robin Hood Rd
Chambersburg,, PA 17202
717 - 263 - 8751

Wilkes, Dawne

From: Salim Ali <salsunali@gmail.com>
Sent: Monday, January 26, 2015 6:43 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Salim Ali
209 PROSPECT ST APT 405
EAST ORANGE, NJ 07017

Wilkes, Dawne

From: rebecca williams <bwilliamstaxi@yahoo.com>
Sent: Monday, January 26, 2015 6:37 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

rebecca williams
499 schubert rd
bethel, PA 19507

Wilkes, Dawne

From: Alice D. R <alicedrosenfeld@gmail.com>
Sent: Monday, January 26, 2015 6:36 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Alice D. R
492C Heritage Hills
Enter your address line 2 here
Somers, NY 10589
111-11-1111

Wilkes, Dawne

From: rebecca wiilliams <bwilliamstaxi@yahoo.com>
Sent: Monday, January 26, 2015 6:35 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

rebecca wiilliams
499 schubert rd
bethel, PA 19507

Wilkes, Dawne

From: Constance Weeks <cweeks191@comcast.net>
Sent: Monday, January 26, 2015 6:35 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Constance Weeks
191 Echo
Chambersburg, PA 17202

Wilkes, Dawne

From: Marta Guttenberg <martaguttenberg@comcast.net>
Sent: Monday, January 26, 2015 6:32 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Marta Guttenberg
226 W Rittenhouse Sq
Philadelphia, PA 19103
2155452997

194

Wilkes, Dawne

From: Vincent Prudente <pruv9@verizon.net>
Sent: Monday, January 26, 2015 6:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Vincent Prudente
1826 Fitzwater Street
Philadelphia, PA 19146

Wilkes, Dawne

From: peter mayes <prmayes@gmail.com>
Sent: Monday, January 26, 2015 6:29 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

peter mayes
418 Anthwyn Rd
Narberth, PA 19072
6106608299

Wilkes, Dawne

From: Poun? Saberi <pounesaberi@yahoo.com>
Sent: Monday, January 26, 2015 6:27 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Poun◆ Saberi
1504 Montrose St.
Philadelphia, PA 19146
(215) 686-2018

197

Wilkes, Dawne

From: Poun? Saberi <pounesaberi@yahoo.com>
Sent: Monday, January 26, 2015 6:26 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Poun◆ Saberi
1504 Montrose St.
Philadelphia, PA 19146
(215) 686-2018

198

Wilkes, Dawne

From: dennis kreiner <djkreiner2@comcast.net>
Sent: Monday, January 26, 2015 6:22 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

dennis kreiner
2307arrow st
carpentersville, IL 60110
8474260418

199

Wilkes, Dawne

From: Chet Smolenski <cpsmolenski@windstream.net>
Sent: Monday, January 26, 2015 6:21 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Chet Smolenski
3818 Windover rd
Murrysville, PA 15668
724-327-6935

200

Wilkes, Dawne

From: Robert Damewood <bob_siewhui@comcast.net>
Sent: Monday, January 26, 2015 6:09 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Robert Damewood
312 Belonda St
Pittsburgh, PA 15211

201

Wilkes, Dawne

From: Sandra Goodstone <SGoodstone@optonline.net>
Sent: Monday, January 26, 2015 6:06 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Sandra Goodstone
24 Steeplechase Road
Millstone Twp, NJ 08535

Wilkes, Dawne

From: Dinorah Hall <deh5400@bellsouth.net>
Sent: Monday, January 26, 2015 6:05 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Dinorah Hall
P.O. Box 71288
Albany, GA 31708

203

Wilkes, Dawne

From: Neil Criste-Troutman <revorg4@ptd.net>
Sent: Monday, January 26, 2015 6:00 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Neil Criste-Troutman
139 Trinity Hill Road
Mount Pocono, PA 18344

204

Wilkes, Dawne

From: Victor Colon <boegyvic1@aol.com>
Sent: Monday, January 26, 2015 5:57 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Victor Colon
2401 Berkley Rd.
Reading, PA 19605

265

Wilkes, Dawne

From: Probyn Gregory <probyngregory@gmail.com>
Sent: Monday, January 26, 2015 5:54 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Probyn Gregory
10877 Deliban St
Tujunga, CA 91042
8182739301

Wilkes, Dawne

From: Brad Snyder <bksnyder1@hotmail.com>
Sent: Monday, January 26, 2015 5:54 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Brad Snyder
8887 Dallas Lane N.
Maple Grove, MN 55369

207

Wilkes, Dawne

From: Probyn Gregory <probyngregory@gmail.com>
Sent: Monday, January 26, 2015 5:49 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Probyn Gregory
10877 Deliban St
Tujunga, CA 91042
8182739301

208

Wilkes, Dawne

From: Rosemary Caolo <rosemary.caolo@verizon.net>
Sent: Monday, January 26, 2015 5:44 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Rosemary Caolo
1512 E. Gibson Street
Scranton, PA 18510
5703476665

209

Wilkes, Dawne

From: Janet Gallagher <janet_gallagher@verizon.net>
Sent: Monday, January 26, 2015 5:42 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Janet Gallagher
1214 75th St W FI BRADENTON
Bradenton, FL 34209
9415677159

210

Wilkes, Dawne

From: Ginger Hill <glhendersonville@yahoo.com>
Sent: Monday, January 26, 2015 5:42 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Ginger Hill
PO Box 226
Lyman, SC 29365
0123456789

211

Wilkes, Dawne

From: Michael Soso <mikesoso@aol.com>
Sent: Monday, January 26, 2015 5:40 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Michael Soso
409 Todd St
Pittsburgh, PA 15221
(412) 527-2168

212

Wilkes, Dawne

From: Michael Soso <mikesoso@aol.com>
Sent: Monday, January 26, 2015 5:40 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Michael Soso
409 Todd St
Pittsburgh, PA 15221
(412) 527-2168

Wilkes, Dawne

From: Robert March <obobmike79@yahoo.com>
Sent: Monday, January 26, 2015 5:34 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Robert March
1455 Maplewood St
Warren, OH 44483
330-394-5687

Wilkes, Dawne

From: JoAnn Williams <jwsewn@gmail.com>
Sent: Monday, January 26, 2015 5:29 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

JoAnn Williams
108 Judith LA.
Media, PA 19063
6105653365

Wilkes, Dawne

From: Christopher Minich <mystryman7@yahoo.com>
Sent: Monday, January 26, 2015 5:23 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Christopher Minich
313 Roberts Rd.
Lewis Run, PA 16738
8145587537

Wilkes, Dawne

From: ming gajate <minggpa@aol.com>
Sent: Monday, January 26, 2015 5:23 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

ming gajate
1305 mary jane lane
west chester, PA 19380

Wilkes, Dawne

From: Joseph Driscoll <gweezpie@yahoo.com>
Sent: Monday, January 26, 2015 5:21 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Joseph Driscoll
1329 Dunsinane Dr
West Chester, PA 19380

Wilkes, Dawne

From: Jessica and Grant Krow <jbkrow@gmail.com>
Sent: Monday, January 26, 2015 5:13 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jessica and Grant Krow
3118 W Penn St
Philadelphia, PA 19129
(215) 843-0628

Wilkes, Dawne

From: Tim Dunleavy <duntim77@yahoo.com>
Sent: Monday, January 26, 2015 5:12 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Tim Dunleavy
537 Cricklewood Drive
State College, PA 16803
412.225.5562

Wilkes, Dawne

From: Richard O'Donnell <elderwolfe@hotmail.com>
Sent: Monday, January 26, 2015 5:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Richard O'Donnell
29 Middleton Road
Wolfeboro, NH 03894

Wilkes, Dawne

From: Harry and Jill Brownfield <hbrown6905@aol.com>
Sent: Monday, January 26, 2015 5:09 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

We respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, we formally request the following:

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Sincerely,

Harry and Jill Brownfield
74 Acker Road
Newport, PA 17074

Wilkes, Dawne

From: Croitiene ganMoryn <adanto@jps.net>
Sent: Monday, January 26, 2015 5:08 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Croitiene ganMoryn
6211 SE 24th Avenue
Ocala, FL 34480

Wilkes, Dawne

From: Patti Scott <patriciabscott@gmail.com>
Sent: Monday, January 26, 2015 5:03 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Patti Scott
5092 Buss Dr
Emmaus, PA 18049
6109662622

Wilkes, Dawne

From: RICHARD JACOBEL <bmccc2001@yahoo.com>
Sent: Monday, January 26, 2015 4:59 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

RICHARD JACOBEL
PO Box 781
Oakhurst, CA 93644

Wilkes, Dawne

From: Barbara Gurschke <barbaragurschke@yahoo.com>
Sent: Monday, January 26, 2015 4:52 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Barbara Gurschke
La Loma Dr
P,O Box 4134
Medford, OR 97501

Wilkes, Dawne

From: Chara Armon <chara.armon@gmail.com>
Sent: Monday, January 26, 2015 4:50 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Chara Armon
309 Dogwood Lane
Wallingford, PA 19086
6105652248

Wilkes, Dawne

From: Shirley Bensetler <ammi333@yahoo.com>
Sent: Monday, January 26, 2015 4:47 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Shirley Bensetler
333 Brookside Ave
Cresskill, NJ 07626
2019999999

228

Wilkes, Dawne

From: Joan Herman <djerman@verizon.net>
Sent: Monday, January 26, 2015 4:46 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Joan Herman
1127 Nottingham Drive
West Chester, PA 19380
4844327450

229

Wilkes, Dawne

From: Shirley Bensetler <ammi333@yahoo.com>
Sent: Monday, January 26, 2015 4:45 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Shirley Bensetler
333 Brookside Ave
Cresskill, NJ 07626
2019999999

238

Wilkes, Dawne

From: KC Carney <ZimaKC@aol.com>
Sent: Monday, January 26, 2015 4:40 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

KC Carney
S Evaline St
Pittsburgh, PA 15224

Wilkes, Dawne

From: Mary Hartley <harpar1130@comcast.net>
Sent: Monday, January 26, 2015 4:40 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Mary Hartley
1319 Woodlawn St
Pittsburgh, PA 15221
4127313377

232

Wilkes, Dawne

From: Mykie Reidy <mykiereidy@gmail.com>
Sent: Monday, January 26, 2015 4:38 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Mykie Reidy
99 Parkridge Lane
Pittsburgh, PA 15228
(412) 952-1129

233

Wilkes, Dawne

From: Margaret Reiter <mreiter@ptd.net>
Sent: Monday, January 26, 2015 4:38 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Margaret Reiter
151 View Court
Saylorsburg, PA 18353

Wilkes, Dawne

From: Michael Miller Jr <michamille@comcast.net>
Sent: Monday, January 26, 2015 4:36 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Michael Miller Jr
1512 Spruce St Apt 809
Phila, PA 19102
267-235-7490

Wilkes, Dawne

From: Sherry McNeil <smcneil@zoominternet.net>
Sent: Monday, January 26, 2015 4:34 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Sherry McNeil
170 Royal Oak Dr
Butler, PA 16002
7244811818

Wilkes, Dawne

From: Robert Belknap <rebelknap@sms.edu>
Sent: Monday, January 26, 2015 4:32 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Robert Belknap
900 Hillsborough Street
Raleigh, NC 27603

Wilkes, Dawne

From: Tom Ferry <tom-ferry@excite.com>
Sent: Monday, January 26, 2015 4:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Tom Ferry
7 Justin Lane
Coatesville, PA 19320
484-368-9748

Wilkes, Dawne

From: Lou Pinto <julianne.pinto@comcast.net>
Sent: Monday, January 26, 2015 4:26 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Lou Pinto
4438 Pennypack St
Philadelphia, PA 19136
2153380352

239

Wilkes, Dawne

From: Bert Goff <bert@tristoe.net>
Sent: Monday, January 26, 2015 4:27 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Bert Goff
65 Legion Rd
New Milford, CT 06776
123-456-9876

240

Wilkes, Dawne

From: Lou Pinto <julianne.pinto@comcast.net>
Sent: Monday, January 26, 2015 4:27 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Lou Pinto
4438 Pennypack St
Philadelphia, PA 19136
2153380352

Wilkes, Dawne

From: George Erceg <rubot@comcast.net>
Sent: Monday, January 26, 2015 4:26 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

George Erceg
3079 Donnellville Rd
Natrona Heights, PA 15065
7246811513

Wilkes, Dawne

From: Andrew Yuen <Bgyuen@hotmail.com>
Sent: Monday, January 26, 2015 4:23 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Andrew Yuen
PO BOX 42
MOUNT POCONO, PA 18344
5708940972

Wilkes, Dawne

From: John Rohrer <John.rohrer4@icloud.com>
Sent: Monday, January 26, 2015 4:21 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

John Rohrer
220 Loring Court
Mnew Cumberland, PA 17070

Wilkes, Dawne

From: Allison Frymoyer <afrymoyer@gmail.com>
Sent: Monday, January 26, 2015 4:20 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Allison Frymoyer
600 Allenby Ave #1
Pittsburgh, PA 15218
5555555555

Wilkes, Dawne

From: Robert Cross <rcross@equinoxltd.com>
Sent: Monday, January 26, 2015 4:17 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Robert Cross
800 Diamond St
Williamsport, PA 17701
570-326-4657

Wilkes, Dawne

From: evelyn koppel <koppelonpencoyd@yahoo.com>
Sent: Monday, January 26, 2015 4:17 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

evelyn koppel
125 Valley
Mt. Gretna, PA 17064

Wilkes, Dawne

From: Dave Nakonecznyj <nokwurst@hotmail.com>
Sent: Monday, January 26, 2015 4:14 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Dave Nakonecznyj
129 Shire Ln
Wernersville, PA 19565

Wilkes, Dawne

From: Judith Foran <ja_foran@yahoo.com>
Sent: Monday, January 26, 2015 4:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Judith Foran
1614 West 6th Street
North Platte, NE 69101

249

Wilkes, Dawne

From: Elsa Petersen <tracksnrhythm@aol.com>
Sent: Monday, January 26, 2015 4:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Elsa Petersen
264 Colonial Heritage Park
Doylestown, PA 18901
267-243-4091

Wilkes, Dawne

From: Jeffrey Jenkins <JJenkin3@gmail.com>
Sent: Monday, January 26, 2015 4:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jeffrey Jenkins
210 Gunsmoke Dr.
Diamond Bar, CA 91765
9098675309

Wilkes, Dawne

From: Patricia Winnay <mstottie@comcast.net>
Sent: Monday, January 26, 2015 4:08 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Patricia Winnay
5658 S. Deer Run Road
Doylestown, PA 18902
(215) 794-3647

Wilkes, Dawne

From: CT Bross <ctbis@sbcglobal.net>
Sent: Monday, January 26, 2015 4:06 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

CT Bross
Adak Ct
Walnut Creek, CA 94597

Wilkes, Dawne

From: Rita Mullis <ritamullis@gmail.com>
Sent: Monday, January 26, 2015 4:05 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Rita Mullis
9830 Hanging Moss Trl
Mint Hill, NC 28227

Wilkes, Dawne

From: William Edelman <edelbill713@gmail.com>
Sent: Monday, January 26, 2015 4:04 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

William Edelman
529 Simms St.
Philadelphia, PA 19116
2673448475

255

Wilkes, Dawne

From: MR. & MRS. BRUCE REVESZ <NOGBRUTRPT@GMAIL.COM>
Sent: Monday, January 26, 2015 4:03 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

MR. & MRS. BRUCE REVESZ
103 THE FAIRWAY
CEDAR GROVE, NJ 07009

Wilkes, Dawne

From: Elizabeth Molsen <emolsen@ispor.org>
Sent: Monday, January 26, 2015 4:02 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Elizabeth Molsen
3100 Princeton Place
Lawrenceville, NJ 8648

Wilkes, Dawne

From: Fran Harkins <Franceseh@aol.com>
Sent: Monday, January 26, 2015 4:00 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Fran Harkins
3700 Venango Ave
Munhall, PA 15120
412-461-0178

Wilkes, Dawne

From: Kenneth Rowe <electfry@yahoo.com>
Sent: Monday, January 26, 2015 4:00 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Kenneth Rowe
4253 Promontory Ct
Loveland, CO 80537
9706198580

Wilkes, Dawne

From: Pat Rolston <patrolston@optonline.net>
Sent: Monday, January 26, 2015 3:56 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Pat Rolston
PO Box 120
Mount Tabor, NJ 07878

Wilkes, Dawne

From: Inga Jaeger <ingerbell84@yahoo.com>
Sent: Monday, January 26, 2015 3:56 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Inga Jaeger
1019 2nd Ave
Iowa City, IA 52240
319-471-0085

Wilkes, Dawne

From: D Meade <dmeade2@gmail.com>
Sent: Monday, January 26, 2015 3:56 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

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Sincerely,

D Meade
1804 Jefferson Ave
Lewisburg, PA 17837

Wilkes, Dawne

From: Beatriz Moisset <bmoisset@aol.com>
Sent: Monday, January 26, 2015 3:53 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Beatriz Moisset
28 Twin Brooks Dr
Willow Grove, PA 19090

Wilkes, Dawne

From: j talbot <talbot@talbotworld.com>
Sent: Monday, January 26, 2015 3:51 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

j talbot
305 w milton
austin, TX 78704

Wilkes, Dawne

From: Al Cohen <ajc142@verizon.net>
Sent: Monday, January 26, 2015 3:50 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Al Cohen
142 hoernerstown rd.
hummelstown, PA 17036
7177561372

Wilkes, Dawne

From: David Hayes <brzrkr99@yahoo.com>
Sent: Monday, January 26, 2015 3:50 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

David Hayes
6 Hersey St # 2
Salem, MA 19704
9787443376

Wilkes, Dawne

From: Carol Claus <cdclaus@mindspring.com>
Sent: Monday, January 26, 2015 3:48 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Carol Claus
651 Foxcroft Circle SE
Marietta, GA 30067
770-955-5119

Wilkes, Dawne

From: Carol Claus <cdclaus@mindspring.com>
Sent: Monday, January 26, 2015 3:49 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Carol Claus
651 Foxcroft Circle SE
Marietta, GA 30067
770-955-5119

Wilkes, Dawne

From: herman hardy <hermanhardypgh@yahoo.com>
Sent: Monday, January 26, 2015 3:46 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

herman hardy
1601 Penn Ave
Pittsburgh, PA 15221

Wilkes, Dawne

From: Ron Keeney <roadroverk@aol.com>
Sent: Monday, January 26, 2015 3:44 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Ron Keeney
101 Russell St
Warren, PA 16365

Wilkes, Dawne

From: Stephen Dempsey <chairman@epix.net>
Sent: Monday, January 26, 2015 3:42 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Stephen Dempsey
503 Glenville Rd
Cochranville, PA 19330
610-593-7371

271

Wilkes, Dawne

From: Janice Nathan <janaz5@aol.com>
Sent: Monday, January 26, 2015 3:41 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Janice Nathan
633 Hastings St
Pittsburgh, PA 15206
4123638388

Wilkes, Dawne

From: Bruce Bauer <bbauer1942@yahoo.com>
Sent: Monday, January 26, 2015 3:41 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Bruce Bauer
PO Box 1604
Medford, OR 97501

Wilkes, Dawne

From: Jasper Brinton <jasperbrinton@mac.com>
Sent: Monday, January 26, 2015 3:41 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jasper Brinton
1044 Western Road
Phoenixville, PA 19460
(610) 935-2851

Wilkes, Dawne

From: Mari McShane <mcshane@stat.cmu.edu>
Sent: Monday, January 26, 2015 3:39 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Mari McShane
333 Lucille St
Pittsburgh, PA 15218
4122470754

Wilkes, Dawne

From: Janet Cavallo <squirrelbuddy@aol.com>
Sent: Monday, January 26, 2015 3:38 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Janet Cavallo
1276 Providence Rd
Secane, PA 19018
6103281621

Wilkes, Dawne

From: Scott MacDougall <turasoir@gmail.com>
Sent: Monday, January 26, 2015 3:38 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Scott MacDougall
125 Mercer Street, #1
Jersey City, NJ 07302
(973) 997-8452

Wilkes, Dawne

From: Jamie Zazow <jzazow@roadrunner.com>
Sent: Monday, January 26, 2015 3:37 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jamie Zazow
733 Marine Street
Santa Monica, CA 90405
3106996950

Wilkes, Dawne

From: Scott MacDougall <turasoir@gmail.com>
Sent: Monday, January 26, 2015 3:37 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Scott MacDougall
125 Mercer Street, #1
Jersey City, NJ 07302
(973) 997-8452

Wilkes, Dawne

From: Bernice Zazow <jzazow@adelphia.net>
Sent: Monday, January 26, 2015 3:37 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Bernice Zazow
2401 Pennsylvania Ave
Apt 2C41
Philadelphia, PA 19130
2152354349

280

Wilkes, Dawne

From: Lee Bible <acadiahigh@yahoo.com>
Sent: Monday, January 26, 2015 3:35 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Lee Bible
155 Cherry Lane
Abbottstown, PA 17301
717-8550282

281

Wilkes, Dawne

From: Dan Cush <naha1111marti@comcast.net>
Sent: Monday, January 26, 2015 3:34 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Dan Cush
206 10th St
Aspinwall, PA 15215
4127816978

282

Wilkes, Dawne

From: sterling showers <srs7837@yahoo.com>
Sent: Monday, January 26, 2015 3:32 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

sterling showers
619 n hartley st
york, PA 17404
717 848 1265

Wilkes, Dawne

From: gwenn meltzer <gwenn2006@hotmail.com>
Sent: Monday, January 26, 2015 3:31 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

gwenn meltzer
1847 constitution av
506
woodlyn, PA 19094
6104995095

254

Wilkes, Dawne

From: Frank Kohn <frank.j.kohn@gmail.com>
Sent: Monday, January 26, 2015 3:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Frank Kohn
6655 McCallum St.
Philadelphia, PA 19119
215-843-8681

285

Wilkes, Dawne

From: Dominica Lo Bianco <lobianco12@yahoo.com>
Sent: Monday, January 26, 2015 3:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Dominica Lo Bianco
609 Convent Rd
Aston, PA 19014
610-558-7742

956

Wilkes, Dawne

From: meg kettell <megkettell@gmail.com>
Sent: Monday, January 26, 2015 3:26 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

meg kettell
114 india street
brooklyn, NY 11222

287

Wilkes, Dawne

From: Susan Shaak <mgsatmsc@gmail.com>
Sent: Monday, January 26, 2015 3:24 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Susan Shaak
3440 Stoner Ave
Reading, PA 19606
6107795360

256

Wilkes, Dawne

From: Arthur Mathews <artmathews@verizon.net>
Sent: Monday, January 26, 2015 3:24 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Arthur Mathews
Fay Place
Summit, NJ 07901

259

Wilkes, Dawne

From: Murray Jankus <mjankus@comcast.net>
Sent: Monday, January 26, 2015 3:23 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Murray Jankus
One Makefield Rd.
APT. J-381
Morrisville, PA 19067
(215) 208-7378

290

Wilkes, Dawne

From: Catherine Smith <catheris@mindspring.com>
Sent: Monday, January 26, 2015 3:22 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Catherine Smith
383 Olde House Ln
Media, PA 19063
215-988-2700

Wilkes, Dawne

From: Damien Dabrowski <damien.dabrowski@gmail.com>
Sent: Monday, January 26, 2015 3:22 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Damien Dabrowski
633 Tasker St
Philadelphia, PA 19148

292

Wilkes, Dawne

From: Michael Bertonaschi <michaelbertonaschi@comcast.net>
Sent: Monday, January 26, 2015 3:21 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Michael Bertonaschi
6404 Ten Point Cir
Trafford, PA 15085

Wilkes, Dawne

From: Purnima Barve <purnima.barve@gmail.com>
Sent: Monday, January 26, 2015 3:18 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Purnima Barve
427 Dorothy Dr
King of Prussia, PA 19406
6107249398

Wilkes, Dawne

From: Steve Todd <steventodd@hotmail.com>
Sent: Monday, January 26, 2015 3:17 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Steve Todd
629 Bullfrog Valley Road
Hummelstown, PA 17036

Wilkes, Dawne

From: John Schreiber <jfschreib@gmail.com>
Sent: Monday, January 26, 2015 3:15 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

John Schreiber
4471 Nottingham Way
Hamilton, NJ 08690

Wilkes, Dawne

From: Leslie Roessler <kuykens@ptd.net>
Sent: Monday, January 26, 2015 3:14 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Leslie Roessler
1942 Sycamore Street
Bethlehem, PA 18017
610-814-0715

Wilkes, Dawne

From: Priscilla Mattison <sallymattison@gmail.com>
Sent: Monday, January 26, 2015 3:14 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania DEP is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Priscilla Mattison
138 Montrose Ave Apt 28
Bryn Mawr, PA 19010
(610) 527-3102

2975

Wilkes, Dawne

From: Karen Stamm <oks.cdm@gmail.com>
Sent: Monday, January 26, 2015 3:14 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Karen Stamm
366 Broadway
11B
New York, NY 10013

299

Wilkes, Dawne

From: Elaine Becker <elainebecker@yahoo.com>
Sent: Monday, January 26, 2015 3:13 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Elaine Becker
2514 Sharmar Rd.
Roanoke, VA 24018

Wilkes, Dawne

From: Bartley Deason <iambart@q.com>
Sent: Monday, January 26, 2015 3:13 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Bartley Deason
PO Box 1060
Darby, MT 59829

Wilkes, Dawne

From: Vivian and Albert Schatz <vivianschatz@earthlink.net>
Sent: Monday, January 26, 2015 3:12 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Vivian and Albert Schatz
6907 Sherman St
Philadelphia, PA 19119
(215) 843-2051

302

Wilkes, Dawne

From: Vivian and Albert Schatz <vivianschatz@earthlink.net>
Sent: Monday, January 26, 2015 3:12 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Vivian and Albert Schatz
6907 Sherman St
Philadelphia, PA 19119
(215) 843-2051

Wilkes, Dawne

From: Louis Mariani <sybersyk@yahoo.com>
Sent: Monday, January 26, 2015 3:10 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Louis Mariani
403 Virginia Avenue
Whitehall, PA 18052
6104354042

Wilkes, Dawne

From: Michael Lombardi <mike.lombardi@rcn.com>
Sent: Monday, January 26, 2015 3:09 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Michael Lombardi
19 Morning Glory Lane
Levittown, PA 19054
2155477096

Wilkes, Dawne

From: Marianna Sokol <madrona@epix.net>
Sent: Monday, January 26, 2015 3:09 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Marianna Sokol
1317 Elk Grove Rd
Benton, PA 17814
5709255266

Wilkes, Dawne

From: Michael Lombardi <mike.lombardi@rcn.com>
Sent: Monday, January 26, 2015 3:08 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Michael Lombardi
19 Morning Glory Lane
Levittown, PA 19054
2155477096

Wilkes, Dawne

From: E C YARTER <ecyarter@mindspring.com>
Sent: Monday, January 26, 2015 3:06 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

Pipelines have PROVEN to be problematic, and when they carry flammable liquids and high-pressure gases the danger is even greater. We don't need it - we need CLEAN energy.

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

E C YARTER
7725 N BLANCO WASH TRAIL
MARANA, AZ 85653
520-444-2514

Wilkes, Dawne

From: Lawrence Berardi <l.berardi22@gmail.com>
Sent: Monday, January 26, 2015 3:04 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.
- 4) The air quality in Pennsylvania is already unacceptable.

