

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

In the matter of:

Sunoco Pipeline, L.P.
535 Fritztown Road
Sinking Springs, PA 19608

: Violations of The Clean Streams Law
: and DEP Chapter 93 and 102 of Title 25
: of the Pennsylvania Code, and the Dam
: Safety and Encroachments Act and DEP
: Chapter 105 of Title 25 of the
: Pennsylvania Code
:
: PA Pipeline Project—Mariner East II
: E&S Permit Nos. ESCG0300015002;
: ESG0500015001; ESG0100015001
:
: WO&E Permit Nos. E06-701; E07-459;
: E11-352; E21-449; E23-524;
: E31-234; E38-194; E50-258; E63-674;
: E65-973

CONSENT ASSESSMENT OF CIVIL PENALTY

This Consent Assessment of Civil Penalty (“CACP”) is entered into this 26th day of August 2019, by and between the Commonwealth of Pennsylvania, Department of Environmental Protection (“Department”) and Sunoco Pipeline, L.P. (“Sunoco”).

The Department has found and determined the following:

Parties

A. The Department is the agency with the duty and authority to administer and enforce The Clean Streams Law, Act of June 22, 1937, P.L. 1987, *as amended*, 35 P.S. §§ 691.1-691.1001 (“Clean Streams Law”); the Dam Safety and Encroachments Act, the Act of November 26, 1978 P.L. 1375, as amended, 32 P.S. §§ 693.1 et seq. (“Dam Safety Act”); Section 1917-A of the

Administrative Code of 1929, Act of April 9, 1929, P.L. 177, *as amended*, 71 P.S. § 510-17 (“Administrative Code”); and the rules and regulations promulgated thereunder.

B. Sunoco is a foreign limited partnership doing business in Pennsylvania with a mailing address of 535 Fritztown Road, Sinking Springs, PA 19608. Sunoco Logistics Partners Operations GP LLC is the general partner of Sunoco. Joseph Colella is Executive Vice President for Sunoco Logistics Partners Operations GP LLC. Mr. Colella has been granted authority by Sunoco Logistics Partners Operations GP LLC to sign documents for Sunoco on behalf of the General Partner.

C. Sunoco owns and operates numerous pipelines in Pennsylvania used to transport petroleum and natural gas products. Sunoco has undertaken an effort to expand existing transmission systems for natural gas liquids in Pennsylvania, which is collectively referred to as the Pennsylvania Pipeline Project – Mariner East II (“PPP-ME2”). As part of PPP-ME2, Sunoco is conducting pipeline installation activities in seventeen counties in Pennsylvania, including Berks, Blair, Cambria, Cumberland, Delaware, Huntingdon, Lebanon, Perry, Washington, Westmoreland Counties.

Permits

D. To construct PPP-ME2, Sunoco obtained three (3) Erosion and Sediment Control Permits under 25 Pa. Code Chapter 102 (“Chapter 102 Permits”) and seventeen (17) Water Obstructions and Encroachment Permits under 25 Pa. Code Chapter 105 (“Chapter 105 Permits”). Sunoco obtained one Chapter 102 Permit for each Region where the Department permitted PPP-ME2 activities to occur. Sunoco obtained one Chapter 105 Permit for each county where the Department permitted PPP-ME2 activities to occur.

E. Sunoco obtained Chapter 102 Permit No. ESG0300015002 and Chapter 105 Permit No. E06-701 to construct PPP-ME2 through Berks County.

F. Sunoco obtained Chapter 102 Permit No. ESG0300015002 and Chapter 105 Permit No. E07-459 to construct PPP-ME2 through Blair County.

G. Sunoco obtained Chapter 102 Permit No. ESG0500015001 and Chapter 105 Permit No. E11-352 to construct PPP-ME2 through Cambria County.

H. Sunoco obtained Chapter 102 Permit No. ESG0300015002 and Chapter 105 Permit No. E21-449 to construct PPP-ME2 through Cumberland County.

I. Sunoco obtained Chapter 102 Permit No. ESG0100015001 and Chapter 105 Permit No. E23-524 to construct PPP-ME2 through Delaware County.

J. Sunoco obtained Chapter 102 Permit No. ESG0300015002 and Chapter 105 Permit No. E31-234 to construct PPP-ME2 through Huntingdon County.

K. Sunoco obtained Chapter 102 Permit No. ESG0300015002 and Chapter 105 Permit No. E38-194 to construct PPP-ME2 through Lebanon County.

L. Sunoco obtained Chapter 102 Permit No. ESG0300015002 and Chapter 105 Permit No. E50-258 to construct PPP-ME2 through Perry County.

M. Sunoco obtained Chapter 102 Permit Number ESG0500015001 and Chapter 105 Permit No. E63-674 to construct PPP-ME2 through Washington County.

N. Sunoco obtained Chapter 102 Permit Number ESG0500015001 and Chapter 105 Permit No. E65-973 to construct PPP-ME2 through Westmoreland County.

O. Each permit contained a condition stating:

The permittee shall construct and operate the Horizontal Directional Drilling (HDD) crossings at wetlands, streams and floodways in accordance with Tables 2, 3, and 4 of the Joint Permit Application (Section F, Attachments, Environmental Assessment, Attachment 11, Resource Tables) in a manner to prevent a release of drilling fluid to “Regulated waters of this Commonwealth” (RWC). The permittee shall immediately notify the Department at 866-825-0208 in the event of an Inadvertent Return occurring, and immediately activate and implement the Pollution Prevention Control Plans (PPC Plans) including the HDD Inadvertent Return Contingency Plan (IRCP), Water Supply and Karst PPC Plans to prevent any impacts to RWC and other natural resources.

P. For purposes of this CACP, the terms “Horizontal Directional Drilling” and “Inadvertent Return” mean:

- a. Horizontal Directional Drilling (“HDD”) is any steerable trenchless method used for installation of an underground pipe in an arc along a prescribed path by using a surface launched drilling rig.
- b. An Inadvertent Return (“IR”) is an unauthorized discharge of drilling fluids to surface waters, including wetlands, associated with HDD or other trenchless construction methodologies.

Sites

Q. In Berks County, Sunoco used HDD to cross the East Branch Conestoga River in Caernarvon Township (“Berks HDD Site”). As more fully described in Exhibit A, on June 27, 2018, Sunoco’s HDD activities at the Berks HDD Site caused an unquantified IR to occur to the East Branch Conestoga River.

R. In Blair County, Sunoco used HDD to cross Wetland BB58 in Blair Township, and Wetland L54 in Frankstown Township (“Blair HDD Sites”). As more fully described in Exhibit

A, on March 15, April 4, April 9, May 31, June 5, June 6, June 9, and June 15, 2018, Sunoco's HDD activities at the Blair HDD Sites caused IRs to occur to Wetland BB58 and Wetland L54.

S. In Cambria County, Sunoco used HDD to cross an unnamed tributary ("UNT") to Stewart Run in Cambria Township, and Hinckston Run, an UNT to Hinckston Run, Wetland N24, and an unidentified Wetland in Jackson Township ("Cambria HDD Sites"). As more fully described in Exhibit A, on March 5, April 21, May 8, May 30, May 31, June 21, July 11 and July 22, 2018, Sunoco's HDD activities at the Cambria HDD Sites caused IRs to occur to the UNT to Stewart Run, the UNT to Hinckston Run, Hinckston Run, Wetland N24 and an unidentified Wetland.

T. In Cumberland County, Sunoco used HDD to cross Wetland I32 in Middlesex Township ("Cumberland HDD Site"). As more fully described in Exhibit A, on July 7, 2018, Sunoco's HDD activities at the Cumberland HDD Site caused IRs to occur at two separate locations in Wetland I32.