Sincerely,

Lawrence Berardi
239 North Marshall Street
Lancaster, PA 17602
Phone Number

Wilkes, Dawne

From: Bob Hamburg <bhanomalous7@gmail.com>
Sent: Monday, January 26, 2015 3:03 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Bob Hamburg
532 Georgian Rd.
Glenside, PA 19038

Wilkes, Dawne

From: Anne Bonn <chanib1@verizon.net>
Sent: Monday, January 26, 2015 3:00 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Anne Bonn
201 W Evergreen Ave
Philadelphia, PA 19118
215-849-3478

Wilkes, Dawne

From: Tim Miller <timmiller203@gmail.com>
Sent: Monday, January 26, 2015 3:00 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Tim Miller
4601 Flat Rock Rd
Philadelphia, PA 19127
330-280-1573

Wilkes, Dawne

From: Anne Bonn <chanib1@verizon.net>
Sent: Monday, January 26, 2015 3:01 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Anne Bonn
201 W Evergreen Ave
Philadelphia, PA 19118
215-849-3478

Wilkes, Dawne

From: Kelly Riley <khanlon74@yahoo.com>
Sent: Monday, January 26, 2015 2:56 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Kelly Riley
1343 Needham Cir
Hatfield, PA 19440
215-534-3972

Wilkes, Dawne

From: Susan Carty <sc51446@aol.com>
Sent: Monday, January 26, 2015 2:55 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Susan Carty
1507 Von Steuben Drive
West Chester, PA 19380
610-692-2139

Wilkes, Dawne

From: Frances DeMillion <Fran@demillion.com>
Sent: Monday, January 26, 2015 2:52 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Frances DeMillion
713 Arbor Ln
Kennett Square, PA 19348
(610) 444-3644

Wilkes, Dawne

From: Barbara J Spiegelberg <mediate@epix.net>
Sent: Monday, January 26, 2015 2:52 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Barbara J Spiegelberg
240'steinman Farm Rd
Pequea, PA 17565
7172842485

Wilkes, Dawne

From: Hannah Wood <ascabcoruja@gmail.com>
Sent: Monday, January 26, 2015 2:52 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Hannah Wood
615 Bethlehem Pike
Erdenheim, PA 19038
6107627384

318

Wilkes, Dawne

From: Rebecca Canright <rebeccagroovypeace@gmail.com>
Sent: Monday, January 26, 2015 2:50 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Rebecca Canright
8 Deboer Farm Ln
Asbury, NJ 08802

Wilkes, Dawne

From: Frances DeMillion <Fran@demillion.com>
Sent: Monday, January 26, 2015 2:53 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Frances DeMillion
713 Arbor Ln
Kennett Square, PA 19348
(610) 444-3644

Wilkes, Dawne

From: Doug Rawling <adrawling@gmail.com>
Sent: Monday, January 26, 2015 2:51 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Doug Rawling
709 Swarthmore Drive
Newark, DE 19711

Wilkes, Dawne

From: Rebecca Canright <rebeccagroovypeace@gmail.com>
Sent: Monday, January 26, 2015 2:52 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Rebecca Canright
8 Deboer Farm Ln
Asbury, NJ 08802

Wilkes, Dawne

From: Barbara Snell <bj.snell@comcast.net>
Sent: Monday, January 26, 2015 2:49 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Barbara Snell
PO BOX 473
Gallatin, TN 37066
615 555-1212

Wilkes, Dawne

From: Dorothy Dunlap <weednbead@aol.com>
Sent: Monday, January 26, 2015 2:48 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Dorothy Dunlap
4041 Murray Ave
Pittsburgh, PA 15217
7245383656

Wilkes, Dawne

From: Marie Snavely <fatmainecat@yahoo.com>
Sent: Monday, January 26, 2015 2:48 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Marie Snavely
445 S Cedar St
Lititz, PA 17543
7176265195

Wilkes, Dawne

From: Bruce Sadowskas <besad@ptd.net>
Sent: Monday, January 26, 2015 2:48 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Bruce Sadowskas
472 Pennsylvania Avenue
Reading, PA 19606
(610) 779-9698

Wilkes, Dawne

From: Clark Sharlock <getyoursharkware@aol.com>
Sent: Monday, January 26, 2015 2:47 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Clark Sharlock
4782 Havana Dr
Pittsburgh, PA 15239

Wilkes, Dawne

From: Robert M Cohen MD <FolkDoc@comcast.net>
Sent: Monday, January 26, 2015 2:47 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Please note: I have nothing against fracking or against the pumping stations other than the fact the companies involved are simply not carrying out these activities responsibly. By "responsibly," I mean they have to do these activities without contaminating our environment. For example, fracking CAN be done without contamination so long as each step - such as the cementing of the drill hole - is done correctly and accurately. Contamination usually results from sloppy, non-obsessive work, and that is NOT tolerable. In my opinion, the energy companies are SOLELY responsible for bringing public opinion down on them. They need to recognize this - correct all their past mistakes - compensate those citizens who have suffered damage because of their actions - and make absolutely sure any further work is done properly.

Sincerely,

Robert M Cohen MD
2401 Pennsylvania Ave
Philadelphia, PA 19130
215-732-2448

Wilkes, Dawne

From: Jack Miller <jmiller1018@yahoo.com>
Sent: Monday, January 26, 2015 2:47 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jack Miller
130 DeLong Rd
Middleburg, PA 17842
570-837-6546

Wilkes, Dawne

From: Lois Sharlock <LoisS1121@verizon.net>
Sent: Monday, January 26, 2015 2:47 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Lois Sharlock
1121 McCauley Dr
Pittsburgh, PA 15235
7243722188

Wilkes, Dawne

From: James Amory <cheeseresource@me.com>
Sent: Monday, January 26, 2015 2:46 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

James Amory
228 Squires Ave #R1
Endicott, NY 13760

Wilkes, Dawne

From: Patrick Vogelsong <pvoqe73@zoho.com>
Sent: Monday, January 26, 2015 2:46 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Patrick Vogelsong
443 W Penn St
Carlisle, PA 17013
7175743847

332

Wilkes, Dawne

From: Barry Cutler <bcutler529@gmail.com>
Sent: Monday, January 26, 2015 2:46 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Barry Cutler
115 Wyndmoor Rd
Springfield, PA 19064
6107150556

Wilkes, Dawne

From: Terri Vasko <rockhopperztl@aol.com>
Sent: Monday, January 26, 2015 2:46 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Terri Vasko
128 West Liberty Rd
Slippery Rock, PA 16057

Wilkes, Dawne

From: Tess Dunlap <treehug999@aol.com>
Sent: Monday, January 26, 2015 2:45 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Tess Dunlap
258 Needle Point Rd
Evans City, PA 16057
7245383656

Wilkes, Dawne

From: Sondra Wolferman <jperrin21@hotmail.com>
Sent: Monday, January 26, 2015 2:45 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Sondra Wolferman
112 Buckhill Road
Albrightsville, PA 18210
570-722-0627

Wilkes, Dawne

From: Doug Landau <popcomic@tampabay.rr.com>
Sent: Monday, January 26, 2015 2:45 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Doug Landau
150 73 St S
St Petersburg, FL 33707
9999999999

Wilkes, Dawne

From: Lori Snyder <secretfilly@gmail.com>
Sent: Monday, January 26, 2015 2:45 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Lori Snyder
962 Centennial Rd.
New Oxford, PA 17350
7178706919

338

Wilkes, Dawne

From: Gary Sharlock <LuvBiketrial@aol.com>
Sent: Monday, January 26, 2015 2:44 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Gary Sharlock
1121 McCauley Dr
Pittsburgh, PA 16057
4123722188

Wilkes, Dawne

From: Larry Craig <getsharkware@aol.com>
Sent: Monday, January 26, 2015 2:43 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Larry Craig
128 West Liberty Rd
Slippery Rock, PA 16057
7245041047

Wilkes, Dawne

From: Peter Adams <padams89@gmail.com>
Sent: Monday, January 26, 2015 2:42 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Peter Adams
2728 Shelly St
Pittsburgh, PA 15203
6104165844

Wilkes, Dawne

From: Bonnie Craig <getsharkware@aol.com>
Sent: Monday, January 26, 2015 2:42 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Bonnie Craig
128 West Liberty Rd
Slippery Rock, PA 16057
7245041047

Wilkes, Dawne

From: John Young <jyoung333@gmail.com>
Sent: Monday, January 26, 2015 2:42 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

John Young
5 Park Lane
Pocono Manor, PA 18349

Wilkes, Dawne

From: Leslie Sharlock <getsharkware@aol.com>
Sent: Monday, January 26, 2015 2:41 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Leslie Sharlock
128 West Liberty Rd
Slippery Rock, PA 16057
7245041047

Wilkes, Dawne

From: Gary EICHELBERGER <gleichelberger@msn.com>
Sent: Monday, January 26, 2015 2:41 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

Exporting these raw materials will bankrupt Pennsylvania. I'm guessing the only reason they want it overseas is because their extracting and reclamation regulations would make it too expensive there. Better to leave the legacy costs to Pennsylvania, again (see: coal).

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Gary EICHELBERGER
1713 Spruce St 4th floor
Philadelphia, PA 19103
2158939859

Wilkes, Dawne

From: Carlos Oropeza <carlos_oropeza1@yahoo.com>
Sent: Monday, January 26, 2015 2:41 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Carlos Oropeza
106 Ava Ave
Somerdale, NJ 08083

346

Wilkes, Dawne

From: Virginia Hildebrand <Nespass@frontiernet.net>
Sent: Monday, January 26, 2015 2:40 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Virginia Hildebrand
1445 South Main Road
Mountain Top, PA 18707
NO

Wilkes, Dawne

From: Elizabeth Loser <lloser11411@comcast.net>
Sent: Monday, January 26, 2015 2:40 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Elizabeth Loser
1876 Deerfield Dr
Dover, PA 17315
7178876633

Wilkes, Dawne

From: Robert Gibb <rngibb@earthlink.net>
Sent: Monday, January 26, 2015 2:40 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Robert Gibb
5036 Revenue Street
Homestead, PA 15120
4124614483

Wilkes, Dawne

From: Mikail Barron <icebear@cruzio.com>
Sent: Monday, January 26, 2015 2:39 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Mikail Barron
110 Arrow Ln.
Felton, CA 95018

Wilkes, Dawne

From: Michael Heller <mheller01@hamline.edu>
Sent: Monday, January 26, 2015 2:39 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Michael Heller
30 E Jefferson St
Media, PA 19063
2155195279

Wilkes, Dawne

From: Judi Poulson <judpeace@gmail.com>
Sent: Monday, January 26, 2015 2:38 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Judi Poulson
1881 Knollwood Drive
Fairmont, MN 56031
5072355288

Wilkes, Dawne

From: M Solomon II <MSolomII@gmail.com>
Sent: Monday, January 26, 2015 2:38 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

M Solomon II
rauch
harrisburg, PA 17109

Wilkes, Dawne

From: George Herrington <g.r.herrington.realestate@gmail.com>
Sent: Monday, January 26, 2015 2:38 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

George Herrington
1679 Washington Rd
Pittsburgh, PA 15216
412-283-0160

354

Wilkes, Dawne

From: Beulah White <bswhite@att.net>
Sent: Monday, January 26, 2015 2:37 PM
To: Hanlon, Thomas
Subject: Reject the Proposed Sunoco Logistics Pumping Stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Beulah White
2605 El Camino Drive
Middletown, OH 45044
000 000 0000

Wilkes, Dawne

From: John and Karen Melton <karen.melton59@gmail.com>
Sent: Monday, January 26, 2015 2:37 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

John and Karen Melton
3232 W Penn St
Philadelphia, PA 19129
(215) 844-4612

Wilkes, Dawne

From: Bob Steininger <steininger.bob@gmail.com>
Sent: Monday, January 26, 2015 2:37 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Bob Steininger
100 Westridge Place South
Phoenixville, PA 19460

Wilkes, Dawne

From: David Fiedler <davefiedler@comcast.net>
Sent: Monday, January 26, 2015 2:37 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

David Fiedler
5188 Judson Dr.
Bensalem, PA 19020
2152441101

Wilkes, Dawne

From: Susan SALTZMAN <scsaltzman@aol.com>
Sent: Monday, January 26, 2015 2:36 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Susan SALTZMAN
1420 Locust Street #23M
Philadelphia, PA 19102
215-732-9769

Wilkes, Dawne

From: Gerritt and Elizabeth Baker-Smith <egbaksmith@gmail.com>
Sent: Monday, January 26, 2015 2:35 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Gerritt and Elizabeth Baker-Smith
338 Braeside Ave
East Stroudsburg, PA 18301
5703694485

Wilkes, Dawne

From: David Greene <David.greene5@comcast.net>
Sent: Monday, January 26, 2015 2:35 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

David Greene
283 Carpenter Ln
North Huntingdon, PA 15642
(412) 673-0504

Wilkes, Dawne

From: David Greene <David.greene5@comcast.net>
Sent: Monday, January 26, 2015 2:35 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

David Greene
283 Carpenter Ln
North Huntingdon, PA 15642
(412) 673-0504

Wilkes, Dawne

From: Kathy Fox <kathyafox@yahoo.com>
Sent: Monday, January 26, 2015 2:34 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Kathy Fox
1513 Elm Street
Bethlehem, PA 18017
908-319-8418

Wilkes, Dawne

From: Curtis Girvin <curtis.girvin@verizon.net>
Sent: Monday, January 26, 2015 2:34 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Curtis Girvin
312 N 39TH ST
HARRISBURG, PA 17109
7175878018

Wilkes, Dawne

From: Carl Oerke Jr <carl_oerke@yahoo.com>
Sent: Monday, January 26, 2015 2:33 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Carl Oerke Jr
264 Lexington Drive
River Edge, NJ 07661
(201) 489-0867

Wilkes, Dawne

From: Kathy Hart <Kathyhart@gmail.com>
Sent: Monday, January 26, 2015 2:33 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Kathy Hart
12 Summit In
Succasunna, NJ 07876

Wilkes, Dawne

From: Debra Kline <dkline8989@yahoo.com>
Sent: Monday, January 26, 2015 2:33 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Debra Kline
bolivar
bradford, PA 16701

Wilkes, Dawne

From: Peter Radell <s.putnik@verizon.net>
Sent: Monday, January 26, 2015 2:33 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Peter Radell
508 5th St
MT Gretna, PA 17064
7175036771

Wilkes, Dawne

From: John Comella <john.comella1@gmail.com>
Sent: Monday, January 26, 2015 2:32 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

John Comella
1900 J F Kennedy Blvd Apt 1624
Philadelphia, PA 19103
2676872288

Wilkes, Dawne

From: Sam Koplinka-Loehr <skl@cleanair.org>
Sent: Monday, January 26, 2015 2:32 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Sam Koplinka-Loehr
135 S 19th Street
300
Philadelphia, PA 19103
215-567-4004

Wilkes, Dawne

From: Kathleen Borres <contini-borres@juno.com>
Sent: Monday, January 26, 2015 2:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Kathleen Borres
6371 Kemerer Hollow Road
Export, PA 15632

Wilkes, Dawne

From: Mark Bedard <mbedard5150@gmail.com>
Sent: Monday, January 26, 2015 2:30 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

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Sincerely,

Mark Bedard
29900 Gloria St
Saint Clair Shores, MI 48082
8083431471

Wilkes, Dawne

From: Kathy Stewart <Gram-S@comcast.net>
Sent: Monday, January 26, 2015 2:29 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Kathy Stewart
6510 Union Deposit Rd.
Harrisburg, PA 17111

Wilkes, Dawne

From: Jamie Ober <dennisober@hotmail.com>
Sent: Monday, January 26, 2015 2:29 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Jamie Ober
1833 Upper Rd
1833 Upper Rd.
Shamokin, PA 17872
8888888888

374

Wilkes, Dawne

From: Mitch Struble <elburtsm@yahoo.com>
Sent: Monday, January 26, 2015 2:29 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Mitch Struble
2006 Naudain St
Philadelphia, PA 19146
215-732-5868

Wilkes, Dawne

From: Jason Giulieri <jasongiulieri@gmail.com>
Sent: Monday, January 26, 2015 2:28 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Jason Giulieri
5160 Cypress St
Pittsburgh, PA 15224
412-760-8507

Wilkes, Dawne

From: Valerie Dorn <vrdorn@yahoo.com>
Sent: Monday, January 26, 2015 2:27 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Valerie Dorn
812 Bennington Rd
Folcroft, PA 19032
610-532-3513

377

Wilkes, Dawne

From: Jean Friday <ejfriday@atlanticbb.net>
Sent: Monday, January 26, 2015 2:27 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Jean Friday
5127 Cedar Hills Blvd
Belle Vernon, PA 15012
724-930-9848

Wilkes, Dawne

From: John Comella <john.comella1@gmail.com>
Sent: Monday, January 26, 2015 2:27 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

John Comella
1900 J F Kennedy Blvd Apt 1624
Philadelphia, PA 19103
2676872288

Wilkes, Dawne

From: John S. Sonin <sojohn61@hotmail.com>
Sent: Monday, January 26, 2015 2:27 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

John S. Sonin
329 5th St
Juneau, AK 99801
907-586-8212

Wilkes, Dawne

From: Ruth Steinberg <ruthsteinberg71@gmail.com>
Sent: Monday, January 26, 2015 2:27 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Ruth Steinberg
103 Knollwood Drive
Tinton Falls, NJ 07724

381

Wilkes, Dawne

From: Chris Grimley <grimleycj@live.com>
Sent: Monday, January 26, 2015 2:27 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Chris Grimley
52 Shannon Rd
North Wales, PA 19454

Wilkes, Dawne

From: Pamyllle Greinke <pamyllle1@gmail.com>
Sent: Monday, January 26, 2015 2:26 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Pamyllle Greinke
P.O. Box 456
Peconic, NY 11958

Wilkes, Dawne

From: Jean Friday <ejfriday@atlanticbb.net>
Sent: Monday, January 26, 2015 2:25 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jean Friday
5127 Cedar Hills Blvd
Belle Vernon, PA 15012
724-930-9848

Wilkes, Dawne

From: Dale Kashner <drkashner@comcast.net>
Sent: Monday, January 26, 2015 2:25 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Dale Kashner
313 Claremont Dr.
Seven Valleys, PA 17360

Wilkes, Dawne

From: Ronald Gulla <fight11@verizon.net>
Sent: Monday, January 26, 2015 2:25 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Ronald Gulla
302 Linden Creek Rd
Canonsburg, PA 15317
724-745-3962

Wilkes, Dawne

From: Ronald Gulla <fight11@verizon.net>
Sent: Monday, January 26, 2015 2:25 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Ronald Gulla
302 Linden Creek Rd
Canonsburg, PA 15317
724-745-3962

357

Wilkes, Dawne

From: john papandrea <jpap100@aol.com>
Sent: Monday, January 26, 2015 2:25 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

john papandrea
110 west 90 street
new york, NY 10024

Wilkes, Dawne

From: Phil Stober <pstober80@comcast.net>
Sent: Monday, January 26, 2015 2:24 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear Tom,

I thank you for arranging the public hearing for Sunoco's proposed Mariner East Pumping Station in West Cornwall Township, on February 17th. I hope you might conduct a similar hearing for the proposed Sunoco Logistics NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA, as well,

The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely, ,

Phil Stober
80 North Cornwall Road
Lebanon, PA 17042
717-277-5461

Wilkes, Dawne

From: Paul Parowski <paulparowski1@verizon.net>
Sent: Monday, January 26, 2015 2:23 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Paul Parowski
361 Eaglebrook Ln
Richfield, PA 17086
5705394283

Wilkes, Dawne

From: SHANNON PENDLETON <sandersondesign@gmail.com>
Sent: Monday, January 26, 2015 2:23 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

SHANNON PENDLETON
815 FETTERS MILL
BRYN ATHYN, PA 19009
609-933-4872

Wilkes, Dawne

From: Bryn Richard <bryn_r@ecologyfund.net>
Sent: Monday, January 26, 2015 2:22 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Bryn Richard
552 Holmes Rd
Morton, PA 19070
2150000000

Wilkes, Dawne

From: Mary Ann Leitch <maleitch@live.com>
Sent: Monday, January 26, 2015 2:21 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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You must protect the citizenry and the environment from reckless and greedy profiteers that want their monies by any means. Denmark is 45% clean wind energy NOW, will be 75% in 6 years and 100% by 2050.

We want to think Denmark NOW and NOT expand climate destroying methane and its by products - we can live without them. There could be plenty of jobs in the clean energy industry rather than lives for jobs with oil and gas.

The planet will only take so much abuse.

Sincerely,

Mary Ann Leitch
526 Reed St
Phila, PA 19147
2152717878

Wilkes, Dawne

From: Libby J. Goldstein <gorbehfarsi@verizon.net>
Sent: Monday, January 26, 2015 2:21 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Libby J. Goldstein
331 Queen St.
Philadelphia, PA 19147
215 4658878

Wilkes, Dawne

From: Libby J. Goldstein <gorbehfarsi@verizon.net>
Sent: Monday, January 26, 2015 2:21 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Libby J. Goldstein
331 Queen St.
Philadelphia, PA 19147
215 4658878

395

Wilkes, Dawne

From: Thomas Swimley <tswimley@gmail.com>
Sent: Monday, January 26, 2015 2:20 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Thomas Swimley
9808 State Highway 249
Knoxville, PA 16928
8143264096

Wilkes, Dawne

From: Kimberly Seger <kimmiland@hotmail.com>
Sent: Monday, January 26, 2015 2:20 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Kimberly Seger
11373 Us Route 422
Kittanning, PA 16201
7243544657

Wilkes, Dawne

From: Joyce Reddig <joycereddig@gmail.com>
Sent: Monday, January 26, 2015 2:20 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Joyce Reddig
509 Singer Dr
Madison, TN 37115

398

Wilkes, Dawne

From: Aleks Kosowicz <guerillawordfare@yahoo.com>
Sent: Monday, January 26, 2015 2:19 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Aleks Kosowicz
12876 N. Balsam Road
Hayward, WI 54843

Wilkes, Dawne

From: richard kite <coloneledamvc@aol.com>
Sent: Monday, January 26, 2015 2:18 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

richard kite
brown street
Colne, NY 12345

Wilkes, Dawne

From: Margaret Hudgings <mhudgings@gmail.com>
Sent: Monday, January 26, 2015 2:18 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Margaret Hudgings
409 W. Union Street
West Chester, PA 19382
6106923849

Wilkes, Dawne

From: Nora Nash <nnash@osfphila.org>
Sent: Monday, January 26, 2015 2:18 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Nora Nash
609 S. Convent Road
Aston, PA 19014, PA 19014
610-558-7661

Wilkes, Dawne

From: Gertrude Glazer <freerangemusic@yahoo.com>
Sent: Monday, January 26, 2015 2:18 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Gertrude Glazer
68 East Prospect Street
Hopewell, NJ 08525
6094662818

Wilkes, Dawne

From: Doug Herren <Dougherren@me.com>
Sent: Monday, January 26, 2015 2:18 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Doug Herren
2132 n hancock st
Philadelphia, PA 19122

Wilkes, Dawne

From: Ken Wolfgang <kenwolfgang@gmail.com>
Sent: Monday, January 26, 2015 2:17 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Ken Wolfgang
541 W Ellet St
Philadelphia, PA 19119
267-252-6717

Wilkes, Dawne

From: Carolyn Riddle <riddlegame@gmail.com>
Sent: Monday, January 26, 2015 2:17 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Carolyn Riddle
Please don't send mail
Austin, TX 78758

Wilkes, Dawne

From: Bob Vaughan <vaughanbob@ymail.com>
Sent: Monday, January 26, 2015 2:17 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Bob Vaughan
3016 W. Harbor View Ave
Tampa, FL 33611

Wilkes, Dawne

From: Michael Koplinka-Loehr <mak11@cornell.edu>
Sent: Monday, January 26, 2015 2:16 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Michael Koplinka-Loehr
118 Ross Rd
Lansing, NY 14882
607-592-8437

Wilkes, Dawne

From: maria payan <payans@zoominternet.net>
Sent: Monday, January 26, 2015 2:16 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

maria payan
9 Aubel Rd
Delta, PA 17314
7174565800

Wilkes, Dawne

From: David Harralson <davidharralson@hotmail.com>
Sent: Monday, January 26, 2015 2:15 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

David Harralson
3629 Lankershim Blvd
Hollywood, CA 90068

Wilkes, Dawne

From: Tina Tine' <tina.m.tine@gmail.com>
Sent: Monday, January 26, 2015 2:15 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely, Tina Tine'

Tina Tine'
414 n. forest park blvd. #725
Knoxville, TN 37919
865-307-3566

Wilkes, Dawne

From: William Henry <wfh@zoominternet.net>
Sent: Monday, January 26, 2015 2:15 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

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Sincerely,

William Henry
117 Harshaville Rd
Clinton, PA 15026
7248993271

Wilkes, Dawne

From: Edward Armm <Edarmm@hotmail.com>
Sent: Monday, January 26, 2015 2:15 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

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Sincerely,

Edward Armm
15 Tennis Road
Lake Hopatcong, NJ 07849
9736634291

Wilkes, Dawne

From: Harry Hochheiser <hshoch@gmail.com>
Sent: Monday, January 26, 2015 2:15 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Harry Hochheiser
5742 Woodmont St
Pittsburgh, PA 15217

Wilkes, Dawne

From: William Everett <aestevalis_0@yahoo.com>
Sent: Monday, January 26, 2015 2:15 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

William Everett
1055 W 27th Ave
Anchorage, AK 99503
6664206969

Wilkes, Dawne

From: Bernice Born <edward.born@verizon.net>
Sent: Monday, January 26, 2015 2:15 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Bernice Born
612 Avery St
Pittsburgh, PA 15212

416

Wilkes, Dawne

From: Edward Armm <Edarmm@hotmail.com>
Sent: Monday, January 26, 2015 2:14 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Edward Armm
15 Tennis Road
Lake Hopatcong, NJ 07849
9736634291

4/17

Wilkes, Dawne

From: christian hartleben <prophit1970@gmail.com>
Sent: Monday, January 26, 2015 2:14 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

christian hartleben
732 spring lane
philadelphia, PA 19128
215 4821012

418

Wilkes, Dawne

From: William Leavy <quatermass5@hotmail.com>
Sent: Monday, January 26, 2015 2:14 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

William Leavy
2031 Placita de Vida
Santa Fe, NM 87505
000-000-0000

Wilkes, Dawne

From: Andrew Perron <pwerdna@gmail.com>
Sent: Monday, January 26, 2015 2:13 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Andrew Perron
7227 Penn Ave
Pittsburgh, PA 15208
412-657-2084

426

Wilkes, Dawne

From: Daniel Safer <saferdan@hotmail.com>
Sent: Monday, January 26, 2015 2:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Daniel Safer
3305 Hamilton St
Philadelphia, PA 19104
000 000 0000

Wilkes, Dawne

From: Chris Grimley <grimleycj@live.com>
Sent: Monday, January 26, 2015 2:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Chris Grimley
52 Shannon Rd
North Wales, PA 19454

Wilkes, Dawne

From: LINDA FOCHT <ljfocht@hotmail.com>
Sent: Monday, January 26, 2015 2:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

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Sincerely,

LINDA FOCHT
50 Glen Oley Drive
Reading, PA 19606

Wilkes, Dawne

From: Barbara Moore <msgemstone@att.net>
Sent: Monday, January 26, 2015 2:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Barbara Moore
4652 Cheryl Dr.
Bethlehem, PA 18017

428

Wilkes, Dawne

From: Harry Hochheiser <hshoch@gmail.com>
Sent: Monday, January 26, 2015 2:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

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Sincerely,

Harry Hochheiser
5742 Woodmont St
Pittsburgh, PA 15217

Wilkes, Dawne

From: Joseph Guzman <joeguzzy@aol.com>
Sent: Monday, January 26, 2015 2:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

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Sincerely,

Joseph Guzman
87-39 98th Street
Woodhaven, NY 11421
718-704-7023

400

Wilkes, Dawne

From: Jonathan Lyons <jonathan.lyons@bucknell.edu>
Sent: Monday, January 26, 2015 2:11 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Jonathan Lyons
196 Mountainview Road
Lewisburg, PA 17837
5705778124

Wilkes, Dawne

From: Chuck White <cpw048@gmail.com>
Sent: Monday, January 26, 2015 2:10 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Chuck White
1233 Victoria Ln
West Chester, PA 19380
6102202036

Wilkes, Dawne

From: Steven Sugarman <wrathchild62@gmail.com>
Sent: Monday, January 26, 2015 2:09 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Steven Sugarman
PO Box 923
Malibu, CA 90265
3109636536

Wilkes, Dawne

From: Robert and Donna Janusko <482b71e1@opayq.com>
Sent: Monday, January 26, 2015 2:08 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Robert and Donna Janusko
1329 Eaton Ave
Bethlehem, PA 18018
610 849 2212

Wilkes, Dawne

From: Caroline Binder <ms.c.binder@gmail.com>
Sent: Monday, January 26, 2015 2:08 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

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Sincerely,

Caroline Binder
1140 Union Church Rd
Mc Connellsburg, PA 17233

Wilkes, Dawne

From: David LaVerne <backpack2@comcast.net>
Sent: Monday, January 26, 2015 2:07 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

David LaVerne
844 Lincoln St
Dickson City, PA 18519
5704898409

Wilkes, Dawne

From: CAROL GELFAND <CAROLGELFAND@MAC.COM>
Sent: Monday, January 26, 2015 2:07 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

CAROL GELFAND
478 BYRLEE DR
PGH, PA 15237
4123671921

Wilkes, Dawne

From: Erin morelli <erinmorelli@hotmail.com>
Sent: Monday, January 26, 2015 1:41 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Erin morelli
1322 Mary Jane Lane
West Chester, PA 19380
484-614-6783

Wilkes, Dawne

From: John Neill <johnkb24@verizon.net>
Sent: Monday, January 26, 2015 1:36 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

John Neill
1254 Longford Rd
West Chester, PA 19380

Wilkes, Dawne

From: Susan Rapp <sr19380@yahoo.com>
Sent: Monday, January 26, 2015 1:19 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Susan Rapp
1239 Victoria Lane
West Chester, PA 19380

Wilkes, Dawne

From: Michael Miller <msmillerjr@gmail.com>
Sent: Monday, January 26, 2015 1:18 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Michael Miller
102 Lynn Circle
West Chester, PA 19380

Wilkes, Dawne

From: Karen Feridun <berksgastruth@gmail.com>
Sent: Monday, January 26, 2015 1:01 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Karen Feridun
260 East Main Street
Kutztown, PA 19530
6106787726

438

Wilkes, Dawne

From: Scott Miller <pianoscott@yahoo.com>
Sent: Monday, February 02, 2015 1:25 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Scott Miller
916 N. 23rd St.
Allentown, PA 18104

Wilkes, Dawne

From: John Flynn <jmflynn33@comcast.net>
Sent: Monday, January 26, 2015 3:08 PM
To: Hanlon, Thomas
Subject: You MUST Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

NO, NO, NO !!!