U. In Delaware County, Sunoco used HDD to cross Chester Creek, an UNT to Chester Creek, and Wetland I1 in Middletown Township ("Delaware HDD Sites"). As more fully described in Exhibit A, on June 10, July 14, July 20, and July 30, 2018, Sunoco's HDD activities at the Delaware HDD Sites caused IRs to occur to Chester Creek, an UNT to Chester Creek, and Wetland I1.

V. In Huntingdon County, Sunoco used HDD to cross Wetland K69 and Aughwick Creek in Shirley Township ("Huntingdon HDD Sites"). As more fully described in Exhibit A, on March 23 and June 21, 2018, Sunoco's HDD activities at the Huntingdon HDD Sites caused IRs to occur to Wetland K69 and Aughwick Creek.

W. In Lebanon County, Sunoco used HDD to cross Snitz Creek in West Cornwall Township (“Lebanon HDD Site”). As more fully described in Exhibit A, on March 15, April 20, May 29, May 30, May 31, June 1, June 10, and June 27, 2018, Sunoco’s HDD activities at the Lebanon HDD Site caused IRs to occur to Snitz Creek.

X. In Perry County, Sunoco used HDD to cross Wetland L1 in Toboyne Township (“Perry HDD Site”). As more fully described in Exhibit A, on March 29, 2018, Sunoco’s HDD activities at the Perry HDD Site caused IRs to occur to Wetland L1.

Y. In Washington County, Sunoco used HDD to cross an UNT to Peters Creek in Nottingham Township and an UNT to Little Chartiers Creek in North Strabane Township (“Washington HDD Sites”). As more fully described in Exhibit A, on May 14, May 25, and July 16, 2018, Sunoco’s HDD activities at the Washington HDD Sites caused IRs to occur to the UNT to Peters Creek and the UNT to Little Chartiers Creek.

Z. In Westmoreland County, Sunoco used HDD to cross an UNT to Sewickley Creek in Sewickley Township (“Westmoreland HDD Site”). As more fully described in Exhibit A, on June 18, 2018, Sunoco’s HDD activities at the Westmoreland HDD Site caused IRs to occur to the UNT to Sewickley Creek.

AA. The receiving water for the Berks HDD Sites is East Branch Conestoga River, a tributary to the Conestoga River. Both are “Regulated waters of this Commonwealth” as that term is defined at 25 Pa. Code § 105.1. The fishery classification for the Conestoga River basin in 25 Pa. Code § 93.9o is Warm Water Fishes (“WWF”) and Migratory Fishes (“MF”).

BB. The receiving waters for the Blair HDD Sites are the Juniata River and an UNT to Frankstown Branch Juniata River. Both are “Regulated waters of this Commonwealth” as that

term is defined at 25 Pa. Code § 105.1. The fishery classification for the Juniata River and UNT to Frankstown Branch Juniata River basins in 25 Pa. Code § 93.9n is WWF, MF.

Frankstown Branch Juniata River is classified as a wild trout (natural reproduction) water by the Fish and Boat Commission. See:

http://www.fishandboat.com/Fish/PennsylvaniaFishes/Trout/Documents/trout_repro.pdf

CC. The receiving waters for the Cambria HDD Sites are an UNT to Stewart Run, an UNT to Hinckstown Run, and Hinckstown Run. Both are “Regulated waters of this Commonwealth” as that term is defined at 25 Pa. Code § 105.1. The fishery classification for the Stewart Run basin in 25 Pa. Code § 93.9t is High Quality – Cold Water Fishes (“HQ-CWF”). The fishery classification for Hinckstown Run in 25 Pa. Code § 93.9t is CWF.