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

John Flynn
88 Dillon Way
Washington Crossing, PA 18977
2153213280

Wilkes, Dawne

From: m smeltzer <msmeltzr@ptd.net>
Sent: Friday, February 13, 2015 8:09 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

m smeltzer
7356 gun club rd
new tripoli, PA 18066

441

Wilkes, Dawne

From: D Meade <dmeade2@gmail.com>
Sent: Friday, February 27, 2015 6:30 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

D Meade
Jefferson Ave
Lewisburg, PA 17837

Wilkes, Dawne

From: Jeff Bence <jeffbence@aol.com>
Sent: Friday, February 27, 2015 9:42 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jeff Bence
1066 Washington Ave
PO Box 97
Wycombe, PA 18980
2158600360

Wilkes, Dawne

From: Sharon Boring <tuppyjeremiah@aol.com>
Sent: Sunday, March 01, 2015 5:34 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Sharon Boring
531 Center Grange Rd.
Monaca, PA 15061
7243780808

Wilkes, Dawne

From: Jeff Bence <jeffbence@aol.com>
Sent: Friday, February 27, 2015 9:42 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jeff Bence
1066 Washington Ave
PO Box 97
Wycombe, PA 18980
2158600360

Wilkes, Dawne

From: Eric Durante <ericdurante@gmail.com>
Sent: Monday, February 23, 2015 9:31 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Eric Durante
241 Goss Hollow Ln
Port Matilda, PA 16870
814-692-7152

Wilkes, Dawne

From: Patrick Vogelsong <pvoge73@zoho.com>
Sent: Monday, February 16, 2015 6:48 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

Patrick Vogelsong
443 W Penn St
Carlisle, PA 17013
7175743847

Wilkes, Dawne

From: m smeltzer <msmeltzr@ptd.net>
Sent: Friday, February 27, 2015 7:26 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
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Sincerely,

m smeltzer
7356 gun club rd
new tripoli, PA 18066

Wilkes, Dawne

From: Jackie Critser <jackiecritser@gmail.com>
Sent: Friday, February 13, 2015 1:30 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

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Sincerely,

Jackie Critser
19747 SW Sweet Gum Ct
Beaverton, OR 97078
503-880-0292

Wilkes, Dawne

From: Jennifer DiRenzo <foxescreek@aol.com>
Sent: Sunday, March 01, 2015 5:33 PM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

Jennifer DiRenzo
4997 Watson Road
Elk Creek, MO 65464

Wilkes, Dawne

From: mark spina <nbtw12@yahoo.com>
Sent: Thursday, February 19, 2015 11:35 AM
To: Hanlon, Thomas
Subject: Reject the proposed Sunoco Logistics pumping stations in Huntingdon County, Dauphin County, and Perry County! #31-03036, #22-03094, #50-03006

Dear DEP Facility Permitting Chief Hanlon,

I respectfully submit this public comment and the following requests pertaining to the proposed Sunoco Logistics natural gas liquids (NGL) pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA. The Pennsylvania Department of Environmental Protection (DEP) is responsible for ensuring that residents of Pennsylvania have clean water and pure air. In order to protect these constitutional rights to the greatest extent possible, I formally request the following:

- 1) PA DEP reject Sunoco Logistics' application to operate NGL pumping stations in Shirley Township, Londonderry Township, and Toboyne Township, PA as they would increase local air pollution and set a dangerous precedent for NGL transport through this corridor.
- 2) PA DEP at the very least hold public hearings and meetings with time for questions and answer regarding each of these proposed NGL pumping stations; permit numbers: 31-03036, 22-03094, and 50-03006.
- 3) PA DEP conduct a cumulative air quality impact and public safety analysis of the entire Sunoco Logistics Mariner East NGL pipeline project including emissions from the 18 proposed pumping stations; the hydraulically-fractured wells at the point of extraction; the MarkWest gas processing facility (63-00936); the fractionation and shipping facility at the Marcus Hook industrial complex (23-0119); and the fugitive emissions from the entire 350-mile pipeline route that is over 80 years old.

Sincerely,

mark spina
1517 south stanley street
Philadelphia, PA 19146

Commonwealth Of Pennsylvania
Department of Environmental Protection
Southcentral Regional Office
 May 12, 2017

Subject: Sunoco Pipeline LP/Cornwall Station/Mariner East 1
 Addendum Memo
 West Cornwall Township, Lebanon County
 Permit No. 38-03062

To: William Weaver *WW 5/19/17*
 Regional Manager
 Air Quality Program

Thru: Thomas Hanlon, Chief *TH 5/12/17*
 East Permitting Section
 Air Quality Program

From: Darrell Hartline *DH 5/12/17*
 East Permitting Section
 Air Quality Program

Comment Period

Copies of the proposed permit were submitted to Mr. Matthew Kraus of Tetra Tech Inc. representing Sunoco Pipeline LP (SPLP) and to DEP Reading District inspection staff.

Mr. Kraus responded with an email dated 10/3/14, indicating that the SIC Code listed on the cover sheet of the permit was incorrect. DEP concurs with this change.

Notice of the Department's intent to issue the operating permit was published in the Pennsylvania Bulletin on September 20, 2014. In response to requests from the public, DEP held a public hearing on this draft permit on 2/17/15, at the Quentin Volunteer Fire Company. During the public comment period on the draft permit, DEP has received numerous public comments both in favor of, and in opposition to the application, including close to 500 form letter emails, as well as a protest letter from an environmental advocacy group called the Clean Air Council. Copies of these comment items, a list of commenters, and DEP's Comment and Response Document, are included as attachments to this memo.

Addendum Submittal

A permit application addendum was submitted by SPLP on 9/12/16 because the emissions associated with the Cornwall Station have been recalculated based on:

- Updated equipment information including flare pilot gas flow rate,
- More detailed information regarding maintenance activities,

- As-built Piping and Instrumentation Diagrams (P&IDs),
- Current equipment specific emission factors, and
- A more conservative flare emission estimate utilizing the manufacturer's guaranteed design destruction and removal efficiency of 98%.

The revised potential emissions estimates are 0.06 tpy of NO_x, 0.24 tpy of CO, 0.76 tpy of VOCs, 0.01 tpy of Methane and 108 tpy of GHGs.

Note: On December 14, 2016, the Environmental Protection Agency issued minor revisions to AP-42 Section 13.5: Industrial Flares. As a result, the VOC emissions from the flare pilot gas increased by 0.02 tpy.

As part of the ongoing review of this permit, the Department has looked further into the issue of aggregation of the facility with other nearby sources owned by SPLP. They provided supplemental information to their aggregation analysis on 2/16/16. The closest facility identified was the Rexmont Road Block Valve located approximately 6.2 miles away. There is no interdependence between operation of the Block Valve and the Cornwall Station. As a result the Department has determined that no emissions need to be aggregated with those of the Cornwall Station. Sunoco also included an aggregation analysis in the 9/12/16 application update. This was identical to the 2/16/16 submission.

There is no confidential documentation in the updated application and supporting emails.

Revisions to Draft Permit:

1. On March 10, 2017 Mr. Jed Werner of SPLP indicated the Cornwall Station does not have pigging equipment. I removed the reference to "pigging" in the Section A, Source ID 103 description. Attached is a copy of the information provided by Mr. Werner concerning pigging equipment.
2. C 001 (now 002): updated to the same fugitive emission language used in recent similar SERO permits
3. C 005 (now 006): updated to the same visible emission language used in recent similar SERO permits
4. C 007 (now 008): changed to reflect stack testing language used in recent similar SERO permits
5. C 008: deleted stack test language for consistency with similar SERO permits; testing issues are already adequately addressed in B 019
6. C 009: deleted stack test language for consistency with similar SERO permits; testing issues are already adequately addressed in B 019
7. C 011 (now 010): changed to reflect weekly periphery inspection language used in recent similar SERO permits and to add fugitive emission leak monitoring and repair language related to the response to Comment 53.
8. C 012: changed to reflect weekly periphery inspection recordkeeping language used in recent similar SERO permits
9. C 013: deleted 5-year recordkeeping provision for consistency with recent similar SERO permits; this issue is already adequately addressed in B 020(b)

10. C 014: deleted requirement to provide records provision for consistency with recent similar SERO permits; this issue already adequately addressed in B 020(b)
11. C 015: changed to reflect malfunction reporting language used in recent similar SERO permits
12. C (new 011): added new condition regarding monitoring of VOC thruput for consistency with language used in recent similar SERO permits
13. C (new 014): added new condition regarding recordkeeping of emission increases for consistency with language used in recent similar SERO permits
14. C 014 (now 013): changed to reflect VOC recordkeeping language used in recent similar SERO permits
15. C (new 016): added new condition regarding accidental release reporting for consistency with language used in recent similar SERO permits.
16. C (new 017): added new condition regarding Chapter 135 reporting for consistency with language used in recent similar SERO permits.
17. C (new 019): added new condition regarding corrective measures for consistency with language used in recent similar SERO permits.
18. C 021 (new): added condition regarding local ordinances; see Response to Comment 19.
19. E 01 006: added the word "immediately" to reflect stack testing language used in recent similar SERO permits
20. Also, the numbering of Section C conditions was affected by revising the condition type classification of certain conditions, unrelated to their content.

Conclusions and Recommendations

I recommend that the revised draft Permit No. 38-03062 be redistributed for comments.

Enclosures

cc: Permits/Lancaster District Office/SC Region 38-03062, B3

Commonwealth Of Pennsylvania
 Department of Environmental Protection
 Southcentral Regional Office
 September 15, 2017

Subject: Sunoco Pipeline LP/Cornwall Station/Mariner East
 Addendum Memo
 West Cornwall Township, Lebanon County
 Permit No. 38-03062

To: William Weaver *WAW 9/15/17*
 Regional Manager
 Air Quality Program

Thru: Thomas Hanlon, Chief *TH 9/15/17*
 East Permitting Section
 Air Quality Program

From: Darrell Hartline *DH 9/15/17*
 East Permitting Section
 Air Quality Program

Comment Period

A copy of the proposed permit was submitted to Mr. Jed Werner, Sunoco Logistics Manager – Air Permitting.

Mr. Werner provided the following comments, via email with an attachment, on June 16, 2017:

Page 1 identifies Matthew Gordon as the responsible official. The responsible official for the Cornwall Pump Station is Mark Martin, Operations Supervisor.

Response: The requested change has been made.

Section C Condition #009 visible emissions are to be measured using either a Department approved device or trained opacity observers. Similar to issued SOOP's for other Pump Stations, Sunoco Pipeline requests condition #009 (b). state "Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

Response: The requested change has been made.

Section C Condition #010 (b) (5) requires investigation of any observed problems and a first attempt of repair within 15 days and notification to DEP if the repair is not complete within 30 days. Sunoco Pipeline requests removal of this condition.

Response: The Department believes it is appropriate to retain this condition.

Section C Condition #014 requires the maintenance of a log for all fugitive monitoring, visible emissions and odors, including those that deviate from the conditions found in the permit. The method used to determine non-compliance is sight, sound and smell. This log is a monthly sight, sound, and smell log.

Response: I called Mr. Werner and he indicated to me he made a mistake. He was referencing Condition #012 instead of Condition #014. He also indicated Condition #012 as written is acceptable and no change is requested. On June 27, 2017 Mr. Werner sent, via email, a message indicating the condition is acceptable as written.

Notice of the Department's intent to issue the permit was published in the Pennsylvania Bulletin on June 3, 2017. DEP received public comments on the revised draft permit. Copies of these comment items, a list of commenters, and DEP's Comment and Response Document, are included as attachments to his memo.

Revisions to Draft Permit:

As part of finalizing this permit, DEP is formalizing its determination that the air emissions expected from the West Cornwall Station, including both stack and fugitive emissions are of minor significance with regard to causing air pollution, and will not, on their own merits, prevent or interfere with the attainment or maintenance of an ambient air quality standard. A condition will be placed in the operating permit to this effect. DEP makes this determination because the post-control emissions from the site:

- 1.) do not meet the criteria for needing an air quality permit and
- 2.) do not exceed the criteria for a de minimis emission increase under 25 Pa. Code Section 127.449.
- 3.) are much smaller than the emissions from many other legally operating sources in the Commonwealth.
- 4.) have not been shown to cause any environmental problems during normal operation.

Lebanon County is currently designated as attainment for the 2008 ozone NAAQS. Also, since Lebanon County is located within the Ozone Transport Region, it is treated as moderate nonattainment for emission offset purposes. The current certified 2016 ozone design value for Lebanon County marginally exceeds the 2015 ozone NAAQS. With regard to particulate pollution, Lebanon County is currently designated as moderate nonattainment for the 2012 annual PM_{2.5} NAAQS. As a minor source with post-control emissions below air permit thresholds, the Sunoco West Cornwall facility is not expected to meaningfully affect local or regional compliance with ambient air quality standards.

The following condition will be placed in Section C of the permit, *"The potential fugitive plus stack emissions from this facility, after appropriate control as prescribed in this permit, have been estimated as follows: 0.06 tpy of NO_x, 0.24 tpy of CO, 0.76 tpy of VOCs, 0.01 tpy of Methane and 108 tpy of GHGs. The Department has determined these emissions remaining after*

appropriate control are of minor significance with regard to causing air pollution, and will not prevent or interfere with the attainment or maintenance of an ambient air quality standard.”

On August 3, 2017, via email, Sunoco provided responses to DEP questions about the application. Sunoco's email is attached for reference.

On August 9, 2017, via email, Sunoco updated the Permit Contact Person.

On August 18, 2017, via email, Sunoco provided some additional responses to DEP questions about the application. Sunoco's email is attached for reference.

The following additional changes are being made to the permit:

1. Cover Sheet – updated the responsible official and permit contact person.
2. Section C, Condition 009(b) – replaced “*certified in EPA Method 9*” with “*qualified.*”
3. Section C, Condition 011 – the condition was revised for clarity to read as follows: “*The permittee shall calculate the total emissions of VOCs for the entire facility on a 12-month rolling sum basis.*”
4. Section C, Condition 015(c) – revised the telephone reports to the DEP Reading District Office.

Conclusions and Recommendations

I recommend Permit No. 38-03062 be issued.

Attachments

cc: Permits\Reading District\SC Region 38-03062, B3

Hartline, Darrell

From: Hanlon, Thomas
Sent: Thursday, February 18, 2016 1:53 PM
To: Duke, Alicia
Cc: Hartline, Darrell
Subject: FW: Draft ME RFD Supplemental Aggregation Language
Attachments: 01_HollidaysburgStation(20160215).pdf; 02_MarklesburgStation(20160215).pdf; 03_Mt.UnionStation(20160215).pdf; 04_DoylesburgStation(20160215).pdf; 05_PlainfieldStation(20160215).pdf; 06_MiddletownStation(20160215).pdf; 07_CornwallStation(20160215).pdf; 08_BlainsportStation(20160215).pdf; 09_BeckersvilleStation(20160215).pdf

From: WERNER, JED A [mailto:JAWERNER@sunocologistics.com]
Sent: Tuesday, February 16, 2016 9:25 AM
To: Hanlon, Thomas
Cc: STYLES, MONICA L
Subject: Draft ME RFD Supplemental Aggregation Language

Tom,

Here is the supplemental information for the nine requested pump stations in South Central Region which PADEP has requested supplemental aggregation language to what was already provided in the original RFD applications.

Please call me when you have a chance to review.

Thank you for your time.

Jed A. Werner
Manager - Environmental Compliance and Projects
525 Fritztown Road
Sinking Spring, PA 19608
p-610-670-3297
c-610-858-0802
f-866-599-4936

Insanity is doing the same thing over and over again and expecting different results – Albert Einstein

The purpose of this document is to supply supplemental information regarding the aggregation text for the Sunoco Pipeline L.P. (SPLP) Request for Determination (RFD) submittals to the Pennsylvania Department of Environmental Protection (PADEP) South Central Regional Office (SCRO) associated with the Mariner East (ME) Project (the Project).

SPLP understands that Pennsylvania is considered a "moderate" ozone nonattainment area for oxides of nitrogen (NO_x) and volatile organic compounds (VOCs) because Pennsylvania is a jurisdiction in the Ozone Transport Region (Section 184 of the Clean Air Act). Therefore, an aggregation determination under New Source Review (NSR) would be determined on a case-by-case basis using the two-part test that considers whether the air contamination source or combination of sources are located on one or more contiguous or adjacent properties and whether the sources are owned or operated by the same person under common control. This case-by-case single source determination would apply to all sources irrespective of their separate status as "minor" or "major" air contamination sources. PADEP and the Pennsylvania Environmental Hearing Board have made clear that the terms "contiguous" and "adjacent" should be given their plain meaning. To that end, PADEP's guidance document has developed a "common sense" approach to determine if sources are located on adjacent or contiguous properties and considers sources located within a quarter-mile distance to be considered contiguous or adjacent (PADEP, 2012). Sources greater than a quarter-mile may be considered contiguous or adjacent on a case-by-case basis. Interdependence may be a factor in conducting a single source determination. That said, the plain meaning of the terms "contiguous" and "adjacent," and not interdependence, should be the dispositive factor in determining whether stationary sources are located on contiguous or adjacent properties.

To determine if the under common control test is met, ownership of each of the operations is just one aspect in determining if the facilities are under common control. If a contract for service relationship exists between the two companies and/or if a support/dependency relationship exists, then this would constitute indirect control. United States Environmental Protection Agency (USEPA) has historically interpreted that an evaluation of common control must consider whether the facilities are functionally interrelated or interdependent of each other. As discussed in the Federal Register (USEPA, 2009), USEPA states that "To be 'substantially related,' there should be an apparent interconnection—either technically or economically—between the physical and/or operational changes, or a complementary relationship whereby a change at a plant may exist and operate independently, however its benefit is significantly reduced without the other activity."

DOYLESBURG PUMP STATION

In determining whether the Doyleburg Pump Station's emissions should be aggregated with any another sources for the purpose of evaluating the applicability of the nonattainment NSR and Title V programs, initially one location was identified: the Shade Valley Road/Highway 35 Block Valve. Per the PADEP SCRO's request, SPLP reviewed the area within 5.0 miles of the Doyleburg Pump Station; no additional facilities for aggregation consideration were found during this review.

Shade Valley Road/Highway 35 Block Valve

With this supplemental aggregation discussion, the distance between the Doylesburg Pump Station and the Shade Valley Road/Highway 35 Block Valve is being updated to approximately 7.6 miles rather than the 7.5 miles presented in the Request for Determination (RFD) and referenced in the State Only Operating Permit (SOOP) application. This updated distance is based upon the finalized Process Flow Diagram (PFD) mile markers. The 7.6 mile distance between the Doylesburg Pump Station and the Shade Valley Road/Highway 35 Block Valve exceeds the ¼ mile rule of thumb in the PADEP guidance document (PADEP, 2012) and the 5.0 mile evaluation distance requested by the PADEP SCRO. However, it is being evaluated because it is the closet location to the Doylesburg Pump Station that is owned by SPLP.

Furthermore, aggregation would not be appropriate because the two sites should not otherwise be considered "adjacent" or "contiguous" due to the lack of any interdependence between the Shade Valley Road/Highway 35 Block Valve and the Doylesburg Pump Station. The Shade Valley Road/Highway 35 Block Valve is an independently operated valve for isolating a section of pipeline for safety, environmental, or maintenance purposes, whereas the purpose of the Doylesburg Pump Station is to maintain pipeline system pressure during the transportation of natural gas liquids (NGLs). Neither location is dependent upon the other to properly function. In fact, both locations could fully function even if the other is nonfunctional.

In short, the Doylesburg Pump Station's emissions should not be aggregated with those from the Shade Valley Road/Highway 35 Block Valve because the two locations are not interdependent of each other and are not in close proximity of each other, and therefore are neither "contiguous" nor "adjacent" for the purposes of aggregating air emissions.

REFERENCES:

Pennsylvania Department of Environmental Protection (PADEP), 2012. Guidance for Performing Single Stationary Source Determinations for Oil and Gas Industries. Document No.: 270-0810-006, October 6, 2012.

United States Environmental Protection Agency (USEPA), 2009. Title 40 Code of Federal Regulations Parts 51 and 52, Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NSR): Aggregation and Project Netting. Federal Register Volume 74, No. 10, January 15, 2009, pages 2376-2383.

State-Only Operating Permit (SOOP) Addendum

Mariner East Project

Sunoco Pipeline L.P.

Doylesburg Station

Perry County, PA

September 2016



Sunoco Logistics



TETRA TECH



September 9, 2016

FedEx: 7771 9363 0000

Mr. William Weaver
Program Manager
Pennsylvania Department of Environmental Protection
Bureau of Air Quality
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110

Subject: Addendum

RE: Pending State Only Operating Permit (SOOP) Permit No. 50-03006
Facility ID: 776496
Sunoco Pipeline L.P. (SPLP) Doylesburg Station
Toboyne Township, Perry County, Pennsylvania
Tetra Tech, Inc. Project No. 112IC05958

Dear Mr. Weaver:

SPLP is submitting this Addendum to the subject facility State Only Operating Permit application. Triplicate hardcopies of this letter and the impacted SOOP attachments are enclosed (one original and two copies).

There is no change in the status of Doylesburg Station and the physical operation remains as represented in the April 2014 SOOP Application. This addendum is being submitted because the emissions associated with the Doylesburg Station have been recalculated based on:

- Updated equipment information including flare pilot gas flow rate,
- More detailed information regarding maintenance activities,
- As-built Piping and Instrumentation Diagrams (P&IDs),
- Current equipment specific emission factors, and
- A more conservative flare emission estimate utilizing the manufacturer's guaranteed design destruction and removal efficiency (DRE) of 98%.

As part of the review of existing equipment and potential station modifications, the DRE associated with a 10 million British thermal unit per hour (MMBtu/hr) flare was evaluated. The manufacturer (John Zink) shop testing and a field stack study conducted at a similar SPLP facility on an identical flare demonstrates the capability of the 10 MMBtu/hr to achieve a DRE of 99.99 percent (%) for these size units as presented in Tables 1 and 2, respectively. However, we do not presently have sufficient data or operating history to determine that a 99.99% DRE can be achieved for the operational life of the flare. We do however anticipate that the more conservative 98% DRE that is the manufacturer's minimum rated performance can be achieved and likely exceeded for the operational life of the flare when the manufacturer's recommended maintenance schedule is followed. See John Zink Recommended Maintenance Form for Production Flares (Attachment A).

Furthermore, the potential for changing one or more flares present at this or other aboveground facilities serving the same pipeline system to larger units is being considered. Although the larger units may be capable of achieving a 99.99% DRE or better over the operational life of the flare, SPLP does not have stack study data or historic operational data to support the 99.99% DRE for those flares.

Table 1. John Zink's October 23 through 25, 2013 Stack Emission Study Summary Results

Parameter	Average Result	Data Source
VOC Destruction Efficiency	99.993%	0 – 30 - 0 Load Data
VOC Destruction Efficiency	99.999%	30 - 70 - 30 Load Data
VOC Destruction Efficiency	99.999%	70 - 100 - 70 Load Data
VOC Destruction Efficiency	99.999%	90 - 00 Load Data
John Zink Stack Emissions Study, EPA 40 CFR Part 60 Subpart OOOO for the ZTOF025X15PF Unit. Tulsa R&D Facility. Tulsa, Oklahoma. October 23 through 25, 2013		

Table 2. Sunoco April 26, 2016 Stack Study Summary Results

Parameter	Average Result	Fuel Source
Destruction and Removal Efficiency	99.996%	Propane and Ethane
Blue Mountain Environmental Management Corporation Volatile Organic Compound Destruction and Removal Efficiency Study Test Report. John Zink Flare System. SPLP Twin Oaks Station. Aston, Pennsylvania, Delaware County. April 26, 2016.		

SPLP also evaluated the manufacturer's DRE design guarantee, which was a 98% DRE. Based upon the presently available data SPLP determined that it is appropriate and conservative to utilize the manufacturer's design guarantee DRE of 98%. SPLP also believes that by installing, operating, and maintaining all enclosed flares in accordance with the manufacturer's (John Zink's) guidance, a minimum 98% DRE can be anticipated for the operational life of the enclosed flares. Again, based on our operations and testing, we believe that a DRE in excess of 99% is likely for the life of the unit, but have chosen the more conservative number for our calculations.

Consequently, SPLP has updated the flare emission estimate to reflect the design DRE of 98% for Plainfield enclosed flare and plans to incorporate the design based DRE in future submittals. This change in DRE results in a very minor increase in the emissions calculations.

SPLP is replacing the following SOOP attachments with the enclosures of this letter as described in the bulleted list below. Modifications to the following only include those items impacted by this update.

- A revised State-Only Permit Application Form is enclosed and the following sections have been modified:
 - Section 1.1 – Application Type
 - Section 2.1 – Potential Emission Estimates for the Site
 - Section 3 – Site Inventory
 - Section 7 – General Source Information Subsections 7.1, 7.2, and 7.4
 - Section 8 – Control Device Information Subsections 8.1 and 8.2
- A revised Appendix B, Attachment 1 – Emission Calculations is enclosed.
 - Note that the worst-case emission rate per pollutant per product was utilized. The updated emission rates were estimated based on applying the physical properties of the products (i.e., heating value, gas density, etc.) that would result in the highest potential-to-emit estimates.
 - Additionally, note that fugitive pump seal emissions are included in overall facility fugitive emissions and are not considered a separate line item.
- A revised Appendix B, Attachment 2 – Aggregation Language is enclosed.

Additionally, per PADEP SCRO's request, SPLP has reviewed SOOP SECTION E language in regards to the current monitoring system for the pilot flame and other Pennsylvania SPLP SOOP SECTION E language. The current SPLP flare monitoring systems consist of a signal from the pilot flame detection device that is transmitted to the Supervisory Control and Data Acquisition (SCADA) system. In the event of a pilot flame malfunction, the flare auto re-ignition will be initiated. Although pilot flame failure information is manually logged, it is not collected in the SCADA system historian. Therefore, for consistency with the

Addendum for SPLP Doyleburg Station
Mr. William Weaver, PADEP SCRO

September 9, 2016

PADEP SCRO issued SOOPs for Marklesburg, Hollidaysburg, and Plainfield Stations and to reflect the current system operations, SPLP is suggesting the following language for SECTION E. Source Groups Restrictions. IV. RECORDKEEPING REQUIREMENTS:

#004 [25 Pa. Code §127.441]: "When the enclosed flare is not operational, the permittee shall record the downtime and associated emissions."

#005 [25 Pa. Code §127.441]: "The permittee shall maintain detailed records of all maintenance performed on the enclosed flare. The permittee shall retain these records for a minimum of five (5) years and shall make them available to the department upon its request."

Please contact Jed Werner at 610-670-3297 or by email (jawerner@sunocologistics.com) if you have any questions.

Sincerely,



Matthew L. Gordon
Principal Engineer

MLG:JAW:vjp

cc: Project file 112IC05958 (electronic)
Jed Werner, SPLP (email)
Christopher Embry, SPLP (email)
Megan Allison, Tetra Tech (email)

Enclosures/Attachment: SOOP Addendum for SPLP Doyleburg Station

Form 2700-PM-AQ13

Section 1.1 – Application Type
Section 2.1 – Potential Emission Estimates for the Site
Section 3 – Site Inventory
Section 7 – General Source Information Subsections 7.1, 7.2, and 7.4
Section 8 – Control Device Information Subsections 8.1 and 8.2

Appendix B:

Attachment 1 (Potential-to-Emit Calculations)
Attachment 2 (Aggregation Analysis)

Attachment A:

John Zink's Recommended Maintenance Form for Production Flare

**RECOMMENDED MAINTENANCE FORM
PRODUCTION FLARE**

SYSTEM COMPONENT	INTERVAL	DATE	INITIALS	COMMENTS
General				
Confirm all covers are secure.	monthly			
Inspect enclosures for moisture.	monthly			
Confirm no gas or liquid leaks exist.	monthly			
Confirm all threaded connections are tight.	annually			
Replace all thermocouples.	annually			
Calibrate instruments and flow meter.	annually			
Flare				
Record flame arrester differential pressure.	monthly			
Inspect exterior paint.	monthly			
Conduct recommended System Testing.	quarterly			
Inspect internal insulation.	quarterly			
Inspect foundation and anchor bolts.	annually			
Clean sight port, flare tip, and flame arrester.	annually			
Conduct emissions performance test.	annually			
Pilot				
Record pilot gas pressure.	monthly			
Inspect mixer for debris or moisture.	monthly			
Clean mixer and orifice.	quarterly			
Clean solenoid.	annually			
Replace electrode.	annually			

State Only Permit Application Form



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY

**STATE-ONLY
PERMIT APPLICATION**

FOR OFFICIAL USE ONLY

State-Only OP Number: _____

Reviewed by: _____

Date: _____

Comments: _____

Section 1 - General Information

1.1 Application Type

Type of permit for which application is made: (Check one)

Initial

Renewal Operating Permit No. _____

Application Revision

1.2 Plant Information

Federal Tax ID: 23-3102656 Firm Name: Sunoco Pipeline L.P.

Plant Code: _____ Plant Name: Doylesburg Station

NAICS Code: 493190 SIC Code: 4619

Description of NAICS Code: All Other Pipeline Transportation

Description of SIC Code: Pipelines, Not Elsewhere Classified

County: Perry Municipality: Toboyne Township

Latitude: 40.286412 Longitude: -77.614283

Horizontal Reference Datum: NAD 1983 Horizontal Collection Method: NTDEP Reference Point: CNTAR

1.3 Contact Information

Name: Matt Gordon Title: Project Manager

Address: 525 Fritztown Road
Sinking Spring, PA 19608

Telephone Number: (610) 670-3284

Email Address: mlgordon@sunocologistics.com

1.4 Certification of Truth, Accuracy and Completeness

Note: This certification must be signed by a responsible official. Applications without a signed certification will be returned as incomplete.

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete.

(Signed)  Date: 9/8/16

Name (Typed): Matt Gordon Title: Project Manager Principal Engineer

Please read instructions carefully before completing this application.

Section 2 - Site Information

2.1 Potential Emission Estimates for the Site

Provide the estimated potential emission for the site BEFORE and AFTER utilizing the proposed restriction(s) and/or limitation(s).

Pollutant or CAS No.	Potential Emission BEFORE taking Limitations (TPY)	Potential Emission AFTER taking Limitations (TPY)
CO ₂ e	0	107.60
CO ₂	0	107.00
N ₂ O	0	<0.01
CH ₄	0	0.01
CO	0	0.24
Total VOCs	24.45	0.74
NO _x	0	0.06
Total HAPs	0	<0.01
SO _x	0	<0.01

* Provide all supporting calculation methods as an attachment at the end of this application.

2.2 Facility Type

Is this facility a Synthetic Minor Facility? Yes No

If yes, go to Section 2.3, "Synthetic Minor Facility".

If no, go to Section 3, "Site Inventory".

IMPORTANT: Note that all Synthetic Minor Facilities must be able to meet the proposed restriction(s) and/or limitation(s) immediately upon the submission of this application. By signing the Certification of Compliance in Section 13 of this application, the facility for which a Synthetic Minor Status is proposed will be deemed a Synthetic Minor Facility according to the restriction(s) and/or limitation(s) proposed upon receipt of the application by the Department, unless the Department determines that the facility is unable to meet the Synthetic Minor requirements at a later date.

Please read instructions carefully before completing this application.

2.3 Synthetic Minor Facility Information (to be completed by all facilities seeking Synthetic Minor Status)

Synthetic Minor Status for this facility can be taken at the: Source Level AND/OR Site Level

If limitation(s) and/or restriction(s) can be taken at the site level (for all sources within this facility), complete the following questions, otherwise please go on to Section 3, "Site Inventory".

Synthetic Minor Status for the Entire Site is achievable through the following restrictions: (Please check all that apply and describe in detail what is/are proposed):

<input type="checkbox"/>	Hours of Operation	
<input type="checkbox"/>	Production/Throughput Rate	
<input type="checkbox"/>	Type of Fuel	
<input type="checkbox"/>	Fuel Usage	
<input type="checkbox"/>	Control Devices	
<input type="checkbox"/>	Emissions Limitations	
<input type="checkbox"/>	Other	

Describe how the elected restriction(s) will allow the facility to become a Synthetic Minor

Note: If Section 2.3 is completed and there are no additional restrictions proposed at the source level, the applicant can omit Subsections 5, 6, and 7 in Sections 5, 6, and 7 for all sources in this permit application.

Please read instructions carefully before completing this application.

Section 4 - Source Group (Optional)

4.1 Source Group Definition

This section applies to new State-Only Operating Permit applications only.

Define groups of source(s) that are subject to one or more applicable requirements that apply to all source(s) in the group.

Group No.	Source ID (for source(s) in this group)

4.2 Applicable Requirements for Source Groups

For renewals, only list group level requirements not included in the current State-Only Operating Permit. If there are no changes, check the box to the right.

No changes from current State-Only Operating Permit.

Describe and cite all applicable requirements pertaining to all source groups.

Note: A Method of Compliance Worksheet (Addendum 1) must be completed for each requirement listed.

Group Number	Citation Number	Citation Limitation	Limitation Used

Please read instructions carefully before completing this application.

Section 5 - Combustion Operational Inventory

(Complete this section for each combustion source in this site. Duplicate this section as needed).

For renewals, review and correct any pre-printed information and add additional sections for any new combustion unit listed in Section 3 of this application.

5.1 General Source Information

- a. Unit ID No.: _____ b. Company Designation: _____
- c. Plan Approval or Operating Permit Number: _____
- d. Manufacturer: _____ e. Model Number: _____
- f. Source Description: _____
- g. Rated Heat Input/Thruput: _____ h. Installation Date: _____
- i. Exhaust Temperature: _____ Units: _____ j. Exhaust % Moisture: _____ k. Exhaust Flow Volume: _____ SCFM

5.2 Exhaust System Components

Explain how the exhaust components are configured:

From Unit	Unit Description	To Unit	Unit Description	Percent Flow

5.3 Source Classification Code (SCC) Listing for Standard Operation

Fuel/Material	Associated SCC	Max Throughput Rate	Firing Sequence

Please read instructions carefully before completing this application.

5.4 Maximum Fuel Physical Characteristics

If taking limitations on Fuel Physical Characteristics, see instructions.

SCC/Fuel Burned	FML*	% Sulfur	% Ash	BTU Content (Units)

*FML = Fuel Material Location

5.5 Limitations on Source Operation (optional)

Maximum amount of hours of source operation per year: _____

<input type="checkbox"/>	Hours of Operation	
<input type="checkbox"/>	Production Throughput Rate	
<input type="checkbox"/>	Type of Fuel	
<input type="checkbox"/>	Fuel Usage	
<input type="checkbox"/>	Control Devices	
<input type="checkbox"/>	Emissions Limitations	
<input type="checkbox"/>	Other	

Describe how the elected restriction(s) will allow the facility to become a Synthetic Minor?

Please read instructions carefully before completing this application.

5.6 Compliance Method for this source (for Synthetic Minor Sources only)

Complete this section only if limitation(s) and/or restriction(s) were proposed in Section 5.5.

a. Explain how you would demonstrate compliance with the restriction(s) and/or limitation(s):

b. Describe what is to be reported in the compliance report:

c. Reporting start date: _____

d. Indicate the frequency for submitting compliance report as explained above: _____

5.7 Source Potential to Emit (for Synthetic Minor Sources only)

Give Potential Emission estimate for all air pollutants emitted at this source. Calculations for the Potential Emissions Estimate here should have included the restriction(s) and/or proposed in Section 5.5, if applicable.

Pollutant or CAS Number	Fuel/SCC	Emissions/Activity Allowable per Unit	Calc. Method	Max. Capacity	Total Hours	Emission in TPY

5.8 Source Applicable Requirements

Describe and cite all applicable requirements pertaining to this source.

Note: A Method of Compliance Worksheet (Addendum 1) must be completed for each requirement listed.

For renewals, only list group level requirements not included in the current State Only Operating Permit. If there are no changes, check the box to the right.

No changes from current State Only Operating Permit.

Fuel/SCC	Citation Number	Citation Limitation	Limitation Used

Please read instructions carefully before completing this application.

Section 6 - Incinerator Operational Inventory

(Complete this section for each incinerator at this site. Duplicate this section as needed).
 For renewals, review and correct any pre-printed information and add additional sections for any new incinerator listed in Section 3 of this application.

6.1 General Source Information

a. Unit ID: _____ b. Company Designation: _____

c. Plan Approval or Operating Permit Number: _____

d. Manufacturer: _____ e. Model Number: _____

f. Source Description: _____

g. Rated Heat Input/Thruput: _____ h. Installation Date: _____

i. Exhaust Temperature: _____ Units: _____ j. Exhaust % Moisture: _____ k. Exhaust Flow Volume: _____ SCFM

l. Inc. Capacity: _____ Lbs/Hr m. Primary Burner Heat Input: _____ Units: _____

n. Exhaust % CO₂: _____ o. Secondary Burner Heat Input: _____ Units: _____

p. Incinerator Class: _____

q. Waste Type: _____ r. Waste BTU/lb: _____

6.2 Exhaust System Components

Explain how the exhaust components are configured:

From Unit	Unit Description	To Unit	Unit Description	Percent Flow

Please read instructions carefully before completing this application.

6.3 Source Classification Code (SCC) Listing for Standard Operation			
Fuel/Material	Associated SCC	Max. Throughput Rate	Firing Sequence

6.4 Maximum Fuel Physical Characteristics				
If taking limitations on Fuel Physical Characteristics, see instructions.				
SCC/Fuel Burned	FML*	% Sulfur	% Ash	BTU Content (Units)

*FML = Fuel Material Location

6.5 Limitations on Source Operation (optional) (for Synthetic Minor Sources only)	
Maximum amount of hours of source operation per year: _____	
<input type="checkbox"/>	Hours of Operation
<input type="checkbox"/>	Production Throughput Rate
<input type="checkbox"/>	Type of Fuel
<input type="checkbox"/>	Fuel Usage
<input type="checkbox"/>	Control Devices
<input type="checkbox"/>	Emissions Limitations
<input type="checkbox"/>	Other

Describe how the elected restriction(s) will allow the facility to become a Synthetic Minor?

Please read instructions carefully before completing this application.

6.6 Compliance Method for this source (for Synthetic Minor Sources only)
Complete this section only if limitation(s) and/or restriction(s) were proposed in Section 6.5.

a. Explain how you would demonstrate compliance with the restriction(s) and/or limitation(s):

b. Describe what is to be reported in the compliance report:

c. Reporting start date: _____

d. Indicate the frequency for submitting compliance report as explained above: _____

6.7 Source Potential to Emit (for Synthetic Minor Sources only)
 Give Potential Emission estimate for all air pollutants emitted at this source. Calculations for the Potential Emissions Estimate here should have included the restriction(s) and/or limitation(s) proposed in Section 6.5, if applicable.

Pollutant or CAS Number	Fuel/SCC	Emissions/Activity Allowable per Unit	Calc. Method	Max. Capacity	Total Hours	Emission in TPY

6.8 Source Applicable Requirements
 Describe and cite all applicable requirements pertaining to this source.
 Note: A Method of Compliance Worksheet (Addendum 1) must be completed for each requirement listed.
 For renewals, only list group level requirements not included in the current State Only Operating Permit. If there are no changes, check the box to the right. No changes from current State Only Operating Permit.

Fuel/SCC	Citation Number	Citation Limitation	Limitation Used

Please read instructions carefully before completing this application.

Section 7 – Process Operational Inventory

(Complete this section for each process at this site. Duplicate this section as needed).
 For renewals, review and correct any pre-printed information and add additional sections for any new incinerator listed in Section 3 of this application.

7.1 General Source Information

a. Unit ID: 101 b. Company Designation: John Zink - Enclosed Flare

c. Plan Approval or Operating Permit Number: S101

d. Manufacturer: John Zink Company LLC e. Model Number: ZTOF04X30PF

f. Source Description: Enclosed Flare

g. Rated Heat Input/Thruput: 10,000.000 BTU/Hour - Max h. Installation Date: TBD - Tenative August 2014

i. Exhaust Temperature: 1,660 Units: °F j. Exhaust % Moisture: 6.1 k. Exhaust Flow Volume: 4,848 SCFM

7.2 Exhaust System Components

Explain how the exhaust components are configured:

From Unit	Unit Description	To Unit	Unit Description	Percent Flow
101	Standard Operation Scenario	CD101	John Zink - Enclosed Flare	
102	Fugitive Emissions	atmosphere		
103	Maintenance Operating Scenario	CD101	John Zink - Enclosed Flare	

7.3 Source Classification Code (SCC) Listing for Standard Operation

Fuel/Material	Associated SCC	Max. Throughput Rate	Firing Sequence

Please read instructions carefully before completing this application.

7.4 Maximum Fuel Physical Characteristics

If taking limitations on Fuel Physical Characteristics, see instructions.

SCC/Fuel Burned	FML*	% Sulfur	% Ash	BTU Content (Units)

*FML = Fuel Material Location

7.5 Limitations on Source Operation (optional) (for Synthetic Minor Sources only)

Maximum amount of hours of source operation per year: _____

<input type="checkbox"/>	Hours of Operation	
<input type="checkbox"/>	Production Throughput Rate	
<input type="checkbox"/>	Type of Fuel	
<input type="checkbox"/>	Fuel Usage	
<input type="checkbox"/>	Control Devices	
<input type="checkbox"/>	Emissions Limitations	
<input type="checkbox"/>	Other	

Describe how the elected restriction(s) will allow the facility to become a Synthetic Minor?

Please read instructions carefully before completing this application.

7.6 Compliance Method for this source (for Synthetic Minor Sources only)

Complete this section only if limitation(s) and/or restriction(s) were proposed in Section 7.6.

a. Explain how you would demonstrate compliance with the restriction(s) and/or limitation(s):

b. Describe what is to be reported in the compliance report:

c. Reporting start date: _____

d. Indicate the frequency for submitting compliance report as explained above: _____

7.7 Source Potential to Emit (for Synthetic Minor Sources only)

Give Potential Emission estimate for all air pollutants emitted at this source. Calculations for the Potential Emissions Estimate here should have included the restriction(s) and/or limitation(s) proposed in Section 7.5, if applicable.

Pollutant or CAS Number	Fuel/SCC	Emissions/Activity Allowable per Unit	Calc. Method	Max. Capacity	Total Hours	Emission in TPY

7.8 Source Applicable Requirements

Describe and cite all applicable requirements pertaining to this source.

Note: A Method of Compliance Worksheet (Addendum 1) must be completed for each requirement listed.

For renewals, only list group level requirements not included in the current State Only Operating Permit. If there are no changes, check the box to the right.

No changes from current State Only Operating Permit.

Fuel/SCC	Citation Number	Citation Limitation	Limitation Used

Please read instructions carefully before completing this application.

Section 8 – Control Device Information (duplicate this section as needed)

For renewals, review and correct any pre-printed information and add additional sections for any new control device listed in Section 3 of this application.

8.1 General Control Device Information

a. Unit ID: CD101 b. Company Designation: John Zink Company - Enclosed Flare

c. Used by Sources: Mariner East Pipeline

d. Type: Enclosed Flare

e. Pressure Drop in H₂O: ~ 10 psig at max flow rate f. Capture Efficiency: 98.0

g. Scrubber Flow Rate (GPM): Not Applicable

h. Manufacturer: John Zink Company LLC i. Model Number: ZTOF04X30PF

j. Installation Date: TBD - Tentatively August 2014

8.2 Control Device Efficiencies for this Control Device:

Pollutant Name	CAS Number	Estimated Control Efficiency	Basis for Efficiency Estimate
Natural Gas Liquids (NGLs)	64741-48-6	98.0	Performance criteria of the Emission Control Device was assessed as provided by the manufacturer data

Please read instructions carefully before completing this application.

Section 9 – Stack/Flue Information (duplicate this section as needed)

For renewals, review and correct any pre-printed information and add additional sections for any new stack/flue listed in Section 3 of this application.

9.1 General Stack/Vent Information

a. Unit ID: S101 b. Company Designation: John Zink Company LLC Enclosed Flare

c. Discharge Type: Enclosed Flare

d. Diameter (ft): 4 Height (ft): 30 Base Elevation (ft): 4

e. Exhaust Temperature: 1,660 F Exhaust % Moisture: 6.1 Exhaust Velocity: 27.3 ft/sec

f. Exhaust Volume: 20,583 ACFM Exhaust Volume: 4,848 SCFM

g. Distance to Nearest Property Line (ft): ~ 181 feet

h. Weather Cap?: Yes No

i. Used by Sources:

j. Latitude: 40.286412 Longitude: -77.614283
 Horizontal Reference Datum: NAD 1983 Horizontal Collection Method: NTDEP Reference Point: CNTAR

a. Unit ID: _____ b. Company Designation: _____

c. Discharge Type: _____

d. Diameter (ft): _____ Height (ft): _____ Base Elevation (ft): _____

e. Exhaust Temperature: _____ Exhaust % Moisture: _____ Exhaust Velocity: _____

f. Exhaust Volume: _____ ACFM Exhaust Volume: _____ SCFM

g. Distance to Nearest Property Line (ft): _____

h. Weather Cap?: Yes No

i. Used by Sources: _____

j. Latitude: _____ Longitude: _____
 Horizontal Reference Datum: _____ Horizontal Collection Method: _____ Reference Point: _____

Please read instructions carefully before completing this application.

Section 10 – Fuel Material Location (FML) Information (Optional)

For renewals, review and correct any pre-printed information and add additional sections for any new FML listed in Section 3 of this application.

10.1 Fuel Material Location Information

a. FML ID Number: _____ b. Name: _____

c. Capacity: _____ Units: _____ d. Fuel: _____

e. Maximum Fuel Characteristics: If fuel is coal, what is the moisture content? _____

% Ash: _____ % Sulfur: _____ BTU Content: _____ Units: _____

f. Used by Source: _____

a. FML ID Number: _____ b. Name: _____

c. Capacity: _____ Units: _____ d. Fuel: _____

e. Maximum Fuel Characteristics: If fuel is coal, what is the moisture content? _____

% Ash: _____ % Sulfur: _____ BTU Content: _____ Units: _____

f. Used by Source: _____

a. FML ID Number: _____ b. Name: _____

c. Capacity: _____ Units: _____ d. Fuel: _____

e. Maximum Fuel Characteristics: If fuel is coal, what is the moisture content? _____

% Ash: _____ % Sulfur: _____ BTU Content: _____ Units: _____

f. Used by Source: _____

Please read instructions carefully before completing this application.

Section 11 – Alternative Operating Scenario (optional)

(Duplicate this section for each source participated in this alternative scenarios)

11.1 General Information

- a. Alternative Operating Scenario Name or ID No.: _____
- b. Source ID No.: _____ c. Source Name: _____
- d. Source Type (check one): Combustion Incinerator Process
- e. Give a brief description of this alternative scenario stating how it is different from the standard operation:

11.2 Operational Flexibility Request

Check all that apply.

- Alternative exhaust system component configuration.
If this box is checked, complete Sections 11.3 and 11.7
- Alternative type of fuel replacing or in addition to an existing fuel in standard operation.
If this box is checked, complete Sections 11.4 and/or 11.5 and 11.7
- Alternative process method replacing or in addition to a process SCC existing in standard operation.
If this box is checked, complete Sections 11.6 and 11.7
- Alternative lower limitations.

11.3 Exhaust System Components

Specify the complete exhaust system component configuration for this alternative operating scenario.

From Component Type	From Component Number	To Component Type	To Component Number	Percent Flow	Begin Date	End Date

Please read instructions carefully before completing this application.

11.4 Source Classification Code (SCC) Listing for Alternative Operation

Give a complete listing of all fuels burned, products produced by a process or waste incinerated for this alternative operating scenario.

Fuel	Associated SCC	Max. Throughput Rate	Firing Sequence

11.5 Alternative Fuel Physical Characteristics

Give a complete listing of all fuels physical characteristics for this alternative operating scenario.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)

11.6 Alternative Process/Product Description

a. Briefly describe the change(s) in raw materials and/or process methods used in this operating scenario, if applicable:

b. Provide and briefly describe the process SCC associated with this alternative operating scenario:

Process SCC:		SCC Description:	
c. Alternative Product(s):			

Please read instructions carefully before completing this application.

Section 12 – Compliance Plan for the Facility

- | | | | |
|------|--|-------------------------------------|--------------------------|
| | | Yes | No |
| 12.1 | Will your facility be in compliance with all applicable requirements at the time of permit issuance and continue to comply with these requirements during the permit duration? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 12.2 | Will your facility be in compliance with all applicable requirements presently scheduled to take effect during the term of the permit? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 12.3 | Will these requirements be met by the regulatory required dates? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

If you checked "NO" in part 12.1, 12.2 or 12.3, answer the following questions:

12.4 Identify applicable requirement(s) for which compliance is not or will not be achieved:

Source ID Number	Citation Number

12.4.1 Briefly describe how compliance with this/these applicable requirement(s) will be achieved:

Please read instructions carefully before completing this application.

Section 13 – Certification of Compliance for Synthetic Minor Source

In order for this Synthetic Minor facility to avoid the State-Only Operating Permit requirements, the applicant must agree to be bound by the emissions limitation(s) and/or restriction(s) contained in this application. In addition, the applicant must agree that these emission limitation(s) are enforceable by the Department, the Environmental Protection Agency and the citizens.

13.1 Schedule for Compliance Certification Submission

- a. Frequency of submittal: _____
- b. Beginning date: _____

13.2 Certification of Compliance (for Synthetic Minor Facility only)

I certify under the penalty of 18 Pa. CS 4904 (b) (2) that the sources covered by this application will comply with the emission limitations and other requirements contained in this application and all previously issued plan approvals and operating permits. I further certify that, based on information and belief formed after reasonable inquiry, the statements and information in this application are true, accurate, and complete.

(Signed) _____ Date _____

Name (Typed) _____

Title: _____

Appendix B, Attachment 1: Emission Calculations

CALCULATION SHEET

CLIENT: Sunoco Pipeline L.P. (SPLP)		JOB NUMBER: 112IC05958.20	
SUBJECT: Doylesburg Station -- Existing Equipment Overall Project Summary Table			
BASED ON: Emission Calculation Workbooks		DRAWING NUMBER: Not Applicable	
BY: VJPlachy	CHECKED BY: AMO'Bradovich	DATE:	8/30/2016

Objective: Summarize the controlled maximum hourly and annual emission rates.

1. **PRE-CONTROL EMISSION ESTIMATES***

Emissions Source	Pre-Control Maximum Hourly Emission Rate [pounds per hour (lb/hr)]									
	NO _x	CO	VOC	PM/PM _{10f} / PM _{2.5}	SO _x	HAPs	CO ₂	CH ₄	N ₂ O	CO ₂ e
Control Device (Flare):	0.004	0.02	608.62	N/C	0.0002	0.00004	7.67	0.001	0.0001	7.70
Fugitives:	N/C	N/C	0.03	N/C	N/C	N/C	N/C	N/C	N/C	N/C
TOTAL MAXIMUM HOURLY:	<0.01	0.02	608.65	N/C	<0.01	<0.01	7.67	<0.01	<0.01	7.70

Emissions Source	Pre-Control Annual Average Emission Rate [tons per year (tpy)]									
	NO _x	CO	VOC	PM/PM _{10f} / PM _{2.5}	SO _x	HAPs	CO ₂	CH ₄	N ₂ O	CO ₂ e
Control Device (Flare):	0.02	0.08	24.33	N/C	0.001	0.0002	33.60	0.002	0.0002	33.70
Fugitives:	N/C	N/C	0.12	N/C	N/C	N/C	N/C	N/C	N/C	N/C
TOTAL ANNUAL AVERAGE:	0.02	0.08	24.45	N/C	<0.01	<0.01	33.60	<0.01	<0.01	33.70

2. **POST-CONTROL EMISSION ESTIMATES**

Emission Source	Post-Controlled Maximum Hourly Emission Rate (lb/hr)									
	NO _x	CO	VOC	PM/PM _{10f} / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
Control Device (Flare):	0.88	4.02	12.22	N/C	0.04	0.00004	1,852	0.13	0.01	1,862
Fugitives:	N/C	N/C	0.03	N/C	N/C	N/C	N/C	N/C	N/C	N/C
TOTAL MAXIMUM HOURLY:	0.88	4.02	12.25	N/C	0.04	<0.01	1,852	0.13	0.01	1,862

Emission Source	Post-Controlled Annual Average Emission Rate (tpy)									
	NO _x	CO	VOC	PM/PM _{10f} / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
Control Device (Flare):	0.06	0.24	0.62	N/C	0.002	0.0002	107.00	0.01	0.001	107.60
Fugitives:	N/C	N/C	0.12	N/C	N/C	N/C	N/C	N/C	N/C	N/C
TOTAL ANNUAL AVERAGE:	0.06	0.24	0.74	N/C	<0.01	<0.01	107.00	0.01	<0.01	107.60

NOTE:

The emission estimate workbooks employ the "precision as displayed" option in Excel®; therefore, only the displayed significant figure are applied in the calculations. The minor impacts may occurred to emission estimates by utilizing this Excel® function/option.

*The Pre-Control Emission Estimates assume that the pilot gas is continuously supplied and combusted.

Terminology/Acronyms

- CH₄ = methane
- CO = carbon monoxide
- CO₂e = carbon dioxide equivalent
- HAP = hazardous air pollutant
- N/C = Not Calculated because it is not a pollutant associated with the source
- N₂O = nitrogen dioxide
- NO_x = oxides of nitrogen
- PM = particulate matter
- PM_{2.5} = particles with an aerodynamic diameter less than or equal to 2.5 micrometers
- PM₁₀ = particles with an aerodynamic diameter less than or equal to 10 micrometers
- SO_x = oxides of sulfur
- VOC = volatile organic compound

CALCULATION SHEET

CLIENT: Sunoco Pipeline L.P. (SPLP)				JOB NUMBER: 112IC05958.20			
SUBJECT: Doylesburg Station -- Existing Equipment Flare Summary Table							
BASED ON: Emission Calculation Workbooks				DRAWING NUMBER: Not Applicable			
BY: VJPlachy		CHECKED BY: AMO'Bradovich		DATE:		8/10/2016	

Objective: Present the Maximum Short Term and Annual Emission Rates for the Updated emission estimates.

PRE-CONTROL EMISSION ESTIMATES*

Emission Scenario	Pre-Controlled Maximum Hourly Emission Rate (lb/hr)									
	NO _x	CO	VOC	PM/PM _{10f} / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO _{2e}
Standard Operating Scenario	3.76E-03	1.72E-02	4.62E+00	N/C	1.53E-04	4.16E-05	7.67E+00	5.54E-04	5.54E-05	7.70E+00
Maintenance Operations Scenario	N/C	N/C	6.04E+02	N/C	N/C	N/C	N/C	N/C	N/C	N/C
TOTAL MAXIMUM HOURLY:	0.004	0.02	608.62	N/C	0.0002	0.00004	7.67	0.001	0.0001	7.70

Emission Scenario	Pre-Controlled Annual Emission Rate (tpy)									
	NO _x	CO	VOC	PM/PM _{10f} / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO _{2e}
Standard Operating Scenario	1.65E-02	7.53E-02	2.02E+01	N/C	6.70E-04	1.82E-04	3.36E+01	2.43E-03	2.43E-04	3.37E+01
Maintenance Operations Scenario	N/C	N/C	4.13E+00	N/C	N/C	N/C	N/C	N/C	N/C	N/C
TOTAL ANNUAL AVERAGE:	0.02	0.08	24.33	N/C	0.001	0.0002	33.60	0.002	0.0002	33.70

POST-CONTROL EMISSION ESTIMATES

Emission Scenario	Post-Controlled Maximum Hourly Emission Rate (lb/hr)									
	NO _x	CO	VOC	PM/PM _{10f} / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO _{2e}
Standard Operating Scenario	1.04E-02	4.74E-02	1.24E-01	N/C	4.28E-04	4.16E-05	2.16E+01	1.53E-03	1.53E-04	2.17E+01
Maintenance Operations Scenario	8.70E-01	3.97E+00	1.21E+01	N/C	4.00E-02	N/C	1.83E+03	1.30E-01	1.00E-02	1.84E+03
TOTAL MAXIMUM HOURLY:	0.88	4.02	12.22	N/C	0.04	0.00004	1,852	0.13	0.01	1,862

Emission Scenario	Post-Controlled Annual Emission Rate (tpy)									
	NO _x	CO	VOC	PM/PM _{10f} / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO _{2e}
Standard Operating Scenario	4.55E-02	2.07E-01	5.41E-01	N/C	1.87E-03	1.82E-04	9.45E+01	6.69E-03	6.69E-04	9.50E+01
Maintenance Operations Scenario	1.00E-02	3.00E-02	8.00E-02	N/C	2.00E-04	N/C	1.25E+01	1.00E-03	1.00E-04	1.26E+01
TOTAL ANNUAL AVERAGE:	0.06	0.24	0.62	N/C	0.002	0.0002	107.00	0.01	0.001	107.60

NOTES:

*The Pre-Control Emission Estimates assume that the pilot gas is continuously supplied and combusted.