Stewart Run is classified as a wild trout (natural reproduction) water by the Fish and Boat Commission. See:

http://www.fishandboat.com/Fish/PennsylvaniaFishes/Trout/Documents/trout_repro.pdf

Hinckstown Run is classified as a wild trout (natural reproduction) water by the Fish and Boat Commission. See:

http://www.fishandboat.com/Fish/PennsylvaniaFishes/Trout/Documents/trout_repro.pdf

DD. The receiving water for the Cumberland HDD Site is Letort Spring Run, a “Regulated water of this Commonwealth” as that term is defined at 25 Pa. Code § 105.1. The fishery classification for Letort Spring Run in 25 Pa. Code § 93.9o is CWF, MF.

Letort Spring Run is classified as a wild trout (natural reproduction) water by the Fish and Boat Commission. See:

http://www.fishandboat.com/Fish/PennsylvaniaFishes/Trout/Documents/trout_repro.pdf

EE. The receiving waters for the Delaware HDD Sites are an UNT to Chester Creek and Chester Creek. Both are “Regulated waters of this Commonwealth” as that term is defined at 25 Pa. Code § 105.1. The fishery classification for the Chester Creek basin in 25 Pa. Code § 93.9g is WWF, MF.

FF. The receiving waters for the Huntingdon HDD Sites are Blacklog Creek and Aughwick Creek. Both are “Regulated waters of this Commonwealth” as that term is defined at 25 Pa. Code § 105.1. The fishery classification for Blacklog Creek in 25 Pa. Code § 93.9n is CWF, MF. The fishery classification for Aughwick Creek in 25 Pa. Code § 93.9n is Trout Stocking (“TSF”), MF.

GG. The receiving water for the Lebanon HDD Site is Snitz Creek, a “Regulated water of this Commonwealth” as that term is defined at 25 Pa. Code § 105.1. The fishery classification for the Snitz Creek basin in 25 Pa. Code § 93.9o is TSF, MF.

HH. The receiving water for the Perry HDD Site is Horse Valley Run, a “Regulated water of this Commonwealth” as that term is defined at 25 Pa. Code § 105.1. The fishery classification for Horse Valley Run basin in 25 Pa. Code § 93.9n is HQ-CWF, MF.

II. The receiving waters for the Washington HDD Sites are an UNT to Peters Creek, and an UNT to Little Chartiers Creek. Both are “Regulated waters of this Commonwealth” as that term is defined at 25 Pa. Code § 105.1. The fishery classification for Peters Creek basin in 25 Pa. Code § 93.9v is TSF. The fishery classification for the Little Chartiers Creek basin in 25 Pa. Code § 93.9w is HQ-WWF.

JJ. The receiving water for the Westmoreland HDD Site is an UNT to Sewickley Creek, a “Regulated water of this Commonwealth” as that term is defined at 25 Pa. Code § 105.1. The fishery classification for Sewickley Creek in 25 Pa. Code § 93.9v is WWF.

KK. Between March 5 and July 30, 2018, the Department received forty (40) notices from Sunoco that IRs either occurred within or discharged into Regulated waters of this Commonwealth at the sites referenced above.

Violations

LL. The drilling fluids that comprised the IRs described in Exhibit A constitute “Industrial Waste” as that term is defined at 35 P.S. § 691.1. Sunoco’s discharges of Industrial Waste to Regulated waters of this Commonwealth as described in Exhibit A and in Paragraphs Q through KK, above, violate the terms and conditions of the Chapter 105 Permits and constitute violations of 25 Pa. Code § 92a.1(b) and Section 301 of the Clean Streams Law, 35 P.S. § 691.301.

MM. The violations described in Paragraph LL, above, constitute unlawful conduct under Section 611 of the Clean Streams Law, 35 P.S. § 691.611; a statutory nuisance under Section 601 of the Clean Streams Law, 35 P.S. § 691.601; and subject Sunoco to civil penalty liability under Section 605 of the Clean Streams Law, § 691.605.