N/C = not calculated

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Enclosed Flare Emission Calculations: Standard Operating Scenario Emission Sources			
BASED ON SPLP Equipment Data / Specifications		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/10/2016

Objective: Develop example calculations: Maximum Hourly, Maximum Daily, and Annual Average Emission Rates for the proposed Standard Operating Scenario Emission Streams.

Inputs and Assumptions:

- Potential stream products to the enclosed flare consistent of butane, propane, and/or ethane.
- Sources of standard operating scenario emission sources to the enclosed flare that were evaluated included: chromatographs (GC), relief valves (RV), and booster, injection, and feed pump seals (Pump).
- Maintenance intermittent emission sources to the enclosed flare that were evaluated include: gas releases from filter cleaning, prover maintenance, pigging events, and miscellaneous maintenance activities. Maintenance activity emission estimates will be presented in another calculation sheet.
- Stream physical properties that result in the highest potential emission rates have been used.
- Hourly flow to flare from Standard Operating Scenario Emission Streams:

RV ($FR_{RV-scf/hr}$): 0.00 scf/hr → 0 scf/yr No RVs to flare for this station

GC ($FR_{GC-scf/hr}$): 0.00 scf/hr → 0 scf/yr No GCs to flare for this station.

Booster Pumps ($FR_{BostPmp-scf/hr}$) 30.00 scf/hr → 262,800 scf/yr

Injection Pumps ($FR_{InjPmp-scf/hr}$) 0.00 scf/hr → 0 scf/yr No Injection Pump Seals to flare for this station.

Feed Pumps ($FR_{FeedPmp-scf/hr}$) 0.00 scf/hr → 0 scf/yr No Feed Pump Seals to flare for this station.

Pump ($FR_{total-scf/hr}$): 30.00 scf/hr → 262,800 scf/yr

- Because the enclosed flare is considered to be 100% smokeless, particulate matter (PM) emissions are assumed to be negligible.
- The flare's destruction and removal efficiency (DRE) for VOCs and HAPs only: 98 percent (%)
The flare does not reduce/control NO_x , CO, SO_x , CO , CH_4 , N_2O , or CO_2e emissions, that is, pre-control emissions equal post-control emissions.
- Flare Emission Factors (EFs)

NO _x	CO	VOC	PM/PM ₁₀ /PM _{2.5}	SO _x	HAPs	CO ₂		CH ₄	N ₂ O
						butane	propane		
(lb/MMBtu)			(ppmw)			(kg/MMBtu)			
0.068	0.310	0.570	0	30	TBD	64.77	62.87	0.003	0.0006

AND ABBREVIATIONS / ACRONYMS "Standard Inputs" WORKSHEET TAB.

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Enclosed Flare Emission Calculations: Standard Operating Scenario Emission Sources			
BASED ON SPLP Equipment Data / Specifications		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/10/2016

Inputs and Assumptions (Continued):

9. Oxides of Sulfur (SO_x) emissions are:

Based on the sulfur content of the stream.

Assume SO_x as SO₂.

Assumes that all the all fuel sulfur converts to SO₂.

10. CO₂e Global Warming Potential EFs (EF_{GWP})

CO ₂	CH ₄	N ₂ O
1	25	298

CO₂e emission estimates use the following carbon equivalence factors: 25 for CH₄, and 298 for N₂O from 40 CFR Part 98, Subpart A, Table A-1.

- 11. Maximum emission stream flow rates are achieved when assuming a stream composition of 100 weight percent (wt%) butane.
- 12. HAPs are generated from propane burned as pilot gas and are contained in the LPG stream.
- 13. LPG HAP content (HAPs_{wt%}): 0 wt%
- 14. Operating service factor (OSF), that is, percent of the year the unit is operating: 100 %

Calculations:

STANDARD OPERATING SCENARIO EMISSION SOURCES

1. Calculate the SO_x Emission Factor (EF) in pounds per standard cubic feet (lb/scf) for butane.

$$EF_{SO_x(lb/scf)} = [(mole\ of\ the\ gas\ stream)] * [(concentration\ of\ sulfur\ in\ gas\ stream)] * [(molar\ ratio\ of\ SO_2\ to\ S)]$$

$$= [(lb\ of\ gas\ stream) * (MW\ gas\ stream)] * [(concentration\ of\ sulfur\ in\ gas\ stream)] * [(molar\ ratio\ of\ SO_2\ to\ S)]$$

$$= [(volume\ of\ gas\ stream\ as\ butane) * (MW\ butane)] * [(concentration\ of\ sulfur\ ppmw) / (CF_{ppmw-wt\%}) / (CF_{wt\%-DecEq})] * [(MW\ SO_2) / (MW\ S)]$$

$$= [(CF_{lb-mol-scf}) * (MW_{butane})] * [(SO_2-ppmw) / (CF_{ppmw-wt\%}) / (CF_{wt\%-DecEq})] * [(MW\ SO_2) / (MW\ S)]$$

1 lb-mol	58.12 lb-butane	30 ppmw S	1 %	1 DecEq	64.07 lb SO ₂ /lb-mol
379.5 scf	1 lb-mole	gas stream (butane)	10,000 ppmw	100 %	32.07 lb S/lb-mol

$$= 9.18E-06\ lb\ SO_2/cf\ of\ the\ gas\ stream = 9.18E-06\ lb\ SO_x/cf\ of\ the\ gas\ stream$$

2. Calculate the total standard operating scenario flow to the flare in scf/hr (Flow_{Std-scf/hr}).

$$Flow_{Std-scf/hr} = [\sum\ Standard\ Operating\ Scenario\ Flow\ Rates\ to\ the\ Flare]$$

$$= (Flow\ from\ the\ GCs) + (Flow\ from\ RVs) + (Flow\ from\ Pumps)$$

$$= 0.00 + 0.00 + 30.00\ scf/hr = 30.00\ scf/hr\ standard\ operating\ scenario\ flow$$

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Enclosed Flare Emission Calculations: Standard Operating Scenario Emission Sources			
BASED ON SPLP Equipment Data / Specifications		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/10/2016

Calculations (Continued):

STANDARD OPERATING SCENARIO EMISSION SOURCES

3. Calculate the flow rate (FR) from the standard operating scenario sources to the flare in MMBtu/hr.

For the RVs as an example:

$$Flow_{Std-MMBtu/hr} = (FR_{Std-scf/hr}) * (HHV_{Butane}) / (CF_{Btu-MMBtu})$$

$$= \left| \frac{30.00 \text{ scf}}{\text{hr}} \right| \left| \frac{3,244 \text{ Btu}}{1 \text{ scf}} \right| \left| \frac{1 \text{ MMBtu}}{1E+06 \text{ Btu}} \right| = 9.73E-02 \text{ MMBtu}_{Std} / \text{hr}$$

4. Convert emission factor from kg/MMBtu to lb/MMBtu.

Using butane CO₂ as an example:

$$EF_{CO_2(lb/MMBtu)} = [EF_{CO_2(kg/MMBtu)}] / (CF_{kg-lb})$$

$$= \left| \frac{64.77 \text{ kg}}{\text{MMBtu}} \right| \left| \frac{1 \text{ lb}}{0.4536 \text{ kg}} \right| = 142.79 \text{ lb CO}_2 / \text{MMBtu}$$

EF										EF _{GWP}		
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂		CH ₄	N ₂ O	CO ₂	CH ₄	N ₂ O
						butane	propane					
(lb/MMBtu)				(lb/scf)	(lb/MMBtu)				N/A			
0.068	0.310	0.57	N/A	9.18E-06	N/A	142.79	138.60	0.01	0.001	1	25	298

NOTE:

Because the EF for butane CO₂ is greater than the EF for propane CO₂, the butane CO₂ emission factor will be applied to estimate the maximum hourly, maximum daily, and annual average emission rates.

STANDARD OPERATING SCENARIO EMISSION SOURCES: Pre-control Emission Estimate

5. Calculate the VOC flow rate from the standard operating scenario sources before controls (F-pre_{VOC}) in lb/hr.

a. For the GCs, the RVs, the Booster pumps, the Injection pumps, and the Feed Pumps.

$$F\text{-pre}_{VOC\text{-lb/hr}} = (Flow_{Std-scf/hr}) / (CF_{scf-lb-mol}) * (MW_{butane})$$

$$= \left| \frac{30.00 \text{ scf}}{\text{hr}} \right| \left| \frac{1 \text{ lb-mol}}{379.5 \text{ scf}} \right| \left| \frac{58.12 \text{ lb}}{1 \text{ lb-mole}} \right| = 4.594 \text{ lb/hr}$$

6. Calculate the EF for HAPs in pounds per scf (lb/scf).

$$EF_{HAPs(lb/scf)} = (HAPs_{wt\%}) / (CF_{wt\%-DecEq}) * (MW_{butane}) / (CF_{scf-lb/mol})$$

$$= \left| \frac{0 \text{ wt\%}}{100 \text{ wt\%}} \right| \left| \frac{1 \text{ DecEq}}{100 \text{ wt\%}} \right| \left| \frac{58.12 \text{ lb}}{\text{lb-mol}} \right| \left| \frac{1 \text{ lb-mol}}{379.5 \text{ scf}} \right| = 0 \text{ lb HAPs/scf}$$

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Enclosed Flare Emission Calculations: Standard Operating Scenario Emission Sources			
BASED ON SPLP Equipment Data / Specifications		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/10/2016

STANDARD OPERATING SCENARIO EMISSION SOURCES: Pre-control Emission Estimate (Continued):

7. Calculate HAPs the flow rate from the standard operating scenario sources before controls (ER-pre_{HAPs}) in lb/hr.

$$ER\text{-pre}_{HAPs\text{-lb/hr}} = (Flow_{Std\text{-scf/hr}}) * (ER_{HAPs\text{-lb/scf}})$$

$$= [(FR_{GC\text{-scf/hr}}) + (FR_{RV\text{-scf/hr}}) + (FR_{Pump\text{-scf/hr}})] * (ER_{HAPs\text{-lb/scf}})$$

$$= \left| \left| 30.00 \frac{\text{scf}}{\text{hr}} \right| \left| \frac{0 \text{ lb}}{1 \text{ scf}} \right| \right| = 0.00\text{E}+00 \text{ lb HAPs/hr}$$

Pre-Control Maximum Hourly Emission Rate (ER) (lb/hr)									
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
N/C	N/C	4.59E+00	N/C	N/C	N/C	N/C	N/C	N/C	N/C

Pre-Control Annual Average ER (tpy)									
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
N/C	N/C	2.01E+01	N/C	N/C	N/C	N/C	N/C	N/C	N/C

POST CONTROLS

STANDARD OPERAING SCENARIO EMISSION SOURCES: Post-control Emission Estimate

8. Calculate the Maximum Hourly emission rate for SO_x ER_{MaxHrlySO_x}

$$ER_{MaxHrlySOx} = (Flow_{Std\text{-scf/hr}}) * (EF_{NOx})$$

$$= \left| 30.00 \frac{\text{scf}}{\text{hr}} \right| \left| 9.18\text{E-}06 \frac{\text{lb}}{\text{scf}} \right| = 2.75\text{E-}04 \text{ lb SO}_x \text{/hr}$$

9. Calculate the pre-control Annual Average emission rate for the remaining pollutants in tons per year (tpy).
Using NO_x as an example:

$$ER\text{-pre}_{AnnAvgNOx} = (ER_{MaxHrlyNOx}) * (CF_{hours\text{-year}}) * (OSF) / (CF_{\%DecEq}) / (CF_{lb\text{-tons}})$$

$$= \left| \frac{6.62\text{E-}03 \text{ lb}}{1 \text{ hr}} \right| \left| \frac{8,760 \text{ hr}}{1 \text{ year}} \right| \left| \frac{100 \%}{100 \%} \right| \left| \frac{1 \text{ DecEq}}{2,000 \text{ lb}} \right| = 2.90\text{E-}02 \text{ tpy of NO}_x$$

10. Calculate the maximum hourly emission rate ER_{MaxHrly}

Using NO_x as an example:

$$ER_{MaxHrlyNOx} = (EF_{NOx}) * (Flow_{Std\text{-MMBtu/hr}})$$

$$= \left| \frac{0.068 \text{ lb}}{\text{MMBtu}} \right| \left| \frac{9.73\text{E-}02 \text{ MMBtu}}{\text{hr}} \right| = 6.62\text{E-}03 \text{ lb NO}_x \text{/hr}$$

11. Calculate the maximum hourly emission rate for CO₂e based on CO₂, CH₄, and N₂O emission rates.

$$ER_{MaxHrlyCO_2e} = \sum \{ [(CO_{2\text{-lb/hr}}) * (EF_{CO_2\text{-GWP}})] + [(CH_{4\text{-lb/hr}}) * (EF_{CH_4\text{-GWP}})] + [(N_{2O\text{-lb/hr}}) * (EF_{N_2O\text{-GWP}})] \}$$

$$= \left| \left| 1.39\text{E}+01 \frac{\text{lb}}{\text{hr}} \right| \right| 1 \left| \right| + \left| \left| 9.73\text{E-}04 \frac{\text{lb}}{\text{hr}} \right| \right| 25 \left| \right| + \left| \left| 9.73\text{E-}05 \frac{\text{lb}}{\text{hr}} \right| \right| 298 \left| \right| = 1.40\text{E}+01 \text{ lb/hr}$$

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Enclosed Flare Emission Calculations: Standard Operating Scenario Emission Sources			
BASED ON SPLP Equipment Data / Specifications		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE 8/10/2016	

POST CONTROLS

STANDARD OPERAING SCENARIO EMISSION SOURCES: Post-control Emission Estimate (Continued)

12. Calculate the maximum hourly VOC flow rate (FR) from the standard operating scenario sources in lb/hr.

$$Flow_{VOC-lb/hr} = (Flow_{Std-scf/hr}) / (CF_{scf-lb-mol}) * (MW_{butane}) * [1 - (DRE / CF_{%-DecEq})]$$

$$= \left| \frac{30.00 \text{ scf}}{\text{hr}} \right| \left| \frac{1 \text{ lb-mol}}{379.5 \text{ scf}} \right| \left| \frac{58.12 \text{ lb}}{\text{lb-mole}} \right| \left| 1 - \left| \frac{98 \%}{100 \%} \right| \right| = 9.19E-02 \text{ lb VOC/hr}$$

13. Calculate the maximum hourly HAPs flow rate (FR) from the standard operating scenario sources in lb/hr.

$$Flow_{HAPs-lb/hr} = (Flow_{Std-scf/hr}) * (EF_{HAPs(lb/scf)}) * [1 - (DRE / CF_{%-DecEq})]$$

$$= \left| \frac{30.00 \text{ scf}}{\text{hr}} \right| \left| \frac{0 \text{ lb}}{1 \text{ scf}} \right| \left| 1 - \left| \frac{98 \%}{100 \%} \right| \right| = 0.00E+00 \text{ lb HAPs/hr}$$

14. Calculate CO₂ the flow rate (FR) from the standard operating scenario sources in lb/hr.

$$Flow_{CO2-lb/hr} = (Flow_{Std- MMBtu/hr}) * (EF_{CO2-lb/MMBtu})$$

$$= \left| \frac{9.73E-02 \text{ lb}}{\text{MMBtu}} \right| \left| \frac{142.79 \text{ MMBtu}}{\text{MMBtu}} \right| = 1.39E+01 \text{ lb CO}_2\text{/hr}$$

Post Control Maximum Short Term Hourly Emission Rate (lb/hr)									
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
6.62E-03	3.02E-02	9.19E-02	N/C	2.75E-04	N/C	1.39E+01	9.73E-04	9.73E-05	1.40E+01

15. Calculate the daily maximum emission rate ER_{MaxDaily}.

Using NO_x as an example:

$$ER_{MaxDailyNOx} = (ER_{MaxStTmNOx}) * (CF_{hours-day})$$

$$= \left| \frac{6.62E-03 \text{ lb}}{1 \text{ hr}} \right| \left| \frac{24 \text{ hr}}{1 \text{ day}} \right| = 1.59E-01 \text{ lb NO}_x\text{/day}$$

Post Maximum Daily Emission Rate (lb/day)									
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
1.59E-01	7.25E-01	2.21E+00	N/C	6.60E-03	N/C	3.34E+02	2.34E-02	2.34E-03	3.36E+02

16. Calculate the annual average emission rate for the remaining pollutants in tons per year (tpy).

Using NO_x as an example:

$$ER_{AnnNOx} = (ER_{MaxShTmNOx}) * (CF_{hours-year}) * (OSF) / (CF_{%-DecEq}) / (CF_{lb-tons})$$

$$= \left| \frac{6.62E-03 \text{ lb}}{1 \text{ hr}} \right| \left| \frac{8,760 \text{ hr}}{1 \text{ year}} \right| \left| \frac{100 \%}{100 \%} \right| \left| \frac{1 \text{ DecEq}}{2,000 \text{ lb}} \right| = 2.90E-02 \text{ NO}_x\text{ tpy}$$

Annual Emission Rate (tpy)									
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
2.90E-02	1.32E-01	4.03E-01	N/C	1.20E-03	N/C	6.09E+01	4.26E-03	4.26E-04	6.13E+01

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Standard Operating Scenario Sources: Total Flow from Booster Pump Seals			
BASED ON SPLP provided equipment volume/specification for the maximum anticipated standard operating scenario		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/10/2016

Objective: Calculate the volume from the booster pumps that are sent to the enclosed flare.

Inputs and Assumptions:

- The pump seal leaks will be captured and sent to the flare header as the volatile organic compound (VOC) and hazardous air pollutant (HAP) control device.
- Worst case scenario is for the station to be at a sea level elevation.

Pressure at atmosphere:	0	ft
	1.00	atm

Source for conversion: http://www.engineeringtoolbox.com/air-altitude-pressure-d_462.html
 Pressure at release point ($P_{act-release-atm}$) = Pressure at atmospheric = 1.00 atm
- Operating service factor (OSF), that is, percent of the year the unit is operating: 100.00 %
- Equipment Quantities:

Booster Pumps (N_{BP}):	1
-----------------------------	---
- Equipment Volume:
- Pump Seal Leak Rates:

Booster Pumps Inlet (LR_{BPIn}):	0	grams per hour (g/hr) @ 60°F	14.7	psi	1.00	atm
	30	acf/hr @ 60°F				
Booster Pumps Outlet (LR_{BPout}):	0	g/hr @ 60°F	0	psi	0.00	atm
	0	acf/hr @ 60°F				

Source: Total pump seal leak rates provided by the Manufacturer (Flowserve):
- The ideal gas law applies:

$$PV = nR_{specific}T$$
- System temperature: 60 degrees Fahrenheit (°F) = 520.67 degrees Rankine (°R)
- Average release temperature: 60 °F = 520.67 °R
- Propane physical properties result in the greatest release volumes, therefore, propane will be used to calculate the gas release volumes from the equipment.
- Propane physical properties:

Density at pipe pressure (ρ_{pipe}):	33.74	pounds per cubic feet (lb/ft ³) at 40°F and 1,480 psig
Density at atmospheric conditions ($\rho_{released}$):	0.12	pounds per standard cubic feet (lb/scf) at 60°F and 1 atm
Density at Booster Pump Inlet (ρ_{BPIn}):	0.12	lb/ft ³ at 60°F at 1 atm
Density at Booster Pump Outlet (ρ_{BPout}):	0.00	lb/ft ³

Source:

 - The density of propane at atmospheric conditions taken from the National Institute of Standards and Technology website of isothermal properties for propane.
<http://webbook.nist.gov/cgi/fluid.cgi?ID=C74986&TUnit=F&PUnit=atm&DUnit=lbm%2Fft3&HUnit=Btu%2Flbm&WUnit=ft%2Fs&VisUnit=cP&S TUnit=lb%2Fft&Type=IsoTherm&RefState=DEF&Action=Page>
 - The higher heating value (HHV) of Butane based on 40 CFR Part 98 Subpart C, Table C-1:
- There are no hazardous air pollutants in butane, propane, or ethane.
- Flare designed capacity (C_{flare}): 10 MMBtu/hr

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Standard Operating Scenario Sources: Total Flow from Booster Pump Seals			
BASED ON SPLP provided equipment volume/specification for the maximum anticipated standard operating scenario		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich		DATE 8/10/2016

Calculations:

1. Calculate the leakage rate per pump seal in acf/hr at atmospheric pressure (LR_{atm}).

$$\frac{P_1 V_1}{P_2 V_2} = \frac{n_1 R T_1}{n_2 R T_2} \quad ; \quad \text{Where } n_1 = n_2 \text{ and } T_1 = T_2 \quad ; \quad \frac{P_1 V_1}{P_2 V_2} = 1$$

$$P_1 V_1 = P_2 V_2 \quad ==> \quad V_2 = P_1 V_1 / P_2$$

$$(LR_{atmBPin-scf/hr}) = (P_{BPin} / CF_{psi-atm} * LR_{BPin-acf/hr}) / P_{atm}$$

$$= \left| \frac{14.7 \text{ psi}}{14.7 \text{ psi}} \right| \left| \frac{1 \text{ atm}}{1 \text{ atm}} \right| \left| \frac{30 \text{ acf}}{\text{hr}} \right| \left| \frac{1}{1.00 \text{ atm}} \right| = 30 \text{ scf/hr}$$

Pump Seal	Pressure (psig)	Leakage Rate	
		(acf/hr)	(scf/hr)
Booster Inlet	14.7	30	30
Booster Outlet	0	0	0

2. Calculate the total pump leakage rate in acf/hr (LR_{total-scf/hr}).

$$LR_{totalBP-scf/hr} = \sum(LR_{atmBPin-scf/hr} + LR_{atmBPout-scf/hr}) * (N_{BP}) * (OSF) / (CF_{\%DecEq})$$

$$= \left| \frac{30 \text{ scf}}{\text{hr}} + \frac{0.00 \text{ scf}}{\text{hr}} \right| \left| \frac{1 \text{ pumps}}{100.00 \%} \right| \left| \frac{1 \text{ DecEq}}{100 \%} \right| = 30 \text{ scf/hr}$$

3. Calculate the total pump leakage rate in scf/yr (LR_{total-scf/yr})

$$LR_{totalBP-scf/yr} = (LR_{totalBP-scf/hr}) * (CF_{hr-yr}) * (OSF) / (CF_{\%DecEq})$$

$$= \left| \frac{30 \text{ scf}}{\text{hr}} \right| \left| \frac{8,760 \text{ hrs}}{1 \text{ yr}} \right| \left| \frac{100.00 \%}{100 \%} \right| \left| \frac{1 \text{ DecEq}}{100 \%} \right| = 262,800 \text{ scf/yr}$$

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Standard Operating Scenario Sources: Total Flow from Pilot Gas for the Enclosed Flare			
BASED ON SPLP Equipment Data / Specifications		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich		DATE 8/30/2016

Objective: Develop example calculations for: Maximum Hourly, Maximum Daily, and Annual Average Emission Rates for the Enclosed Flare Propane Pilot Gas.

Inputs and Assumptions:

- Pilot gas composition: 100.00 weight percent (wt%) propane
- Pilot gas flow rate are based on the flare design specifications.
 flow rate (FR_{Btu/hr}): 50,000 British thermal units per hour (Btu/hr)
 flow rate (FR_{scf/hr}): 22 standard cubic feet per hour (scf/hr)
 Flow rate source: manufacturer's data.
- higher heating value (HHV_{butane}): 3,244 British thermal units per standard cubic feet (Btu/scf)
- Operating service factor (OF), that is, percent of the year the unit is operating: 100.00 %
- The flare's destruction and removal efficiency (DRE) has been applied to the pilot gas VOC emissions:
98.0 percent (%)
- Because the enclosed flare is considered to be 100% smokeless, particulate matter (PM) emissions are assumed to be negligible.
- HAPs are not generated from propane burned as pilot gas and are contained in the LPG stream. However, for a conservative estimate, HAPs associated with natural gas combustion have been included for the pilot gas.
- Flare Emission Factors (EFs)

NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂		CH ₄	N ₂ O
						butane	propane		
(lb/MMBtu)				(ppmw)	(lb/MMscf)	(kg/MMBtu)			
0.068	0.310	0.570	0	30	1.89	64.77	62.87	0.003	0.0006

INFORMATION REGARDING THE SOURCE OF INPUTS FOR THIS THIS TABLE ARE PRESENTED IN THE CONVERSION FACTORS, PHYSICAL PROPERTIES, AND ABBREVIATIONS / ACRONYMS WORKSHEET.

- Oxides of Sulfur (SO_x) emissions are:
 Based on the sulfur content of the stream.
 Assumes SO_x as SO₂.
 Assumes that all the all fuel sulfur converts to SO₂.

10. CO₂e Global Warming Potential EFs (EF_{GWP})

CO ₂	CH ₄	N ₂ O
1	25	298

CO₂e emission estimates use the following carbon equivalence factors: 25 for CH₄, and 298 for N₂O from 40 CFR Part 98, Subpart A, Table A-1.

- There are no hazardous air pollutants in propane. However, for a conservative estimate the pilot gas was assumed to have the same HAPs as natural gas, that is, AP-42, Section 1.4, Tables 1.4-3 (EFs for Speciated Organic Compounds from Natural Gas Combustion) and 1.4-4 (ER for metals from Natural Gas Combustion) applies.

AP-42 Chapter 1.4; Table 1.4-2; footnote a: To convert from lb/10⁶ scf to lb/MMBtu, divide by 1,020. The emission factors in this table may be converted to other natural gas heating values by multiplying the given emission factor by the ratio of specified heating values to this average heating value.

<https://www3.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Standard Operating Scenario Sources: Total Flow from Pilot Gas for the Enclosed Flare			
BASED ON SPLP Equipment Data / Specifications		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich		DATE 8/30/2016

Calculations:

PILOT GAS EMISSIONS

1. Calculate the pilot gas flow rate in Btu/hr at 22 scf/hr.

$$ER_{bt/hr} = (FR_{scf/hr}) * (HHV_{Propane-MMBtu/scf})$$

$$= \left| \frac{22 \text{ scf}}{\text{hr}} \right| \left| \frac{2,516 \text{ Btu}}{\text{scf}} \right| = 55,352 \text{ Btu/hr estimated based on manufacturer's flow rate in scf/hr}$$

2. Calculate the SO_x emission factor in pounds per standard cubic feet (lb/scf).

$$EF_{SOx(lb/scf)} = (EF_{SOx-ppmw}) / (CF_{ppm-\%}) / (CF_{\%-DecEq}) / (CF_{scf-lb_mol}) * (MW_{propane}) * [(molar \text{ ratio of } SO_2 \text{ to } S)]$$

$$= \left| \frac{30 \text{ ppmw}}{1E+04 \text{ ppmw}} \right| \left| \frac{1 \text{ \%}}{100 \text{ \%}} \right| \left| \frac{1 \text{ DecEq}}{100 \text{ \%}} \right| \left| \frac{1 \text{ lb-mol}}{379.5 \text{ scf lb-mol}} \right| \left| \frac{44.10 \text{ lb}}{32.07 \text{ lb-S/lb-mol}} \right|$$

$$= 6.96E-06 \text{ lb } SO_2/\text{propane scf} = 6.96E-06 \text{ lb } SO_x/\text{propane scf}$$

3. Convert emission factor from kg/MMBtu to lb/MMBtu.

Using propane CO₂ as an example:

$$EF_{CO2(lb/MMBtu)} = [EF_{CO2(kg/MMBtu)}] / (CF_{kg-lb})$$

$$= \left| \frac{62.87 \text{ kg}}{\text{MMBtu}} \right| \left| \frac{1 \text{ lb}}{0.4536 \text{ kg}} \right| = 138.60 \text{ lb } CO_2/\text{MMBtu}$$

EF									EF _{GWP}		
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂ propane	CH ₄	N ₂ O	CO ₂	CH ₄	N ₂ O
(lb/MMBtu)				(lb/scf)	(lb/MMscf)	(lb/MMBtu)			N/A		
0.068	0.310	0.570	0	6.96E-06	1.89	138.60	0.01	0.001	1	25	298

4. Calculate the maximum hourly emission rate ER_{MaxShtTm*}

Using NO_x as an example:

$$ER_{MaxHrlyNOx} = (EF_{NOx}) * (Flow_{Btu/hr}) / (CF_{Btu-MMBtu})$$

$$= \left| \frac{0.068 \text{ lb}}{\text{MMBtu}} \right| \left| \frac{55,352 \text{ Btu}}{\text{hr}} \right| \left| \frac{1 \text{ MMBtu}}{1E+06 \text{ Btu}} \right| = 3.76E-03 \text{ lb } NO_x/\text{hr}$$

5. Estimate the pilot gas flow rate and compared to the design value in scf/hr

$$ER_{scf/hr} = (FR_{Btu/hr}) / (HHV_{MMBtu/scf})$$

$$= \left| \frac{55,352 \text{ Btu}}{\text{hr}} \right| \left| \frac{\text{scf}}{3,244 \text{ Btu}} \right| = 17.1 \text{ pilot gas flow scf/hr}$$

The design flow rate of 22 scf/hr is greater than the estimated value. Therefore, the design flow rate of 22 scf/hr is presented in the application of Table 1-1 and used in the emission when scf is applied.