After full and complete negotiation of all matters set forth in this CACP and upon mutual exchange of covenants contained herein, the parties desiring to avoid litigation and intending to be legally bound, it is hereby ASSESSED by the Department and AGREED to by Sunoco as follows:

1. **Assessment.** In resolution of the Department’s claim for civil penalties, which the Department is authorized to pursue under Section 605 of The Clean Streams Law, 35 P.S. §

691.605 and Section 21 of the Dam Safety and Encroachments Act, 32 P.S. § 693.21, the Department hereby assesses a civil penalty of \$240,840.00 which Sunoco hereby agrees to pay.

2. **Civil Penalty Settlement.** Sunoco consents to the assessment of the civil penalty of TWO HUNDRED FORTY THOUSAND EIGHT HUNDRED AND FORTY DOLLARS (\$240,840.00), which shall be paid in within five (5) days of its receipt of a fully-executed CACP. This payment is in settlement of the Department's claim for civil penalties for the violations set forth in Paragraphs LL and MM, above, covering the period from March 5, 2018 to July 30, 2018. The payments shall be by corporate check(s) or the like, made payable to the following: a) TWO HUNDRED THIRTY-THREE THOUSAND EIGHT HUNDRED AND TWELVE DOLLARS (\$233,812.00) to the "**Commonwealth of Pennsylvania**" with an annotation "**Clean Water Fund**" on the memo line, b) FOUR HUNDRED SIXTY-THREE DOLLARS (\$463.00) to the "**Blair County Conservation District**", TWO THOUSAND NINE HUNDRED THIRTY-SIX DOLLARS (\$2,936.00) to the "**Cambria County Conservation District**", ONE THOUSAND SEVENTY-TWO DOLLARS (\$1,072.00) to the "**Cumberland County Conservation District**", TWO HUNDRED SIXTY-ONE DOLLARS (\$261.00) to the "**Huntingdon County Conservation District**", ONE THOUSAND DOLLARS (\$1,000.00) to the "**Washington County Conservation District**", and ONE THOUSAND TWO HUNDRED NINETY-SIX DOLLARS (\$1,296.00) to the "**Westmoreland County Conservation District**."

All checks shall be sent c/o Ronald C. Eberts, Jr., Environmental Protection Compliance Specialist, DEP-SCRO Waterways and Wetlands Program, 909 Elmerton Avenue, Harrisburg, PA 17110-8200.

3. **Findings.**

a. Sunoco agrees that the findings in Paragraphs A through KK are true and correct, and in any matter or proceeding involving Sunoco or any of their affiliates and the Department, Sunoco shall not challenge the accuracy or validity of these findings.

b. The parties do not authorize any other persons to use the Findings in this CACP in any matter or proceeding.

4. **Remedies.** In the event that Sunoco fails to make the payment required by this CACP, all remaining payments shall be immediately due and payable. In that event, the Department may pursue any remedy available for failure to pay a civil penalty, including an action for breach of contract or the filing of this CACP as a lien in any county in this Commonwealth.

5. **Reservation of Rights.** The Department reserves all other rights with respect to any matter addressed by this CACP, including the right to require abatement of any conditions resulting from the events described in the Findings. Sunoco reserves the right to challenge any action which the Department may take but waives the right to challenge the content or validity of this CACP.

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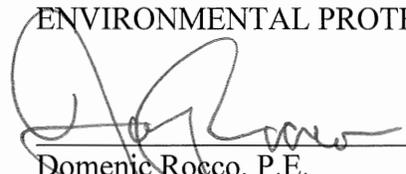
IN WITNESS WHEREOF, the parties hereto have caused this Consent Assessment of Civil Penalty to be executed by their duly authorized representatives. The undersigned representatives of Sunoco certify under penalty of law, as provided by 18 Pa. C.S. § 4904, that they are authorized to execute this Consent Assessment of Civil Penalty on behalf of Sunoco; that Sunoco consents to the entry of this Consent Assessment of Civil Penalty as a final ORDER of the Department; and that Sunoco hereby knowingly waives its right to appeal this Consent Assessment of Civil Penalty and to challenge its content or validity, which rights may be available under Section 4 of the Environmental Hearing Board Act, Act of July 13, 1988, P.L. 530, 35 P.S. § 7514; the Administrative Agency Law, 2 Pa. C.S. § 103(a) and Chapters 5A and 7A; or any other provisions of law. Signature by Sunoco's attorney certifies only that the agreement has been signed after consulting with counsel.

FOR SUNOCO PIPELINE, L.P.:

 8-13-19
Joseph Colella Date
Senior Vice President

 8/16/19
Curtis N. Stambaugh, Esq. Date
Attorney for Sunoco Pipeline, L.P.

FOR THE COMMONWEALTH OF PENNSYLVANIA, DEPARTMENT OF ENVIRONMENTAL PROTECTION:

 8/20/19
Domenic Rocco, P.E. Date
Acting Environmental Program Manager

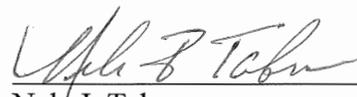
 8/20/19
Nels J. Taber Date
Senior Litigation Counsel

EXHIBIT A

County	Municipality	Lat/Long	Resource Impacted (lake, wetland, stream)	Chapter 93 designation	Estimated Quantity of Release	Date Occurred	Date Reported
Berks	Caernarvon Twp.	40.167°, -75.858°	East Branch Conestoga River	WWF	Unquantified	6/27/2018	6/27/2018
Blair	Frankstown Twp.	40.4433°, -78.3254°	Wetland (L54)	-	Less than 50 gallons	3/15/2018	3/15/2018
Blair	Frankstown Twp.	40.4444°, -78.3247°	Wetland (L54)	-	10 gallons	4/4/2018	4/4/2018
Blair	Blair Twp.	40.4122°, -78.3722°	Wetland (BB-58)	-	500 gallons	4/9/2018	4/9/2018
Blair	Blair Twp.	40.4122°, -78.3722°	Wetland (BB-58)	-	200-300 gallons	6/15/2018	6/15/2018
Blair	Blair Twp.	40.4122°, -78.3722°	Wetland (BB-58)	-	5 gallons*	5/31/2018	5/31/2018
Blair	Blair Twp.	40.4122°, -78.3722°	Wetland (BB-58)	-	2 gallons*	6/5/2018	6/5/2018
Blair	Blair Twp.	40.4122°, -78.3722°	Wetland (BB-58)	-	1,000 gallons*	6/6/2018	6/6/2018
Blair	Blair Twp.	40.4122°, -78.3722°	Wetland (BB-58)	-	600 gallons*	6/9/2018	6/9/2018
Cambria	Cambria Twp.	40.437155°, -78.763529°	UNT to Stewart Run (S-CC1)	HQ-CWF	2 gallons	3/5/2018	3/5/2018
Cambria	Cambria Twp.	40.437155°, -78.763529°	UNT to Stewart Run (S-CC1)	HQ-CWF	Approx. 5 gallons	4/21/2018	4/21/2018
Cambria	Jackson Twp.	40.417053°, -78.873039°	UNT to Hinckston Run	CWF	Unquantified (turbid water)	5/8/2018	5/8/2018
Cambria	Jackson Twp.	40.417053°, -78.873039°	UNT to Hinckston Run	CWF	Unquantified (turbid water)	5/30/2018	5/30/2018
Cambria	Jackson Twp.	40.415432°, -78.859528°	UNT to Hinckston Run	CWF	Unquantified (turbid water)	5/31/2018	5/31/2018
Cambria	Jackson Twp.	40.416°, -78.866°	Hinckston Run and Wetland (N24)	CWF	1,500 gallons	6/21/2018	6/21/2018
Cambria	Jackson Twp.	40.417413°, -78.871815°	Wetland (unidentified)	-	3,000 gallons	7/11/2018	7/11/2018
Cambria	Jackson Twp.	40.416667°, -78.875278°	UNT to Hinckston Run	CWF	3,500 gallons	7/11/2018	7/11/2018
Cambria	Jackson Twp.	40.417413°, -78.871815°	UNT to Hinckston Run	CWF	Unquantified	7/22/2018	7/22/2018