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SUBJECT Doylesburg Station -- Existing Equipment Standard Operating Scenario Sources: Total Flow from Pilot Gas for the Enclosed Flare			
BASED ON SPLP Equipment Data / Specifications		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/30/2016

Calculations (Continued):

PILOT GAS EMISSIONS

6. Calculate the maximum hourly emission rate for SO_x ER_{MaxHrlySO_x}

$$ER_{MaxHrlySO_x} = (EF_{SO_x}) * (FR_{Btu/hr}) / (HHV_{propane})$$

$$= \left| \frac{6.96E-06 \text{ lb}}{\text{scf}} \right| \left| \frac{55,352 \text{ Btu}}{\text{hr}} \right| \left| \frac{\text{scf}}{2,516 \text{ Btu}} \right| = 1.53E-04 \text{ lb/hr}$$

7. Calculate the maximum hourly emission rate based on the heat rate of the pilot gas for HAPs ER_{MaxHrlyHAPs}

$$ER_{MaxHrlyHAPs} = (FR_{scf/hr}) * (EF_{HAPs}) / (CF_{scf-MMscf})$$

$$= \left| \frac{22 \text{ scf}}{\text{hr}} \right| \left| \frac{1.89 \text{ lb}}{\text{MMscf}} \right| \left| \frac{1 \text{ MMscf}}{1E+06 \text{ scf}} \right| = 4.16E-05 \text{ lb HAPs /hr}$$

8. Calculate the maximum hourly emission rate for the other pollutants

Using CO as an example:

$$ER_{MaxHrlyCO} = (FR_{Btu/hr}) * (EF_{CO}) / (CF_{Btu-MMBtu})$$

$$= \left| \frac{55,352 \text{ Btu}}{\text{hr}} \right| \left| \frac{0.31 \text{ lb}}{\text{MMBtu}} \right| \left| \frac{1 \text{ MMBtu}}{1E+06 \text{ Btu}} \right| = 1.72E-02 \text{ lb CO /hr}$$

9. Calculate the maximum hourly emission rate for CO_{2e} based on CO₂, CH₄, and N₂O emission rates.

$$ER_{MaxHrlyCO_2e} = \sum \{ [(CO_{2_lb/hr}) * (EF_{CO_2_GWP})] + [(CH_{4_lb/hr}) * (EF_{CH_4_GWP})] + [(N_{2}O_{_lb/hr}) * (EF_{N_2O_GWP})] \}$$

$$= \left\| \left\| 7.67E+00 \frac{\text{lb}}{\text{hr}} \right\| 1 \right\| + \left\| \left\| 5.54E-04 \frac{\text{lb}}{\text{hr}} \right\| 25 \right\| + \left\| \left\| 5.54E-05 \frac{\text{lb}}{\text{hr}} \right\| 298 \right\| = 7.70E+00 \text{ lb/hr}$$

Maximum Hourly Emission Rate (lb/hr)								
NO _x	CO	VOC	SO _x	HAPs	CO ₂ propane	CH ₄	N ₂ O	CO _{2e}
3.76E-03	1.72E-02	3.16E-02	1.53E-04	4.16E-05	7.67E+00	5.54E-04	5.54E-05	7.70E+00

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BY VJPlachy	CHECKED BY AMO'Bradovich		DATE 8/30/2016

Calculations (Continued):

PILOT GAS EMISSIONS

10. Calculate the daily maximum emission rate $ER_{MaxDaily}$.

Using NO_x as an example:

$$ER_{MaxDaily} = (ER_{MaxHrlyNOx}) / (CF_{hours-day})$$

$$= \left| \frac{3.76E-03 \text{ lb}}{1 \text{ hr}} \right| \left| \frac{24 \text{ hr}}{1 \text{ day}} \right| = 9.02E-02 \text{ lb } NO_x / \text{day}$$

Maximum Daily Emission Rate (lb/day)								
NO_x	CO	VOC	SO_x	HAPs	CO_2 propane	CH_4	N_2O	CO_2e
9.02E-02	4.13E-01	7.58E-01	3.67E-03	9.98E-04	1.84E+02	1.33E-02	1.33E-03	1.85E+02

11. Calculate the annual average emission rate for ER_{AnnAvg} .

Using NO_x as an example:

$$ER_{AnnAvgNOx} = (ER_{MaxHrlyNOx}) * (CF_{hours-year}) * (OSF) / (CF_{\%DecEq}) / (CF_{lb-ton})$$

$$= \left| \frac{3.76E-03 \text{ lb}}{\text{hr}} \right| \left| \frac{8,760 \text{ hr}}{1 \text{ yr}} \right| \left| \frac{100 \%}{100 \%} \right| \left| \frac{1 \text{ DecEq}}{2,000 \text{ lb}} \right| = 1.65E-02 \text{ tpy } NO_x$$

Annual Emission Rate (tpy)								
NO_x	CO	VOC	SO_x	HAPs	CO_2 propane	CH_4	N_2O	CO_2e
1.65E-02	7.53E-02	1.38E-01	6.70E-04	1.82E-04	3.36E+01	2.43E-03	2.43E-04	3.37E+01

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Enclosed Flare Emission Calculations: Maintenance Operations Scenario Emissions Sources			
BASED ON SPLP provided equipment volume/specification for the maximum anticipated maintenance operation scenarios		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/10/2016

Objective: Develop example calculations for: Maximum Hourly, Maximum Daily, and Annual Average Emission Rates for the proposed Maintenance Activities.

Inputs and Assumptions:

- Potential stream products to the enclosed flare consistent of butane, propane, and/or ethane.
- Maintenance intermittent emission sources to the enclosed flare that were evaluated include: gas releases from filter cleaning, prover maintenance, pigging events, and miscellaneous maintenance activities.
- The number of filter changes, prover maintenances, and pigging events has been developed to include miscellaneous maintenance activities.
- Stream physical properties that result in the maximum potential emission rates have been used.
- Example calculations for total annual volumes from filter changes, prover maintenances, and pigging events are presented in a separate example calculation sheet.
- The flare's destruction and removal efficiency (DRE) for VOCs and HAPs only: 98.0 percent (%)
The flare does not reduce/control NO_x, CO, SO_x, CO, CH₄, N₂O, or CO₂e emissions, that is, pre-control emissions equal post-control emissions.
- Pilot gas is propane and is calculated in a separate workbook (Example calculations; Enclosed Flare Emission Calculations; Pilot Gas Emission Source).
- Total annual flow to flare from:

Filter (F) (FR _{F-scf/yr}):	53,880 standard cubic feet per year (scf/yr)	
Prover (F) (FR _{Prover-scf/yr}):	0 scf/yr	N/A to this station.
Pigging (F) (FR _{pigging-scf/yr}):	0 scf/yr	N/A to this station.

Total Maximum Annual Flow rate (FR_{MaxAnn}): 53,880 scf/yr

Flare designed capacity (C_{flare}): 10 MMBtu/hr

Maximum Pilot Gas Hourly Flow rate (FR_{MaxHrlyPilot}): 55,352 British thermal units per hour (Btu/hr)

Flow rate conversions to the units below are presented in the Example Calculations for Enclosed Flare Emission Calculations: Total Maintenance.

Maintenance activity emission estimates are presented in another calculation sheet.

- Because the enclosed flare is considered to be 100% smokeless, particulate matter (PM) emissions are assumed to be negligible.
- Maximum emission stream flow rates are achieved when assuming a stream composition of 100 wt% butane
- Flared Emission Factors (EFs)

NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂		CH ₄	N ₂ O
						butane	propane		
(lb/MMBtu)				(ppmw)	(lb/MMBtu)	(kg/MMBtu)			
0.068	0.310	0.570	0	30	1.89	64.77	62.87	0.003	0.0006

NOTES FOR THIS TABLE ARE PRESENTED IN THE CONVERSION FACTORS, PHYSICAL PROPERTIES, AND ABBREVIATIONS / ACRONYMS WORKSHEET.

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Inputs and Assumptions (Continued):

12. HAPs are generated from propane burned as pilot gas and are contained in the LPG stream.

13. LPG HAP content (HAPs_{wt%}): 0 wt%

14. Oxides of Sulfur (SO_x) emissions are:

Based on the sulfur content of the stream.

Assume SO_x as SO₂.

Assumes that all the all fuel sulfur converts to SO₂.

15. CO₂e Global Warming Potential EFs (EF_{GWP})

CO ₂	CH ₄	N ₂ O
1	25	298

CO₂e emission estimates use the following carbon equivalence factors: 25 for CH₄, and 298 for N₂O from 40 CFR Part 98, Subpart A, Table A-1.

Calculations:

MAINTENANCE ACTIVITIES EMISSION SOURCES

1. Calculate the maximum hourly flow to the flare for maintenance activities (scf/hr)

$$\text{Flow}_{\text{scf/hr}} = \left[\frac{(\text{FR}_{\text{Flare-MMBtu/hr}})}{(\text{HHV}_{\text{Propane}})} * (\text{CF}_{\text{Btu-MMBtu}}) \right] - (\text{Flow}_{\text{Std-scf/hr}})$$

$$= \left[\frac{10 \text{ MMBtu}}{\text{hr}} \frac{\text{scf}}{2,516 \text{ Btu}} \frac{1\text{E}+06 \text{ Btu}}{1 \text{ MMBtu}} \right] - \left[\frac{30.00 \text{ scf}}{\text{hr}} \right] = 3,945 \text{ scf/hr}$$

2. Calculate the SO_x emission factor in pounds per standard cubic feet (lb/scf).

$$\text{EF}_{\text{SOx(lb/scf)}} = [(\text{mole of the gas stream}) * [(\text{concentration of sulfur in gas stream}) * [(\text{molar ratio of SO}_2 \text{ to S})]]$$

$$= [(\text{lb of gas stream}) * (\text{MW gas stream}) * [(\text{concentration of sulfur in gas stream}) * [(\text{molar ratio of SO}_2 \text{ to S})]]$$

$$= [(\text{volume of gas stream as butane}) * (\text{MW}_{\text{butane}})] * [(\text{concentration of sulfur ppmw}) / (\text{CF}_{\text{ppmw-wt\%}}) / (\text{CF}_{\text{wt\%-DecEq}})] * [(\text{MW SO}_2) / (\text{MW S})]$$

$$= [(\text{CF}_{\text{lb-mol-scf}}) * (\text{MW}_{\text{butane}})] * [(\text{SO}_2\text{-ppmw}) / (\text{CF}_{\text{ppmw-wt\%}}) / (\text{CF}_{\text{wt\%-DecEq}})] * [(\text{MW SO}_2) / (\text{MW S})]$$

$$= \left[\frac{1 \text{ lb-mol}}{379.5 \text{ scf}} \frac{58.12 \text{ lb-butane}}{\text{lb-mol}} \frac{30 \text{ ppmw S}}{\text{gas stream}} \frac{1 \text{ wt\%}}{10000 \text{ ppmw}} \frac{1 \text{ DecEq}}{100 \text{ wt\%}} \frac{64.07 \text{ lb SO}_2/\text{lb-mol}}{32.07 \text{ lb-S/lb-mol}} \right]$$

$$= 9.18\text{E-}06 \text{ lb SO}_2/\text{scf of the gas stream} = 9.18\text{E-}06 \text{ lb SO}_x/\text{scf of the gas stream}$$

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Calculations:

MAINTENANCE ACTIVITIES EMISSION SOURCES

3. Convert emission factor from kg/MMBtu to lb/MMBtu.

Using butane CO₂ as an example:

$$EF_{CO_2(lb/MMBtu)} = [EF_{CO_2(kg/MMBtu)}] / (CF_{kg-lb})$$

$$= \left| \frac{64.77 \text{ kg}}{\text{MMBtu}} \right| \left| \frac{1 \text{ lb}}{0.4536 \text{ kg}} \right| = 142.79 \text{ lb CO}_2/\text{MMBtu}$$

EF										EF _{GWP}		
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂		CH ₄	N ₂ O	CO ₂	CH ₄	N ₂ O
						butane	propane					
(lb/MMBtu)			(lb/scf)		(lb/MMBtu)			N/A				
0.068	0.310	N/C	N/C	9.18E-06	TBD	142.79	138.6	0.01	0.001	1	25	298

NOTE:

Because the EF for butane CO₂ is greater than the EF for propane CO₂, the butane CO₂ emission factor will be applied to estimate the maximum short term, maximum daily, and annual average emission rates.

MAINTENANCE ACTIVITIES EMISSION SOURCES ANNUAL EMISSION ESTIMATE

Pre-controls

4. Calculate the annual heat input HI_{Annual} in MMBtu/hr

$$HI_{MMBtu/yr} = (FR_{MaxAnn}) * (HHV_{Butane}) / (CF_{Btu-MMBtu})$$

$$= \left| \frac{53,880 \text{ scf}}{\text{yr}} \right| \left| \frac{3,244 \text{ Btu}}{\text{scf}} \right| \left| \frac{1 \text{ MMBtu}}{1E+06 \text{ Btu}} \right| = 174.79 \text{ MMBtu/yr}$$

5. Calculate the VOC flow rate (FR) from the pre-control maintenance sources in lb/hr (F_{pre-VOC-lb/hr}).

$$FR_{pre-VOC-lb/hr} = (FR_{MaxHrly-scf/hr}) * (MW_{butane}) / (CF_{scf-lb-mol}) * (WT\%VOC) / (CF_{\%-DecEq})$$

$$= \left| \frac{3,945 \text{ scf}}{\text{hr}} \right| \left| \frac{58.12 \text{ lb}}{\text{lb-mole}} \right| \left| \frac{1 \text{ lb-mol}}{379.5 \text{ scf}} \right| \left| 100 \text{ wt\%} \right| \left| \frac{1 \text{ DecEq}}{100 \%} \right|$$

$$= 604.17 \text{ lb VOC /hr}$$

6. Calculate the EF for HAPs in pounds per scf (lb/scf).

$$EF_{HAPs(lb/scf)} = (HAPs_{wt\%}) / (CF_{wt\%-DecEq}) * (MW_{butane}) / (CF_{scf-lb-mol})$$

$$= \left| \frac{0 \text{ wt\%}}{100 \text{ wt\%}} \right| \left| \frac{1 \text{ DecEq}}{\text{DecEq}} \right| \left| \frac{58.12 \text{ lb}}{\text{lb-mol}} \right| \left| \frac{1 \text{ lb-mol}}{379.5 \text{ scf}} \right| = 0 \text{ lb HAPs/scf}$$

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Calculations (Continued):

MAINTENANCE ACTIVITIES EMISSION SOURCES: Pre-control

7. Calculate HAPs the pre-control flow rate (FR) from the maintenance sources in lb/hr (Fpre_{HAPs-lb/hr}).

$$FR_{pre_{HAPs-lb/hr}} = (FR_{MaxHrly-scf/hr}) * (EF_{HAPs-lb/scf})$$

$$= \left| \frac{3,945 \text{ scf}}{\text{hr}} \right| \left| \frac{0 \text{ lb}}{1 \text{ scf}} \right| = 0.00 \text{ lb HAPs/hr}$$

Pre-Control Maximum Hourly Emission Rate (lb/hr)									
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
N/C	N/C	604.17	N/C	N/C	N/C	N/C	N/C	N/C	N/C

8. Calculate the VOC pre-control annual emission rate from the maintenance sources in tpy.

$$F_{pre_{VOC(tpy)}} = (FR_{MaxAnn}) * (MW_{butane}) / (CF_{scf-lbmol}) / (CF_{lb-ton})$$

$$= \left| \frac{53,880 \text{ scf}}{\text{yr}} \right| \left| \frac{58.12 \text{ lb}}{\text{lb-mole}} \right| \left| \frac{1 \text{ lb-mol}}{379.5 \text{ scf}} \right| \left| \frac{1 \text{ ton}}{2,000 \text{ lb}} \right| = 4.13 \text{ tpy VOC}$$

9. Calculate the HAP pre-control annual emission rate from the maintenance sources in tpy.

$$F_{pre_{HAP(tpy)}} = (F_{pre_{VOC(tpy)}}) * (HAPs_{wt\%}) / (CF_{\%-\text{dec.eq.}})$$

$$= \left| \frac{4.13 \text{ t}}{\text{yr}} \right| \left| \frac{0 \text{ wt\%}}{100 \text{ \%}} \right| \left| \frac{1 \text{ DecEq}}{100 \text{ \%}} \right| = 0.00E+00 \text{ tpy HAP}$$

Pre-Control Annual Average Emission Rate (tpy)									
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
N/C	N/C	4.13	N/C	N/C	N/C	N/C	N/C	N/C	N/C

10. Calculate the maximum hourly emission rate for SO_x ER_{MaxStTmSO_x}

$$ER_{MaxStTmSOx} = (FR_{MaxHrly}) * (EF_{SOx})$$

$$= \left| \frac{3,945 \text{ scf}}{\text{hr}} \right| \left| \frac{9.18E-06 \text{ lb}}{\text{scf}} \right| = 3.62E-02 \text{ lb SO}_x \text{ /hr}$$

11. Calculate the maximum hourly emission rate for NO_x, CO, CO₂, CH₄, and N₂O ER_{MaxStTm}.

Using NO_x as an example:

$$ER_{MaxStTmNOx} = (FR_{MaxHrly}) * (EF_{NOx}) * (HHV_{butane}) / (CF_{Btu-MMBtu})$$

$$= \left| \frac{3,945 \text{ scf}}{\text{hr}} \right| \left| \frac{6.80E-02 \text{ lb}}{\text{MMBtu}} \right| \left| \frac{3,244 \text{ Btu}}{\text{scf}} \right| \left| \frac{1 \text{ MMBtu}}{1E+06 \text{ Btu}} \right| = 8.70E-01 \text{ lb NO}_x \text{ /hr}$$

12. Calculate the maximum hourly emission rate for CO₂e based on CO₂, CH₄, and N₂O emission rates.

$$ER_{MaxHrlyCO2e} = \sum \{ [(CO_{2-lb/hr}) * (EF_{CO2-GWP})] + [(CH_{4-lb/hr}) * (EF_{CH4-GWP})] + [(N_{2O-lb/hr}) * (EF_{N2O-GWP})] \}$$

$$= \left| \frac{1.83E+03 \text{ lb}}{\text{hr}} \right| \left| 1 \right| + \left| \frac{1.30E-01 \text{ lb}}{\text{hr}} \right| \left| 25 \right| + \left| \frac{1.00E-02 \text{ lb}}{\text{hr}} \right| \left| 298 \right|$$

$$= \left| \frac{1.83E+03 \text{ lb}}{\text{hr}} \right| + \left| \frac{3.25E+00 \text{ lb}}{\text{hr}} \right| + \left| \frac{2.98E+00 \text{ lb}}{\text{hr}} \right| = 1.84E+03 \text{ lb/hr}$$

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Calculations (Continued):

MAINTENANCE ACTIVITIES EMISSION SOURCES: Post-control Emission Estimate (Continued)

13. Calculate the annual average emission rate for the CO₂e in tons per year (tpy).

$$ER_{MaxStTmCO_2e} = \sum \{ [(CO_{2-tpy}) * (EF_{CO_2-GWP})] + [(CH_{4-tpy}) * (EF_{CH_4-GWP})] + [(N_2O_{-tpy}) * (EF_{N_2O-GWP})] \}$$

$$= \left| \frac{1.25E+01 \text{ t}}{\text{yr}} \right| 1 + \left| \frac{1.00E-03 \text{ t}}{\text{yr}} \right| 25 + \left| \frac{1.00E-04 \text{ t}}{\text{yr}} \right| 298 = 1.26E+01 \text{ tpy}$$

14. Calculate the annual emission rate for the remaining pollutants in tons per year (tpy).

Using NO_x as an example:

$$ER_{AnnualNO_x} = (FR_{MMBtu/yr}) * (EF_{NO_x}) / (CF_{lb-tons})$$

$$= \left| \frac{174.79 \text{ MMBtu}}{\text{yr}} \right| \left| \frac{0.068 \text{ lb}}{\text{MMBtu}} \right| \left| \frac{1 \text{ t}}{2,000 \text{ lb}} \right| = 5.94E-03 \text{ tpy of NO}_x$$

15. Calculate the SO_x emission rate from the maintenance sources in tpy.

$$ER_{MaxStTmSO_x} = (FR_{MaxAnn}) * (EF_{SO_x}) / (CF_{lb-ton})$$

$$= \left| \frac{53,880 \text{ scf}}{\text{yr}} \right| \left| \frac{9.18E-06 \text{ lb}}{\text{scf}} \right| \left| \frac{1 \text{ t}}{2,000 \text{ lb}} \right| = 2.47E-04 \text{ tpy SO}_x$$

16. Calculate the post-control VOC and HAPs emission in lb/hr and tpy.

Using short term maximum VOCs as an example:

$$Flow\text{-post}_{VOC\text{-lb/hr}} = (Flow_{VOCs\text{-lb/hr}}) * [1 - (DRE / CF_{\%DecEq})]$$

$$= \left| \frac{604.17 \text{ lb}}{\text{hr}} \right| 1 - \left| \frac{98.0 \%}{100 \%} \right| \left| \frac{1 \text{ DecEq}}{100 \%} \right| = 12.08 \text{ lb VOCs/hr}$$

Post Control Maximum Hourly Emission Rate (lb/hr)									
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
0.87	3.97	12.08	N/C	0.04	N/C	1,827	0.13	0.01	1,840

Post-Control Annual Average Emission Rate (tpy)									
NO _x	CO	VOC	PM/PM ₁₀ / PM _{2.5}	SO _x	HAPs	CO ₂ butane	CH ₄	N ₂ O	CO ₂ e
0.01	0.03	0.08	N/C	0.0002	N/C	12.48	0.001	0.0001	12.60

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Maintenance Operations Scenario Sources: Total Flow from Filter			
BASED ON SPLP provided equipment volume/specification for the maximum anticipated maintenance operation scenarios		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/10/2016

Objective: Calculate the filter volume from maintenance activities that are sent to the enclosed flare.

Inputs and Assumptions:

- Worst case scenario is for the station to be at a sea level elevation. 0 ft
Pressure at atmosphere: 1.00 atm
Source for conversion: http://www.engineeringtoolbox.com/air-altitude-pressure-d_462.html
- Pipe pressure at release point ($P_{pipe-release}$) = Pressure at atmospheric = 1.00 atm
- Operating service factor (OSF), that is, percent of the year the unit is operating: 100.00 %
- Propane physical properties result in the greatest release volumes, therefore, propane will be used to calculate the gas release volumes from the equipment.
- Propane physical properties:

Density at pipe pressure (ρ_{pipe}): 33.74 pounds per cubic feet (lb/ft³) at 40°F and 1,480 psig

Density at atmospheric conditions ($\rho_{released}$): 0.12 pounds per standard cubic feet (lb/scf) at 60°F and 1 atm

NOTES:

The density of propane at atmospheric conditions taken from the National Institute of Standards and Technology website of isothermal properties for propane.

<http://webbook.nist.gov/cgi/fluid.cgi?ID=C74986&TUnit=F&PUnit=atm&DUnit=lbm%2Fft3&HUnit=Btu%2Flbm&WUnit=ft%2Fs&VisUnit=cP&TUnit=lb%2Fft&Type=IsoTherm&RefState=DEF&Action=Page>

- Filter: Filters ($N_{Filters}$): 1
Max annual filter changing events (E_{Filter}): 6 event-filter/yr
Filter ($V_{Filters}$): 31.94 cubic feet (ft³)

7. The ideal gas law applies:

$$PV = nR_{specific}T, \text{ where } n \text{ is equivalent the number of moles multiplied by the molecular weight (MW) and divided by density } (\rho).$$

Calculations:

- Calculate the volume of gas released (V_{Filter}) in standard cubic feet (scf) at release temperature and pressure.

$$PV = nR_{specific}T$$

$$\frac{P_1 V_1}{P_2 V_2} = \frac{[n]RT_1}{[n]RT_2} = \frac{[(MW_{lb/lb\ mole}) / \rho_1] * (R_{specific} T_1)}{[(MW_{lb/lb\ mole}) / \rho_2] * (R_{specific} T_2)} = \frac{(\rho_2)}{(\rho_1)}$$

Solving for the release volume:

$$V_2 = \left| \frac{\rho_1}{\rho_2} \right| \left| \frac{P_1}{P_2} \right| \left| V_1 \right|$$

$$= \left| \frac{33.74 \text{ lb}}{\text{ft}^3} \right| \left| \frac{1 \text{ atm}}{1 \text{ atm}} \right| \left| \frac{31.94 \text{ ft}^3}{\text{filter-event}} \right| = 8,980 \text{ scf/filter-event}$$

- Calculate the total annual volume released to the flare from filters cleanings in scf/yr ($V_{Filter-scf/yr}$).

$$V_{Filter-scf/yr} = (V_{Filter}) * (N_{Filter}) * (E_{Filter}) * (OSF) / (CF_{\%DecEq})$$

$$= \left| \frac{8,980 \text{ scf}}{\text{event-filter}} \right| \left| \frac{1 \text{ filter}}{\text{yr}} \right| \left| \frac{6 \text{ events}}{\text{yr}} \right| \left| \frac{100.00 \%}{100 \%} \right| \left| \frac{1 \text{ DecEq}}{100 \%} \right| = 53,880 \text{ scf/yr}$$

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylestown Station -- Existing Equipment Fugitive Emission Estimate			
BASED ON SPLP Process and Instrumentation Drawings (P&IDs)		DRAWING NUMBER	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/30/2016

Objective: Calculation the Maximum Hourly and Annual Average Emissions associated with fugitive components for the proposed fittings, valves, relief valves, and other miscellaneous component types.

Inputs and Assumptions:

1. Component counts

Equipment Counts:

Fittings:	<u>205</u>
Valves:	<u>121</u>
Relief Valves:	<u>1</u>
Pump Seals:	<u>1</u>

Other Components:

Coriolis Meter	<u>0</u>
Prover	<u>0</u>
Composite Sampler	<u>0</u>
Instruments	<u>21</u>
Static Mixer	<u>0</u>
Check Valves	<u>2</u>
TOTAL Other Components	23

2. The leak emission factors are taken from the USEPA Protocol for Equipment Leak Emission Estimates, EPA-453/R-95-017, November, 1995, Table 2-3 for light liquid service.

3. Emission Leak Factors:

Fittings:	<u>8.00E-06</u> kilogram per hour per component (kg/hr-component)
Valves:	<u>4.30E-05</u> kg/hr-component
Relief Valves:	<u>1.30E-04</u> kg/hr-component
Pump Seals:	<u>5.40E-04</u> kg/hr-component
Other Components:	<u>1.30E-04</u> kg/hr-component

4. Assume the total organic compound emissions are equivalent to total VOCs.

5. The HAP content as a result of the LPG (WT%_{HAP}): 0 wt %

6. The relief valves on any butane, propane, and ethane spheres/tanks that release to the atmosphere are fugitive emitters.

7. Butane, propane, and ethane do not contain any HAPs.

8. Number of atmospheric relief valves on non-HAP spheres/tanks (N_{RVBPS}): 1 Relief Valves

9. The contingency (Cont) for as-built modifications during the construction phase is: 20 %

10. Operating service factor (OSF): 100 %

Calculations:

1. Convert the component leak EFs from kg/hr-component to lb/hr-component (EF_{lb/hr-component}).

Using fittings as an example:

$$EF_{\text{Fittings}_b/\text{hr-component}} = (EF_{\text{kg/hr-component}}) * (CF_{\text{kg-g}}) / (CF_{\text{g-lb}})$$

$$= \left| \frac{8.00\text{E-}06 \text{ kg}}{\text{hr-component}} \right| \left| \frac{1,000 \text{ g}}{1 \text{ kg}} \right| \left| \frac{1 \text{ lb}}{453.6 \text{ g}} \right| = 1.76\text{E-}05 \text{ lb/hr-component}$$

Equipment Type	Leak EF (lb/hr-component)
Fittings	1.76E-05
Valves	9.48E-05
Relief Valves to atm	2.87E-04
Pump Seals	1.19E-03
Other Components	2.87E-04

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylestown Station -- Existing Equipment Fugitive Emission Estimate			
BASED ON SPLP Process and Instrumentation Drawings (P&IDs)		DRAWING NUMBER	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/30/2016

Calculations (Continued):

2. Calculate the VOC Max Hourly ER in lb/hr (ER_{VOC_{lb/hr}}).

Using fittings as an example:

$$ER_{\text{Fittings-VOC}_{\text{lb/hr}}} = (EF_{\text{lb/hr-component}}) * (EC_{\text{Fittings}})$$

$$= \left[\frac{1.76\text{E-}05 \text{ lb}}{\text{hr-component}} \right] 205 \text{ components} = 3.61\text{E-}03 \text{ lb VOCs/hr}$$

Equipment Type	Leak EF (lb/hr-component)	Equipment Count	VOC Max Hourly (lb/hr)
Fittings	1.76E-05	205	3.61E-03
Valves	9.48E-05	121	1.15E-02
Relief Valves to atm	2.87E-04	1	2.87E-04
Pump Seals	1.19E-03	1	1.19E-03
Other Components	2.87E-04	23	6.60E-03
TOTAL:			2.32E-02

3. Calculate the ER for HAPs in lb/hr (ER_{RV-HAP_{lb/hr}}) for the relief valves to atmosphere (not butane or propane sphere relief valves).

$$ER_{\text{RV-HAP}_{\text{lb/hr}}} = \{ (EF_{\text{RV-lb/hr-component}}) * [(EC_{\text{RV}}) - (N_{\text{RVBPS}})] \} * [(WT\%_{\text{HAP}}) / (CF_{\%-\text{DecEq}})]$$

$$= \left[\frac{2.87\text{E-}04 \text{ lb}}{\text{hr-component}} \right] 1 - 1 \text{ comp} * \left[\frac{0 \text{ wt\%}}{100 \text{ wt\%}} \right] \left[\frac{1 \text{ DecEq}}{100 \text{ DecEq}} \right] = 0.00\text{E+}00 \text{ lb HAPs/hr}$$

4. Calculate the ER for HAPs in lb/hr (ER_{HAP_{lb/hr}}) for the fittings, valves, and other components.

Using fittings as an example:

$$ER_{\text{Fittings-HAP}_{\text{lb/hr}}} = (ER_{\text{Fittings-VOC}_{\text{lb/hr}}}) * (WT\%_{\text{HAP}}) / (CF_{\%-\text{DecEq}})$$

$$= \left[\frac{3.61\text{E-}03 \text{ lb}}{\text{hr}} \right] 0 \% \left[\frac{1 \text{ DecEq}}{100 \text{ DecEq}} \right] = 0.00\text{E+}00 \text{ lb HAPs/hr}$$

Equipment Type	HAP Max Hourly (lb/hr)
Fittings	N/C
Valves	N/C
Relief Valves to atm	N/C
Pump Seals	N/C
Other Components	N/C
TOTAL: N/C	

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylestown Station -- Existing Equipment Fugitive Emission Estimate			
BASED ON SPLP Process and Instrumentation Drawings (P&IDs)		DRAWING NUMBER	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/30/2016

Calculations (Continued):

5. Calculate the Annual ER for VOCs in tpy (ER_{VOC-tpy}).

Using fittings as an example:

$$ER_{\text{FittingsVOC-tpy}} = (ER_{\text{FittingsVOC-lb/hr}}) * (CF_{\text{hr-yr}}) * (OSF) / (CF_{\%-\text{DecEq}}) / (CF_{\text{lb-tons}})$$

$$= \left| \frac{3.61\text{E-}03 \text{ lb}}{\text{hr}} \right| \left| \frac{8,760 \text{ hr}}{\text{yr}} \right| \left| \frac{100 \%}{100 \%} \right| \left| \frac{1 \text{ DecEq}}{100 \%} \right| \left| \frac{1 \text{ t}}{2,000 \text{ lb}} \right| = 1.58\text{E-}02 \text{ tpy VOCs}$$

Equipment Type	VOC Max Hourly (lb/hr)	VOC Annual Average (tpy)
Fittings	3.61E-03	1.58E-02
Valves	1.15E-02	5.04E-02
Relief Valves to atm	2.87E-04	1.26E-03
Pump Seals	1.19E-03	5.21E-03
Other Components	6.60E-03	2.89E-02
TOTAL		1.02E-01

6. Calculate the ER for HAPs in tpy (ER_{RV-HAPtpy}) for the relief valve to atmosphere (this is in addition to the butane or propane sphere relief valves).

$$ER_{\text{RV-HAPtpy}} = (ER_{\text{RV-HAPlb/hr}}) * (CF_{\text{hr-yr}}) * (OSF) / (CF_{\%-\text{DecEq}}) / (CF_{\text{lb-ton}})$$

$$= \left| \frac{0.00\text{E+}00 \text{ lb}}{\text{hr}} \right| \left| \frac{8,760 \text{ hr}}{\text{yr}} \right| \left| \frac{100 \%}{100 \%} \right| \left| \frac{1 \text{ DecEq}}{100 \%} \right| \left| \frac{1 \text{ t}}{2,000 \text{ lb}} \right| = 0.00\text{E+}00 \text{ tpy HAPs}$$

7. Calculate the ER for HAPs in tpy (ER_{HAPtpy}) for fittings, valves, and other components.

Using fittings as an example:

$$ER_{\text{Fittings-HAPtpy}} = (ER_{\text{Fittings-VOCtpy}}) * (WT\%_{\text{HAP}}) / (CF_{\%-\text{DecEq}})$$

$$= \left| \frac{1.58\text{E-}02 \text{ ton}}{\text{year}} \right| \left| \frac{0 \text{ wt\%}}{100 \%} \right| \left| \frac{1 \text{ DecEq}}{100 \%} \right| = 0.00\text{E+}00 \text{ tpy HAPs}$$

Equipment Type	HAP Annual (tpy)
Fittings	N/C
Valves	N/C
Relief Valves to atm	N/C
Pump Seals	N/C
Other Components	N/C
TOTAL:	N/C

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylestown Station -- Existing Equipment Fugitive Emission Estimate			
BASED ON SPLP Process and Instrumentation Drawings (P&IDs)		DRAWING NUMBER	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/30/2016

Calculations (Continued):

8. Incorporate the contingency into Maximum Hourly and Annual Average VOC fugitives (TF_{VOCMax-Ann}).

Using Maximum Hourly as an example:

$$TF_{VOCMaxHrly-lb/hr} = (ER_{TOTAL-VOC-lb/hr}) * [(1) + (Cont\%) / (CF_{\%Dec Eq})]$$

$$= \left| \frac{2.32E-02 \text{ lb}}{\text{hr}} \right| 1 + \left| \frac{20 \%}{100 \%} \right| \frac{1 \text{ DecEq}}{100 \%} = 2.78E-02 \text{ lb VOCs/hr}$$

VOC Fugitive Emission Rate		
Type	ER	TF _{VOC}
Max Hourly (lb/hr)	0.02	0.03
Annual Average (tpy)	0.10	0.12

9. Incorporate the contingency into Maximum Hourly and Annual Average total HAP fugitives (TF_{HAPMaxHrly}).

Using Maximum Hourly as an example:

$$TF_{HAPMaxHrly-lb/hr} = (ER_{TOTAL-HAP-lb/hr}) * [(1) + (Cont\%) / (CF_{\%Dec Eq})]$$

$$= \left| \frac{0.00E+00 \text{ lb}}{\text{hr}} \right| 1 + \left| \frac{20 \%}{100 \%} \right| \frac{1 \text{ DecEq}}{100 \%} = 0.00E+00 \text{ lb HAPs/hr}$$

HAP Fugitive Emission Rate		
Type	ER	TF _{HAP}
Max Hourly (lb/hr)	N/C	N/C
Annual Average (tpy)	N/C	N/C

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT: Doylesburg Station -- Existing Equipment Product Analysis Specification			
BASED ON SPLP Product Analyses		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich		DATE 8/10/2016

Objective: Calculate Product Specifications for Butane, Propane, and Liquid Petroleum Gas (LPG) volatile organic compounds (VOCs) and hazardous air pollutants (HAPs).

Inputs and Assumptions:

- Composition of the Butane and Propane stream analyses are as provided by SPLP.
- Only the LPG stream will contain hazardous air pollutants (HAPs).
- VOCs for Butane and Propane Streams are hydrocarbon constituents that contain three or more carbon atoms in their molecular formula, that is, ethane is not a regulated VOC.
- Composition of the Butane Stream:
 - propane: 2 mole percent (mol%)
 - i-butane: 44 mol%
 - n-butane: 54 mol%
 - i-pentane: 1 mol%
- Composition of the Propane Stream:
 - ethane: 2 mol%
 - propane: 95 mol%
 - i-butane: 3.5 mol%
- Composition of the LPG Stream: LPG is not present at this station.
 - ethane: 0 mol%
 - propane: 0 mol%
 - i-butane: 0 mol%
 - n-butane: 0 mol%
 - i-pentane: 0 mol%
 - n-pentane: 0 mol%
 - n-hexane: 0 mol%
- Molecular Formula (MF) and Molecular Weight (MW)

Constituent	MF	MW	
ethane:	C ₂ H ₆	30.07	lb per lb-mole (lb/lb mol)
propane:	C ₃ H ₈	44.10	lb/lb mol
i-butane:	iC ₄ H ₁₀	58.12	lb/lb mol
n-butane:	nC ₄ H ₁₀	58.12	lb/lb mol
i-pentane:	iC ₅ H ₁₂	72.15	lb/lb mol
n-pentane:	nC ₅ H ₁₂	72.15	lb/lb mol
n-hexane:	nC ₆ H ₁₄	86.17	lb/lb mol

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT: Doylesburg Station -- Existing Equipment Product Analysis Specification			
BASED ON SPLP Product Analyses		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/10/2016

Calculations:

1. Determine the molar mass (MM) of each constituent in butane and propane stream.
Using the propane in Butane Stream as an example:

$$MM_{\text{propane/Butane}} = [(Mol\%_{\text{propane/Butane}}) / (CF_{\%-\text{DecEq}})] * (MW_{\text{propane}})$$

$$= \left[\frac{2\%}{100\%} \right] \left[\frac{44.10 \text{ lb}}{\text{lb-mol}} \right] = 0.88 \text{ lb/lb-mol}$$

Butane Stream			
Component	Mol%	MW (lb/lb-mol)	MM (lb/lb-mol)
propane	2	44.10	0.88
i-butane	44	58.12	25.57
n-butane	54	58.12	31.38
i-pentane	1	72.15	0.72
TOTAL:			58.55

Propane Stream			
Component	Mol%	MW (lb/lb-mol)	MM (lb/lb-mol)
ethane	2	30.07	0.60
propane	95	44.10	41.90
i-butane	3.5	58.12	2.03
TOTAL:			44.53

LPG Stream			
Component	Mol%	MW (lb/lb-mol)	MM (lb/lb-mol)
ethane	0.00	30.07	0.00
propane	0.00	44.1	0.00
i-butane	0.00	58.1	0.00
n-butane	0.00	58.1	0.00
i-pentane	0.00	72.2	0.00
n-pentane	0.00	72.2	0.00
n-hexane	0.00	86.1	0.00
TOTAL:			0.00

2. Calculate the weight percent (Wt%) of each component in butane and propane streams.
Using the propane in Butane Stream as an example:

$$Wt\%_{\text{propane/Butane}} = (MM_{\text{propane/Butane}}) / (MM_{\text{total}}) * (CF_{\%-\text{DecEq}})$$

$$= \left[\frac{0.88 \text{ lb}}{\text{lb-mol}} \right] \left[\frac{100 \text{ wt}\%}{58.55 \text{ lb}} \right] = 1.50 \text{ wt}\%$$

Butane Stream		
Component	MM (lb/lb-mol)	Wt%
propane	0.88	1.50
i-butane	25.57	43.67
n-butane	31.38	53.60
i-pentane	0.72	1.23
TOTAL:		58.55 100.00

Propane Stream		
Component	MM (lb/lb-mol)	Wt%
ethane	0.60	1.35
propane	41.90	94.09
i-butane	2.03	4.56
TOTAL:		44.53 100.00

LPG Stream		
Component	MM (lb/lb-mol)	Wt%
ethane	0.00	0
propane	0.00	0
i-butane	0.00	0
n-butane	0.00	0
i-pentane	0.00	0
n-pentane	0.00	0
n-hexane	0.00	0
TOTAL:		0.00 0.00

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT: Doylesburg Station -- Existing Equipment Product Analysis Specification			
BASED ON SPLP Product Analyses		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich		DATE 8/10/2016

Calculations (continued):

3. Calculate the VOC Wt% of in Butane and Propane Streams.

a. Butane Stream

$$\begin{aligned} \text{Wt\%}_{\text{ButaneVOC}} &= \sum \text{Wt\% for components with carbon atoms of } C_3 \text{ or higher} \\ &= (\text{Wt\%}_{\text{propane}}) + (\text{Wt\%}_{\text{i-butane}}) + (\text{Wt\%}_{\text{n-butane}}) + (\text{Wt\%}_{\text{i-pentane}}) \\ &= \parallel 1.50 + 43.67 + 53.60 + 1.23 \parallel \text{wt\%} = 100.00 \text{ wt\% VOC} \end{aligned}$$

b. Propane Stream

$$\begin{aligned} \text{Wt\%}_{\text{PropaneVOC}} &= \sum \text{Wt\% for components with carbon atoms of } C_3 \text{ or higher} \\ &= (\text{Wt\%}_{\text{propane}}) + (\text{Wt\%}_{\text{i-butane}}) \\ &= \parallel 94.09 + 4.56 \parallel \text{wt\%} = 98.65 \text{ wt\% VOC} \end{aligned}$$

c. LPG Stream

$$\begin{aligned} \text{Wt\%}_{\text{LPGVOC}} &= \sum \text{Wt\% for components with carbon atoms of } C_3 \text{ or higher} \\ &= (\text{Wt\%}_{\text{propane}}) + (\text{Wt\%}_{\text{i-butane}}) + (\text{Wt\%}_{\text{n-butane}}) + (\text{Wt\%}_{\text{i-pentane}}) + (\text{Wt\%}_{\text{n-pentane}}) + (\text{Wt\%}_{\text{n-hexane}}) \\ &= \parallel 0 + 0 + 0 + 0 + 0 + 0 \parallel \text{wt\%} = 0.00 \text{ wt\% VOC} \end{aligned}$$

$$\begin{aligned} \text{Wt\%}_{\text{LPGHAP}} &= \text{Wt\% of Hexane} \\ &= 0 \text{ wt\% HAP} \end{aligned}$$

Butane Stream		
Component	MM (lb/lb-mol)	Wt%
propane	0.88	1.50
i-butane	25.57	43.67
n-butane	31.38	53.60
i-pentane	0.72	1.23
TOTAL VOCs:		100.00

Propane Stream		
Component	MM (lb/lb-mol)	Wt%
ethane	0.60	N/A
propane	41.90	94.09
i-butane	2.03	4.56
TOTAL VOCs:		98.65

LPG Stream		
Component	MM (lb/lb-mol)	Wt%
ethane	0.00	0
propane	0.00	0
i-butane	0.00	0
n-butane	0.00	0
i-pentane	0.00	0
n-pentane	0.00	0
n-hexane	0.00	0
TOTAL VOCs:		0.00
TOTAL HAPs:		0

CLIENT: Sunoco Pipeline L.P. (SPLP)		JOB NUMBER: 112IC05958.20	
SUBJECT: Doylesburg Station -- Existing Equipment Combustion Source's Hazardous Air Pollutant (HAP) Emission Factor Estimate			
BASED ON: Emission Calculation Workbooks		DRAWING NUMBER: Not Applicable	
BY: VJPlachy	CHECKED BY: AMO'Bradovich	DATE:	8/10/2016

Objective: Develop emission factors for Hazardous Air Pollutants (HAPs) based on AP-42 Section 1.4, Tables 1.4-3 and 1.4-4, and Section 3.3 Table 3.3-2.

Inputs and Assumptions: AP-42; Section 1.4; Tables 1.4-3 and 1.4-4
Source: <http://www3.epa.gov/ttn/chief/ap42/ch01/final/c01s04.pdf>

AP-42, Section 1.4, Tables 1.4-3 and 1.4-4 Emission Factors for Speciated Organic Compounds from Natural Gas Combustion	
Individual HAP	Emission Factor (EF) (lb/MMscf)
2-Methylnaphthalene	2.40E-05
3-Methylchloranthrene	1.80E-06
7, 12-Dimethylbenz(a)anthracene	1.60E-05
Acenaphthene	1.80E-06
Acenaphthylene	1.80E-06
Anthracene	2.40E-06
Benz(a)anthracene	1.80E-06
Benzene	2.10E-03
Benzo(a)pyrene	1.20E-06
Benzo(b)fluoranthene	1.80E-06
Benzo(g,h,i)perylene	1.20E-06
Benzo(k)fluoranthene	1.80E-06
Chrysene	1.80E-06
Dibenzo(a,h)anthracene	1.20E-06
Dichlorobenzene	1.20E-03
Fluoranthene	3.00E-06
Fluorene	2.80E-06
Formaldehyde	7.50E-02
Hexane	1.80E+00
Indeno(1,2,3-cd)pyrene	1.80E-06
Naphthalene	6.10E-04
Phenanathrene	1.70E-05
Pyrene	5.00E-06
Toluene	3.40E-03
Arsenic	2.00E-04
Beryllium	1.20E-05
Cadmium	1.10E-03
Chromium	1.40E-03
Cobalt	8.40E-05
Manganese	3.80E-04
Mercury	2.60E-04
Nickel	2.10E-03
Selenium	2.40E-05
TOTAL (HAP _{individual-total}):	1.89E+00

Calculations: Total (HAP_{individual-total}) = Sum of the individual HAP constituents

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Conversion Factors, Physical Properties, and Abbreviations / Acronyms used in the emission estimate calculation workbooks.			
BASED ON SPLP Equipment Data / Specifications / Reference Material		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/10/2016

Objective: Consolidate the inputs of conversion factors, emission factors, acronyms, and abbreviations that are used throughout the emission estimations associated with potential emission sources for midstream operations.

Inputs and Assumptions:

1. Miscellaneous Conversion Factors (CF):

1 lb-mol = 379.5 scf

Basis: Ideal gas law conversion factor (CF_{ideal}):

1 mole of any ideal gas at standard conditions occupies a volume of 379.5 cubic feet (cf).

10,000 = ppm H₂S = 1 mole % H₂S = 627 grains H₂S per 100 scf

Source: AP-42 Chapter 5.3 Table 5.3.1; footnote d.

<https://www3.epa.gov/ttn/chief/ap42/ch05/final/c05s03.pdf>

2. CO₂e Global Warming Potential EFs (EF_{GWP})

CO ₂	CH ₄	N ₂ O
1	25	298

CO₂e emission rates use the following carbon equivalence factors: 25 for CH₄ and 298 for N₂O from 40 CFR Part 98, Subpart A, Table A-1.

http://www.ecfr.gov/cgi-bin/text-idx?SID=7cd55ec5ecd5f06bf94c50d3452a94c3&mc=true&node=pt40.21.98&rqn=div5%20-%20ap40.21.98_19.1#ap40.21.98_19.1

3. Flare Emission Factors (EFs)

NO _x ^a	CO ^a	VOC ^a	PM/PM ₁₀ /PM _{2.5} ^b	SO _x ^c	HAPs	CO ₂		CH ₄ ^e	N ₂ O ^e
						butane ^d	propane ^d		
(lb/MMBtu)			(ppmw)		(kg/MMBtu)				
0.068	0.31	0.57	0	30	TBD	64.77	62.87	0.003	0.0006

Footnotes:

a. NO_x, CO, PM, and VOC emission factor (EF) source is AP-42; Chapter 13.5 for Industrial Flares, Table 13.5-1 and 13.5-2, dated: April 2015.

PM emissions are assumed to be negligible because the enclosed flare is considered to be 100% smokeless.

https://www3.epa.gov/ttn/chief/ap42/ch13/final/C13S05_4-20-15.pdf

b. PM emission factor based on AP-42; Chapter 13.5 for Industrial Flares April 2015 found in Table 6-4 for heavily smoking flares in the site below. The emission factor is based on the LHV.

https://www3.epa.gov/ttnchie1/efpac/protocol/Emission_Estimation_Protocol_for_Petroleum_Refinerie_052011.pdf

c. Provided by SPLP

d. Gas heat content (Btu/scf) for butane and propane (kg/MMBtu) is based on the higher heating values (HHV) presented in 40 CFR Part 98 Subpart C, Table C-1.

e. CH₄ and N₂O emission factors (kg/MMBtu) are based on the default emission factors presented in 40 CFR Part 98 Subpart C, Table C-2 for "Petroleum (All fuel types in Table C-1)."

http://www.ecfr.gov/cgi-bin/text-idx?SID=7cd55ec5ecd5f06bf94c50d3452a94c3&mc=true&node=pt40.21.98&rqn=div5%20-%20ap40.21.98_19.1%20-%20ap40.21.98_138.1%20-%20ap40.21.98_138.1

NOTES:

AP-42 VOC EF is only applicable to emission estimates for VOCs from the pilot gas, that is, VOC emissions from the captured gas that are sent to the flare from GC, Pumps, and RV emissions are based on the flare's DRE.

CLIENT Sunoco Pipeline L.P. (SPLP)		JOB NUMBER 112IC05958.20	
SUBJECT Doylesburg Station -- Existing Equipment Conversion Factors, Physical Properties, and Abbreviations / Acronyms used in the emission estimate calculation workbooks.			
BASED ON SPLP Equipment Data / Specifications / Reference Material		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich	DATE	8/10/2016

Inputs and Assumptions (Continued):

4. Sources of standard operating scenario emission to the flare can include: GC(s), Pump Seal(s), and/or Relief Valves that are connected to the flare header.

5. Sources of maintenances emission to the flare can include evaluation of the following equipment: filter(s), pig launcher(s), pig receiver(s), and/or prover(s).

6. Physical Properties:

Source: <http://www.lenntech.com/calculators/molecular/molecular-weight-calculator.htm>

i-butane = n-C ₄ H ₁₀	= 58.12 lb/lb mol (g/g mol)	
n-butane = i-C ₄ H ₁₀	= 58.12 lb/lb mol (g/g mol)	
carbon = C	= 12.01 lb/lb mol (g/g mol)	
carbon monoxide = CO	= 28.01 lb/lb mol (g/g mol)	Calculated
ethane = C ₂ H ₆	= 30.07 lb/lb mol (g/g mol)	
methane = CH ₄	= 16.04 lb/lb mol (g/g mol)	
n-hexane = C ₆ H ₁₄	= 86.17 lb/lb mol (g/g mol)	
hydrogen = H	= 1.01 lb/lb mol (g/g mol)	
nitrogen = N	= 14.01 lb/lb mol (g/g mol)	
nitrogen dioxide = N ₂ O	= 44.02 lb/lb mol (g/g mol)	Calculated
oxygen = O	= 16.00 lb/lb mol (g/g mol)	
i-pentane = i-C ₅ H ₁₂	= 72.15 lb/lb mol (g/g mol)	
n-pentane = n-C ₅ H ₁₂	= 72.15 lb/lb mol (g/g mol)	
propane = C ₃ H ₈	= 44.10 lb/lb mol (g/g mol)	
sulfur = S	= 32.07 lb/lb mol (g/g mol)	
sulfur dioxide = SO ₂	= 64.07 lb/lb mol (g/g mol)	Calculated

7. Higher heating value (HHV) and lower heating value (LHV):

a. propane

HHV_{propane} = 2,516 Btu/scf

Source: http://www.altenergy.com/downloads/pdf_public/propdatapdf.pdf

LHV_{propane} = 2,315 Btu/scf

Source: GPA 2145-09 <http://www.elmiraohio.com/Gasifier%20Docs/GPA%20std%202145.pdf>
= 19,567 Btu/lb

Source: The density of propane at atmospheric conditions taken from the National Institute of Standards and Technology website of isothermal properties for propane.

<http://webbook.nist.gov/cgi/fluid.cgi?ID=C74986&TUnit=F&PUnit=atm&DUnit=lbm%2Fft3&HUnit=Btu%2Flbm&WUnit=ft%2Fs&VisUnit=cP&STUnit=lb%2Fft&Type=IsoTherm&RefState=DEF&Action=Page>

b. butane

HHV_{butane} = 0.103 MMBtu/gal default HHV

40 CFR Part 98 Subpart C, Table C-1 value used with the Volume of butane vapor/gallon @ 60°F.

Source: http://www.ecfr.gov/cgi-bin/text-idx?SID=9da8a4fcd9db970a85466ea8928596cb&mc=true&node=sp40.21.98.c&rgn=div6#ap40.21.98_138.1

Vol_{butane} = 31.75 scf/gal at 60°F

Source: <http://www.aeropres.com/files/physical%20properties.pdf>

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Inputs and Assumptions (Continued):

7. b. Higher heating value (HHV) and lower heating value (LHV):

$$\text{HHV}_{\text{butane}} = 3,244 \text{ Btu/scf} \quad \begin{array}{|c|c|c|c|} \hline 0.103 \text{ MMBtu} & \text{gal} & 1\text{E}+06 \text{ Btu} & \\ \hline \text{gal} & 31.75 \text{ scf} & 1 \text{ MMBtu} & \\ \hline \end{array}$$

$$= 21,221 \text{ Btu/lb}$$

Source: http://www.altenergy.com/downloads/pdf_public/propdatapdf.pdf

$$\text{LHV}_{\text{butane}} = 3,011 \text{ Btu/scf}$$

Source: GPA 2145-09 <http://www.elmiraohio.com/Gasifier%20Docs/GPA%20std%202145.pdf>

$$= 18,998 \text{ Btu/lb}$$

Source: The density of butane at atmospheric conditions taken from the National Institute of Standards and Technology website of isothermal properties for butane.

http://webbook.nist.gov/cgi/fluid.cgi?ID=C106978&TUnit=F&PUnit=atm&DUnit=lbm%2Fft3&HUnit=Btu%2Flbm&WUnit=ft%2Fs&VisUnit=lbm%2Fft*s&STUnit=lb%2Fft&Type=IsoTherm&RefState=DEF&Action=Page

8. Conversion factors (CF):

Source:

1 bhp	=	0.746 kW	http://www.convertunits.com/from/horsepower/to/kilowatt
1 °F	=	460.67 °R	http://www.convertunits.com/from/Fahrenheit/to/Rankine
1 atm	=	14.7 psi	http://www.convertunits.com/from/atm/to/psi
1 day	=	24 hours	http://www.convertunits.com/from/day/to/hour
1 wt%	=	1E+04 ppmw	http://www.rapidtables.com/convert/number/PPM_to_Percent.htm
1 DecEq	=	100 %	http://www.calculatorsoup.com/calculators/math/percent-to-decimal-calculator.php
1 g	=	0.002205 lb	http://www.convertunits.com/from/grams/to/pounds
1 grain	=	0.000143 lb	http://www.convert-me.com/en/convert/weight/grain.html
1 hp-hr	=	7,000 Btu	Source: AP-42, Table 3.3-1; footnote a.
1 hr	=	60 minutes	http://www.convertunits.com/from/hours/to/minutes
1 kg	=	1,000 g	http://www.convertunits.com/from/kilograms/to/grams
1 kg/m ³	=	0.008345 lb/gal	http://convert-to.com/conversion/density/convert-kg-per-m3-to-lb-per-gal.html
1 lb	=	453.6 g	http://www.convertunits.com/from/pounds/to/grams
1 lb	=	0.4536 kg	http://www.convertunits.com/from/pounds/to/kilograms
1 lb	=	8.34 gal@60°F	http://www.engineeringtoolbox.com/water-density-specific-weight-d_595.html
1 MMBtu	=	1E+06 Btu	http://www.convertunits.com/from/million+British+thermal+unit/to/British+thermal+unit
1 MMscf	=	1E+06 scf	http://www.convertunits.com/from/million+cubic+feet/to/cubic+feet
1 pascal	=	0.000010 atm	http://www.convertunits.com/from/pascal/to/atmosphere+[standard]
1 ppmw	=	0.0001 wt%	http://www.rapidtables.com/convert/number/PPM_to_Percent.htm
1 ft ³ / scf	=	28,317 cc	http://www.convertunits.com/from/cubic+feet/to/cubic+centimeters
1 ton	=	2,000 lb	http://www.convertunits.com/from/ton+[short,+US]/to/pounds
1 yr	=	8,760 hrs	Calculated: (24 hours/day) * (365 days/year)

9. Abbreviations / Acronyms

- % = percent
- Ann = annual
- AOH = annual operating hours
- cc = cubic centimeter
- CF = conversion factor
- CH₄ = methane

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BY VJPlachy	CHECKED BY AMO'Bradovich		DATE 8/10/2016

Inputs and Assumptions (Continued):

9. Abbreviations / Acronyms (Continued)

- CO = carbon monoxide
- CO₂e = carbon dioxide equivalent
- dec = decimal
- DecEq = Decimal Equivalent
- EC = equipment count
- EF = emission factor
- eq = equivalent
- ER = Emission Rate
- FR = flow rate
- ft = feet
- ft³ = cubic feet
- g = gram
- GC = gas chromatograph
- HAP = hazardous air pollutant
- HHV = higher heating value
- hr = hour
- kg = kilogram
- kg/MMBtu = kilograms per million British thermal units
- lb = pound
- lb/MMBtu = pounds per million British thermal units
- lb/MMscf = pounds per million standard cubic feet
- lb/scf = pounds per standard cubic feet
- lb-mol = pound mole
- LPG = liquid petroleum gas
- LHV = lower heating value
- Max Daily = maximum daily
- Max Hourly = maximum hourly
- MM = molar mass
- mol = mole
- MW = molecular weight
- n = moles
- N/A = Pollutant is Not Applicable to this source
- N/A E = This equipment is not applicable to this station
- N/C = Not Calculated
- N₂O = nitrogen dioxide
- NOx = oxides of nitrogen
- OSF = operating service factor
- P = pressure
- PM = particulate matter
- PM₁₀ = particles with an aerodynamic diameter less than or equal to 10 micrometers
- PM_{2.5} = particles with an aerodynamic diameter less than or equal to 2.5 micrometers
- ppmw = parts per million by weight
- propane = C₃H₈
- psi = pounds per square inch

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BASED ON SPLP Equipment Data / Specifications / Reference Material		DRAWING NUMBER Not Applicable	
BY VJPlachy	CHECKED BY AMO'Bradovich		DATE 8/10/2016

Inputs and Assumptions (Continued):

9. Abbreviations / Acronyms (Continued)

- psia = pounds per square inch absolute
- psig = pounds per square inch gauge
- R_{specific} = Ideal gas law constant specific to units
- RV = relief valve
- S = sulfur
- scf = standard cubic feet
- SG_O = specific gravity of the oil
- SO₂ = sulfur dioxide
- SO_x = oxides of sulfur
- T = temperature
- t = ton
- TBD = To Be Determined
- TF = Total Fugitives
- tpy = tons per year
- USEPA = United States Environmental Protection Agency
- V = volume
- VS = valve seat
- VOC = volatile organic compound
- wt = weight
- yr = year

Appendix B, Attachment 2: Aggregation Language

The purpose of this document is to supply supplemental information regarding the aggregation text for the Sunoco Pipeline L.P. (SPLP) Request for Determination (RFD) submittals to the Pennsylvania Department of Environmental Protection (PADEP) South Central Regional Office (SCRO) associated with the Mariner East (ME) Project (the Project).