Cumberland	Middlesex Twp.	40.228759°, -77.140262°	Wetland (I32)	-	Less than 1 gallon	7/7/2018	7/7/2018
Cumberland	Middlesex Twp.	40.228678°, -77.140557°	Wetland (I32)	-	Less than 5 gallons	7/25/2018	7/25/2018
Delaware	Middletown Twp.	39.894792°, -75.431853°	UNT Chester Creek (S-I2)	WWF	0.5 gallon	6/10/2018	6/10/2018
Delaware	Middletown Twp.	39.894792°, -75.431853°	Wetland (I1)	-	100 gallons	7/14/2018	7/14/2018
Delaware	Middletown Twp.	39.894792°, -75.431853°	UNT Chester Creek (S-I1); Chester Creek (S-I4)	WWF	30 gallons	7/20/2018	7/20/2018
Delaware	Middletown Twp.	39.894792°, -75.431853°	Wetland (I1)	-	80 gallons	7/20/2018	7/20/2018
Delaware	Middletown Twp.	39.894792°, -75.431853°	Storm sewer leading to Chester Creek (S-I4)	WWF	50 gallons	7/30/2018	7/30/2018
Huntingdon	Shirely Twp.	40.321145°, -77.789497°	Wetland (K69)	-	1 gallon	3/23/2018	3/25/2018
Huntingdon	Shirely Twp.	40.342°, -77.852°	Aughwick Creek (S-L28)	TSF	20 gallons*	6/21/2018	6/21/2018
Lebanon	West Cornwall Twp.	40.2904°, -76.4278°	Snitz Creek (S-A17)	TSF	50 gallons	3/15/2018	3/15/2018
Lebanon	West Cornwall Twp.	40.290°, -76.427°	Snitz Creek (S-A17)	TSF	20 gallons	4/20/2018	4/20/2018
Lebanon	West Cornwall Twp.	40.290°, -76.427°	Snitz Creek (S-A17)	TSF	2 quarts	6/1/2018	6/1/2018
Lebanon	West Cornwall Twp.	40.290°, -76.427°	Snitz Creek (S-A17)	TSF	1 cup	6/10/2018	6/10/2018
Lebanon	West Cornwall Twp.	40.290°, -76.427°	Snitz Creek (S-A17)	TSF	2-3 gallons	6/27/2018	6/27/2018
Lebanon	West Cornwall Twp.	40.290°, -76.427°	Snitz Creek (S-A17)	TSF	5 gallons*	5/29/2018	5/29/2018
Lebanon	West Cornwall Twp.	40.290°, -76.427°	Snitz Creek (S-A17)	TSF	6 gallons*	5/30/2018	5/30/2018
Lebanon	West Cornwall Twp.	40.290°, -76.427°	Snitz Creek (S-A17)	TSF	3 gallons*	5/31/2018	5/31/2018
Perry	Toboyne Twp.	40.2929°, -77.6499°	Wetland (L1)	-	0.25 gallon	3/29/2018	3/29/2018
Washington	Nottingham Twp.	40.235555°, -80.09088°	UNT to Peters Creek (S130)	TSF	Unquantified	5/14/2018	5/14/2018
Washington	Nottingham Twp.	40.235555°, -80.09088°	UNT to Peters Creek (S130)	TSF	8 - 16 ounces	5/25/2018	5/25/2018
Washington	North Strabane Twp.	40.23546°, -80.10322°	UNT to Little Chartiers Creek (S-129)	HQ-WWF	3 ounces	7/16/2018	7/16/2018
Westmoreland	Sewickley Twp.	40.24118°, -79.74122°	UNT to Sewickley Creek (S-172)	WWF	50 gallons	6/18/2018	6/18/2018

* Indicates return to containment BMP