SPLP understands that Pennsylvania is considered a “moderate” ozone nonattainment area for oxides of nitrogen (NO_x) and volatile organic compounds (VOCs) because Pennsylvania is a jurisdiction in the Ozone Transport Region (Section 184 of the Clean Air Act). Therefore, an aggregation determination under New Source Review (NSR) would be determined on a case-by-case basis using the two-part test that considers whether the air contamination source or combination of sources are located on one or more contiguous or adjacent properties and whether the sources are owned or operated by the same person under common control. This case-by-case single source determination would apply to all sources irrespective of their separate status as “minor” or “major” air contamination sources. PADEP and the Pennsylvania Environmental Hearing Board have made clear that the terms “contiguous” and “adjacent” should be given their plain meaning. To that end, PADEP’s guidance document has developed a “common sense” approach to determine if sources are located on adjacent or contiguous properties and considers sources located within a quarter-mile distance to be considered contiguous or adjacent (PADEP, 2012). Sources greater than a quarter-mile may be considered contiguous or adjacent on a case-by-case basis. Interdependence may be a factor in conducting a single source determination. That said, the plain meaning of the terms “contiguous” and “adjacent,” and not interdependence, should be the dispositive factor in determining whether stationary sources are located on contiguous or adjacent properties.

To determine if the under common control test is met, ownership of each of the operations is just one aspect in determining if the facilities are under common control. If a contract for service relationship exists between the two companies and/or if a support/dependency relationship exists, then this would constitute indirect control. United States Environmental Protection Agency (USEPA) has historically interpreted that an evaluation of common control must consider whether the facilities are functionally interrelated or interdependent of each other. As discussed in the Federal Register (USEPA, 2009), USEPA states that “To be ‘substantially related,’ there should be an apparent interconnection—either technically or economically—between the physical and/or operational changes, or a complementary relationship whereby a change at a plant may exist and operate independently, however its benefit is significantly reduced without the other activity.”

DOYLESBURG PUMP STATION

In determining whether the Doylesburg Pump Station’s emissions should be aggregated with any another sources for the purpose of evaluating the applicability of the nonattainment NSR and Title V programs, initially one location was identified: the Shade Valley Road/Highway 35 Block Valve. Per the PADEP SCRO’s request, SPLP reviewed the area within 5.0 miles of the Doylesburg Pump Station; no additional facilities for aggregation consideration were found during this review.

Shade Valley Road/Highway 35 Block Valve

With this supplemental aggregation discussion, the distance between the Doylesburg Pump Station and the Shade Valley Road/Highway 35 Block Valve is being updated to approximately 7.6 miles rather than the 7.5 miles presented in the Request for Determination (RFD) and referenced in the State Only Operating Permit (SOOP) application. This updated distance is based upon the finalized Process Flow Diagram (PFD) mile markers. The 7.6 mile distance between the Doylesburg Pump Station and the Shade Valley Road/Highway 35 Block Valve exceeds the ¼ mile rule of thumb in the PADEP guidance document (PADEP, 2012) and the 5.0 mile evaluation distance requested by the PADEP SCRO. However, it is being evaluated because it is the closet location to the Doylesburg Pump Station that is owned by SPLP.

Furthermore, aggregation would not be appropriate because the two sites should not otherwise be considered “adjacent” or “contiguous” due to the lack of any interdependence between the Shade Valley Road/Highway 35 Block Valve and the Doylesburg Pump Station. The Shade Valley Road/Highway 35 Block Valve is an independently operated valve for isolating a section of pipeline for safety, environmental, or maintenance purposes, whereas the purpose of the Doylesburg Pump Station is to maintain pipeline system pressure during the transportation of natural gas liquids (NGLs). Neither location is dependent upon the other to properly function. In fact, both locations could fully function even if the other is nonfunctional.

In short, the Doylesburg Pump Station’s emissions should not be aggregated with those from the Shade Valley Road/Highway 35 Block Valve because the two locations are not interdependent of each other and are not in close proximity of each other, and therefore are neither “contiguous” nor “adjacent” for the purposes of aggregating air emissions.

REFERENCES:

Pennsylvania Department of Environmental Protection (PADEP), 2012. Guidance for Performing Single Stationary Source Determinations for Oil and Gas Industries. Document No.: 270-0810-006, October 6, 2012.

United States Environmental Protection Agency (USEPA), 2009. Title 40 Code of Federal Regulations Parts 51 and 52, Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NSR): Aggregation and Project Netting. Federal Register Volume 74, No. 10, January 15, 2009, pages 2376-2383.

Weaver, William

From: WERNER, JED A <JAWERNER@sunocologistics.com>
Sent: Friday, March 10, 2017 1:51 PM
To: Weaver, William
Subject: Mariner East facilities
Attachments: MARINER EAST I EQUIPMENT LIST.pdf

Mr. Weaver,

Attached is a list of all the sources installed at each Pump Station as part of the Mariner East project.

In the Southcentral Region Pump Stations there are the following pigging sources:

Hollidaysburg

- One (1) Pig Launcher – 8 inch
- One (1) Pig Receiver – 8 inch

Mt. Union

- One (1) Pig Launcher – 8 inch
- One (1) Pig Receiver – 8 inch

Middletown

- One (1) Pig Launcher – 8 inch
- One (1) Pig Receiver – 8 inch

Beckersville

- One (1) Pig Launcher – 8 inch
- One (1) Pig Receiver – 8 inch

Please let me know if you have any questions

Jed A. Werner
Manager - Environmental Compliance and Projects
525 Fritztown Road
Sinking Spring, PA 19608
p-610-670-3297
c-610-858-0802
f-866-599-4936

EVERY day, is a good day!

MARINER EAST I: STATION EQUIPMENT

Southwest Region

Delmont Station

- One (1) Mainline Pump – 1,500 horsepower (hp)
- One (1) Filter – 31.94 ft³
- One (1) Pig Launcher – 8 in
- One (1) Pig Receiver – 12 in
- One (1) Propane Storage Tank – 60,000 gallons
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Hose – 2 in diameter, 18 feet long
- One (1) Basket Strainer – 0.34 ft³
- One (1) Basket Strainer – 1.27 ft³
- One (1) Prover – 5.35 ft³
- One (1) Enclosed Flare – 10 million British thermal units per hour (MMBtu/hr)

Blairsville Station

- One (1) Mainline Pump – 1,500 hp
- One (1) Filter – 31.94 ft³
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Ebensburg Station

- One (1) Mainline Pump – 1,750 hp
- One (1) Filter – 31.94 ft³
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Cramer Station

- One (1) Mainline Pump – 1,750 hp
- One (1) Filter – 31.94 ft³
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

South Central Region**Hollidaysburg Station**

- One (1) Mainline Pump – 1,500 hp
- One (1) Filter – 31.94 ft³
- One (1) Prover – 31.42 ft³
- One (1) Pig Launcher – 8 in
- One (1) Pig Receiver – 8 in
- One (1) Coriolis Meter
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Marklesburg Station

- One (1) Mainline Pump – 1,250 hp
- One (1) Filter – 31.94 ft³
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Mt. Union Station

- One (1) Mainline Pump – 1,500 hp
- One (1) Filter – 31.94 ft³
- One (1) Pig Launcher – 8 in
- One (1) Pig Receiver – 8 in
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Doylesburg Station

- One (1) Mainline Pump – 1,500 hp
- One (1) Filter – 31.94 ft³
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Mechanicsburg Station

- One (1) Mainline Pump – 1,750 hp
- One (1) Filter – 31.94 ft³

Plainfield Station

- One (1) Mainline Pump – 1,750 hp
- One (1) Filter – 31.94 ft³
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Middletown Station

- One (1) Mainline Pump – 1,500 hp
- One (1) Filter – 31.94 ft³
- One (1) Prover – 31.42 ft³

- One (1) Pig Launcher – 8 in
- One (1) Pig Receiver – 8 in
- One (1) Coriolis Meter
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Cornwall Station

- One (1) Mainline Pump – 1,500 hp
- One (1) Filter – 31.94 ft³
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Blainsport Station

- One (1) Mainline Pump – 1,750 hp
- One (1) Filter – 31.94 ft³
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Beckersville Station

- One (1) Mainline Pump – 1,750 hp
- One (1) Filter – 31.94 ft³
- One (1) Gas Chromatograph
- One (1) Pig Launcher – 8 in
- One (1) Pig Receiver – 8 in
- One (1) Propane Pilot Gas Tank – 500 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Southeast Region**Eagle Station**

- One (1) Mainline Pump – 1,000 hp
- One (1) Filter – 31.94 ft³
- One (1) Propane Pilot Gas Tank – 1,000 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Boot Station

- One (1) Mainline Pump – 1,750 hp
- One (1) Filter – 31.94 ft³
- One (1) Propane Pilot Gas Tank – 1,000 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Twin Oaks Station

- One (1) Filter – 31.94 ft³
- One (1) Prover – 31.42 ft³
- One (1) Pig Launcher – 12 in
- One (1) Pig Receiver – 8 in
- One (1) Coriolis Meter
- One (1) Propane Pilot Gas Tank – 1,000 gallons
- One (1) Enclosed Flare – 10 MMBtu/hr

Hartline, Darrell

From: SION, LAUREN N <LAUREN.SION@energytransfer.com>
Sent: Wednesday, August 09, 2017 10:42 AM
To: Hartline, Darrell
Subject: RE: Air Quality Permit Responsible Officials

Yes- Mark Martin should also be the Responsible Official there if you do not already have that information.

Thanke,

Lauren Sion
Energy Transfer Partners
Office: (412) 784-3474
Cell: (313) 706-9455

From: Hartline, Darrell [mailto:dahartline@pa.gov]
Sent: Wednesday, August 09, 2017 10:41 AM
To: SION, LAUREN N <LAUREN.SION@energytransfer.com>
Subject: RE: Air Quality Permit Responsible Officials

Thanks Lauren. Will you be the Permit Contact Person for Cornwall?

Thanks,
Darrell Hartline

From: SION, LAUREN N [mailto:LAUREN.SION@energytransfer.com]
Sent: Wednesday, August 09, 2017 10:14 AM
To: Hartline, Darrell <dahartline@pa.gov>
Subject: RE: Air Quality Permit Responsible Officials

Darrell-

I will be the permit contact for all of these facilities:

Lauren Sion
Environmental Specialist
(412) 784-3474

The Responsible Official for Beckersville, Blainsport, and Middletown is Mark Martin:

Mark A. Martin
Operations Supervisor
(610) 670-3278

The Responsible Official for Doylesburg and Mt. Union is Jim Tidd:

James W. Tidd
Operations Supervisor
(724) 630-2462

Please let me know if you need any more information.

Thank you,

Lauren Sion
Energy Transfer Partners
Office: (412) 784-3474
Cell: (313) 706-9455

From: WERNER, JED A
Sent: Wednesday, August 09, 2017 9:46 AM
To: SION, LAUREN N <LAUREN.SION@energytransfer.com>
Cc: O'TOOLE, RONALD J <RONALD.OTOOLE@energytransfer.com>
Subject: Fwd: Air Quality Permit Responsible Officials

Lauren

Can you please provide this information to Darrell

Thanks

Jed

Sent from my iPhone

Begin forwarded message:

From: "Hartline, Darrell" <dahartline@pa.gov>
Date: August 9, 2017 at 9:40:49 AM EDT
To: "WERNER, JED A" <JED.WERNER@energytransfer.com>
Subject: Air Quality Permit Responsible Officials

Jed,

Are the Responsible Officials or Permit Contact Person for Doylesburg, Middletown, Mt. Union, Beckersville and Blainsport going to change? If so, please provide their name, job title and telephone number.

Thanks,
Darrell Hartline



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date:

Effective Date:

Expiration Date:

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 50-03006

Federal Tax Id - Plant Code: 23-3102656-16

Owner Information
Name: SUNOCO PIPELINE LP Mailing Address: 525 FRITZTOWN RD SINKING SPRING, PA 19608-1509

Plant Information
Plant: SUNOCO PIPELINE LP/DOYLESBURG Location: 50 Perry County 50926 Toboyne Township SIC Code: 4619 Trans. & Utilities - Pipelines, Nec

Responsible Official
Name: JAMES W. TIDD Title: OPERATIONS SUPERVISOR Phone (724) 830 - 2462

Permit Contact Person
Name: LAUREN SION Title: ENVIRONMENTAL SPECIALIST Phone: (412) 784 - 3474

[Signature] _____ WILLIAMR. WEAVER, SOUTHCENTRAL REGION AIR PROGRAM MANAGER
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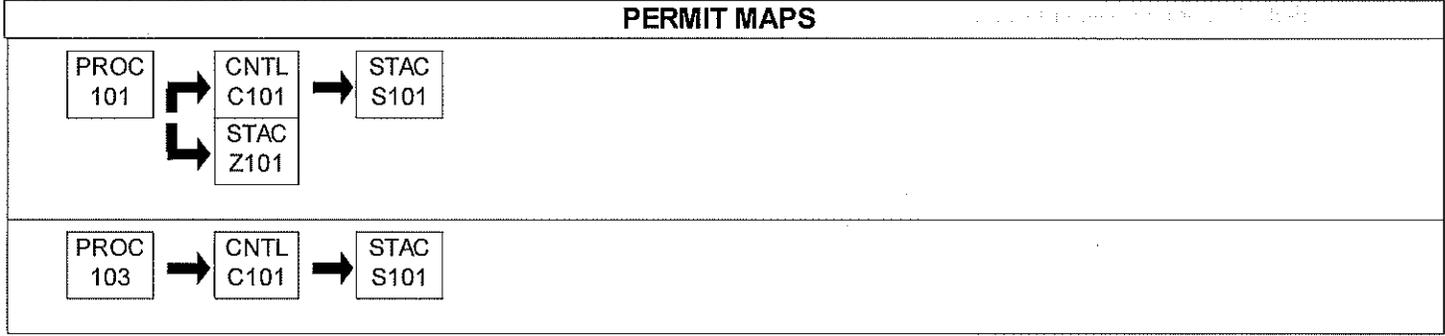
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SECTION B. General State Only Requirements**#001 [25 Pa. Code § 121.1]****Definitions.**

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]**Operating Permit Duration.**

(a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.

(b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)&(c)]**Permit Renewal.**

(a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.

(b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

(c) The permittee shall submit with the renewal application a fee for the processing of the application and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).

(1) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

(d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.

(e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).

(f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]**Operating Permit Fees under Subchapter I.**

(a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):

(1) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

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modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]**Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]**Inspection and Entry.**

(a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.441 & 127.444]**Compliance Requirements.**

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes

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a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.441]**Need to Halt or Reduce Activity Not a Defense.**

It shall not be a defense for the permittee in an enforcement action that it was necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

#009 [25 Pa. Code §§ 127.442(a) & 127.461]**Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]**Revising an Operating Permit for Cause.**

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450 & 127.462]**Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and

**SECTION B. General State Only Requirements**

significant operating permit modifications, under this permit, as outlined below:

(b) **Administrative Amendments.** The permittee shall make administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) **Minor Operating Permit Modifications.** The permittee shall make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

#012 [25 Pa. Code § 127.441]**Severability Clause.**

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#013 [25 Pa. Code § 127.449]**De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

(b) The Department may disapprove or condition de minimis emission increases at any time.

(c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

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- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
- (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
- (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
- (4) Space heaters which heat by direct heat transfer.
- (5) Laboratory equipment used exclusively for chemical or physical analysis.
- (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
- (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
- (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#014 [25 Pa. Code § 127.3]**Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

#015 [25 Pa. Code § 127.11]**Reactivation**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#016 [25 Pa. Code § 127.36]**Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]**Circumvention.**

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]**Reporting Requirements.**

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

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records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

#019 [25 Pa. Code §§ 127.441(c) & 135.5]**Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]**Recordkeeping.**

(a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

#021 [25 Pa. Code § 127.441(a)]**Property Rights.**

This permit does not convey any property rights of any sort, or any exclusive privileges.

#022 [25 Pa. Code § 127.447]**Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

002 [25 Pa. Code §123.1]**Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:

- (a) construction or demolition of buildings or structures;
- (b) grading, paving and maintenance of roads and streets;
- (c) use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets;
- (d) clearing of land;
- (e) stockpiling of materials;
- (f) open burning operations, as specified in 25 Pa. Code § 129.14;
- (g) blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
- (h) coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations); and
- (i) sources and classes of sources other than those identified in (a)-(h), above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) the emissions are of minor significance with respect to causing air pollution; and
 - (2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

003 [25 Pa. Code §123.2]**Fugitive particulate matter**

The permittee shall not allow the emission of fugitive particulate matter into the outdoor atmosphere from a source specified in Section C, Condition #002, if the emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]**Limitations**

The permittee shall not allow the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

005 [25 Pa. Code §123.41]**Limitations**

The permittee shall not allow the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (a) Equal to or greater than 20% for a period or periods aggregating more than three (3) minutes in any one hour.
- (b) Equal to or greater than 60% at any time.

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §123.42]****Exceptions**

The emission limitation of 25 Pa. Code Section 123.41, shall not apply when:

- (a) The presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) The emission results from sources specified in Section C, Condition #002, subsections (a) - (i).

007 [25 Pa. Code §129.14]**Open burning operations**

(a) The permittee shall not conduct open burning of materials in such a manner that:

- (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.
- (2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.
- (3) The emissions interfere with the reasonable enjoyment of life and property.
- (4) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
- (5) The emissions cause damage to vegetation or property.
- (6) The emissions are or may be deleterious to human or animal health.

(b) Exceptions. The requirements of Subsection (a) do not apply where the open burning operations result from:

- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public official.
- (2) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (4) A fire set solely for recreational or ceremonial purposes.
- (5) A fire set solely for cooking food.

(c) This permit does not constitute authorization to burn solid waste pursuant to section 610 (3) of the Solid Waste Management Act 35 P.S. Section 6018.610 (3), or any other provision of the Solid Waste Management Act.

II. TESTING REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A, of this Permit, may be in excess of the limitations specified, in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

**SECTION C. Site Level Requirements**

(b). Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.**# 009 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements.
- (b) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any device(s) approved by the Department.

010 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall monitor the facility weekly for the following:

- (1) odors which may be objectionable (as per 25 Pa. Code §123.31);
- (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
- (3) fugitive emissions (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive emissions, and visible emissions that are caused or may be caused by operations at the site shall:

- (1) be investigated;
 - (2) be reported to the facility management, or individual(s) designated by the permittee;
 - (3) have appropriate corrective action taken (for emissions that originate on-site); and
 - (4) be recorded in a permanent written log.
 - (5) for any observed problems, a first attempt at equipment repair must be made within 15 days of discovery, and DEP must be notified if the final repair is not completed in 30 days.
- (c) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(d) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification, complaints, monitoring results, and/or Department findings.

011 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall calculate the total emissions of VOCs for the entire facility on a 12-month rolling sum basis.

IV. RECORDKEEPING REQUIREMENTS.**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) date, time, and location of the incident(s);
- (b) the cause of the event; and
- (c) the corrective action taken, if necessary, to abate the situation and prevent future occurrences.

013 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall compile and record the total emissions of VOCs for the entire facility on a 12-month rolling sum basis.

SECTION C. Site Level Requirements**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of all the facility's increases of emissions from the following categories:

- (a). De minimus increases without notification to the Department.
- (b). De minimus increases with notification to the Department, via letter.
- (c). Increases resulting from a Request for Determination (RFD) to the Department.
- (d). Increases resulting from the issuance of a plan approval and subsequent operating permit.

V. REPORTING REQUIREMENTS.**# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall report malfunctions to the Department which result in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or regulation contained in 25 Pa. Code Article III. Malfunctions shall be reported as follows:

- (a) Any malfunction which poses an imminent danger to the public health, safety, welfare, and environment, shall be immediately reported to the Department by telephone. The telephone report of such malfunctions shall occur no later than two (2) hours after the incident. The permittee shall submit a written report of instances of such malfunctions to the Department within three (3) days of the telephone report.
- (b) Unless otherwise required by this permit, any other malfunction that is not subject to the reporting requirement of subsection (a) above, shall be reported to the Department, in writing, within five (5) days of malfunction discovery.
- (c) Telephone reports can be made to the Air Quality Program at (717) 705-4702 during normal business hours or to the Department's Emergency Hotline (866) 825-0208 at any time.
- (d) Written reports of malfunctions shall describe, at a minimum, the following:
 - (1). The malfunction(s).
 - (2). The emission(s).
 - (3). The duration.
 - (4). Any corrective action taken.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR Part 68.]

- (a). If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 C.F.R. Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).
- (b). The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 C.F.R. Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 C.F.R. § 68.130 is present in a process in more than the threshold quantity at a facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:
 - (1). The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
 - (i). Three years after the date on which a regulated substance is first listed under 40 C.F.R. § 68.130; or,
 - (ii). The date on which a regulated substance is first present above a threshold quantity in a process.
 - (2). The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 C.F.R. § 68.190.
 - (3). The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 C.F.R. Part 68, including a checklist addressing the required elements of a complete RMP.

SECTION C. Site Level Requirements

(c). As used in this permit condition, the term "process" shall be as defined in 40 C.F.R. § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d). If this facility is subject to 40 C.F.R. Part 68, as part of the certification required under this permit, the permittee shall:

- (1). Submit a compliance schedule for satisfying the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. § 68.10(a); or,
- (2). Certify that this facility is in compliance with all requirements of 40 C.F.R. Part 68 including the registration and submission of the RMP.

(e). If this facility is subject to 40 C.F.R. Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 C.F.R. § 68.200.

(f). When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 C.F.R. Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 C.F.R. Part 68.

017 [25 Pa. Code §135.3]**Reporting**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

If the permittee has been previously advised by the Department to submit a source report, the permittee shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from all previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported, including those sources listed in the Miscellaneous Section of this permit.

The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.**# 018 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne from any source specified in Section C, Condition #002(a)-(i). These actions shall include, but are not limited to, the following:

(a) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.

(b) Application of asphalt, oil, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces, which may give rise to airborne dusts.

(c) Paving and maintenance of roadways.

(d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

019 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A, of this permit, is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

SECTION C. Site Level Requirements**# 020 [25 Pa. Code §127.444]****Compliance requirements.**

The permittee shall operate and maintain all sources and any air cleaning devices identified in this operating permit in accordance with the manufacturers' recommendations/specifications, as well as in a manner consistent with good operating practices.

VII. ADDITIONAL REQUIREMENTS.**# 021 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Nothing herein shall be construed to supersede, amend, or authorize violation of the provisions of any valid and applicable local law, ordinance, or regulation, or any court order, provided that said local law, ordinance, or regulation, or court order is not preempted by the Air Pollution Control Act, Act of January 8, 1960, P.L. 2119 (1959), as amended, 35 P.S. §4001 et seq., and the rules and regulations promulgated thereunder. It is the applicant's responsibility, separate and apart from the application process, to obtain any authorizations, permits, approvals, or licenses that the applicant might need in order to perform the construction permitted by this plan approval, including access, ownership, or lease of the subject parcel or parcels of property. The Department incurs no enforcement obligations with respect to this condition.

022 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The potential fugitive plus stack emissions from this facility, after appropriate control as prescribed in this permit, have been estimated as follows: 0.06 tpy of NOx, 0.24 tpy of CO, 0.76 tpy of VOCs, 0.01 tpy of Methane and 108 tpy of GHGs. The Department has determined these emissions remaining after appropriate control are of minor significance with regard to causing air pollution, and will not prevent or interfere with the attainment or maintenance of an ambient air quality standard.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

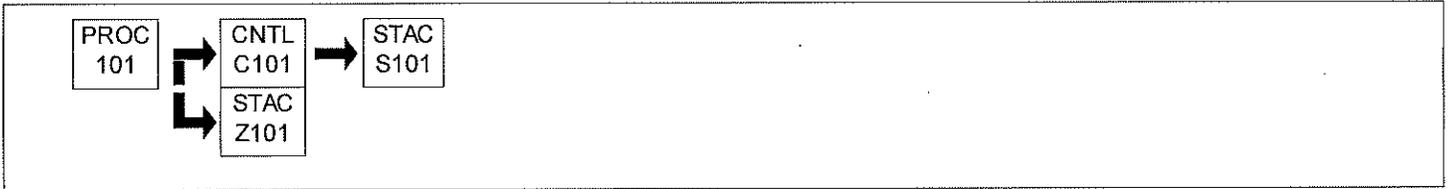
**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: PUMP STATION SEAL LEAKS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GRP 01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

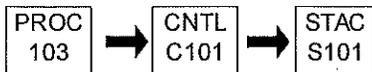
SECTION D. Source Level Requirements

Source ID: 103

Source Name: MAINTENANCE OPERATIONS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GRP 01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION E. Source Group Restrictions.**

Group Name: GRP 01

Group Description: Pump Station & Maintenance

Sources included in this group

ID	Name
101	PUMP STATION SEAL LEAKS
103	MAINTENANCE OPERATIONS

I. RESTRICTIONS.**Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The enclosed flare shall be operated with no visible emissions and no visible flame.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall burn only propane, butane, ethane or a mixture of these in the enclosed flare.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The enclosed flare pilot light shall burn propane gas.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

When the enclosed flare is not operational, the permittee shall record the downtime and the associated emissions.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain detailed records of all maintenance performed on the enclosed flare. The permittee shall retain these records for a minimum of five (5) years and shall make them available to the department upon its request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a system to notify the operator immediately when the enclosed flare is not operational.

SECTION E. Source Group Restrictions.**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.



***** End of Report *****
