

APPENDIX B Outfall Screening Reports

Monongahela River Outfall Screening Reports



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	CS 003	
Land Uses in Outfall D	Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>50.27</u> "	
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>40.70</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? 🛛 Yes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	/22/18
			Amount of Prev	ious Precipitation: 0.	.66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛛 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	SHAPE	DIMENSIONS	SUBMERGED
	⊠ RCP □ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>36</u> in	⊠ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete ☐ Trapez		coid	Depth: in	
	☐ Earthen	☐ Parabo	olic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection? 🛚	Yes 🗌 No (If	No, skip to Certification	on Section)
Description of Flow Ra	ate: 🗌 Trickle 🗵 Mode	erate 🗌 S	ignificant 🔲 N/A	Ą	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color? Yes No If Yes, provide a description below.					
Does the dry weather flow contain an odor? 🛛 Yes 🗌 No If Yes, provide a description below.					
Strong sewage odor present					
	Is there an observed change in the receiving waters as a result of the discharge? $\ \square$ Yes $\ \boxtimes$ No If Yes, provide a description below.				
Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? Yes No If Yes, provide a description below.					
Steam present above flow within outfall					

of the dry weath	ner flow? 🔲 Ye	es 🛛 No (If Yes, No. S	amples:)		
FIE	ELD / LABOR	ATORY ANALYSIS			
RESULTS	UNITS	PARAMETER	RESULTS	UNITS	
	GPM	Fecal Coliform		No./100 mL	
	S.U.	COD		mg/L	
	mg/L	BOD5		mg/L	
	µmhos/cm	TSS		mg/L	
	mg/L	TDS		mg/L	
		Oil and Grease		mg/L	
		Other:			
oove that were a	analyzed by a DE	EP-certified laboratory:			
	ILLICIT D	ISCHARGES			
illicit discharge	? 🛛 Yes 🗌	No			
de to determine	the source(s) of	f the illicit discharge.			
t further coord	lination with M\	/SA is necessary to dete	rmine cause, sevei	rity and origin.	
s taken by the p	ermittee in respo	onse to the finding of an ill	cit discharge.		
Coordination with MVSA must occur					
Inspector Comments:					
Outlets to the Monongahela River. Unable to measure the pipe because the screening was performed from a small boat in the river. Outfall partially submerged within water from adjacent river. Moderate flow during inspection with strong sewage odor and steam present at outfall. No erosion at outfall, but sediment deposition evident within river. Recommend further coordination with MVSA to determine origin of sewage flow and performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment.					
RESPONSIBLE OFFICIAL CERTIFICATION					
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).					
Robert A. Nedzesky, P.E. Responsible Official Name Signature					
	RESULTS RESULTS Illicit discharge' de to determine at further coord s taken by the partially ewage odor an commend furth extions in the sp RESP law that this do m designed to a inquiry of the p tion, the inform at there are sig owledge of viola	FIELD / LABOR RESULTS UNITS GPM S.U. mg/L µmhos/cm mg/L illicit discharge? Yes de to determine the source(s) of the further coordination with MV as taken by the permittee in response to the source of the	FIELD / LABORATORY ANALYSIS RESULTS UNITS PARAMETER GPM Fecal Coliform S.U. COD mg/L BOD5 µmhos/cm TSS mg/L TDS Oil and Grease Other: Dove that were analyzed by a DEP-certified laboratory: ILLICIT DISCHARGES illicit discharge? ☑ Yes ☐ No de to determine the source(s) of the illicit discharge. It further coordination with MVSA is necessary to determine the source of the illicit discharge of the illicit discharge. It further coordination with MVSA is necessary to determine the source of the illicit discharge of the illicit discharge. It further coordination with MVSA is necessary to determine the source of the illicit discharge of the illicit discharge. It further coordination with MVSA is necessary to determine the source of the illicit discharge of the illicit discharge. It further coordination with MVSA is necessary to determine the source of the illicit discharge. It further coordination with MVSA to determine the swage odor and steam present at outfall. No erosion as commend further coordination with MVSA to determine the object of the person or persons who manage and marking the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or persons who manage the system of the person or person who manage the system of the person or person who manage the system of the person or person who manage the system of the person or person who manage the system of the person or person who manage the system of the person or person who manage the system of the person or person wh	RESULTS UNITS PARAMETER RESULTS GPM Fecal Coliform S.U. COD mg/L BOD5 µmhos/cm TSS mg/L TDS Oil and Grease Other:	

412-257-8774	June 28, 2018
Telephone No.	Date



Outfall #CS003 of the Monongahela River 36" RCP (potential illicit discharge)



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	CS 004	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>47.32</u> "	
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>52</u> ' <u>53.55</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? 🛛 Yes	☐ No
	Other:		Date of Previous	s Precipitation: 6	/22/18
			Amount of Prev	ious Precipitation: 0	.66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛛 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	☐ RCP ☐ CMP	☐ Circula	r 🗌 Single	Diameter: <u>TBD</u> in	☑ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	○ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	oid	Depth: in	
	☐ Earthen	☐ Parabo	lic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		-
	☐ Other				
Dry Weather Flow Present at Outfall During Inspection?					
Description of Flow Ra	ate: 🗌 Trickle 🔀 Mode	erate 🗌 Si	gnificant	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color? Yes No If Yes, provide a description below.					
Does the dry weather flow contain an odor? 🛛 Yes 🗌 No If Yes, provide a description below.					
Strong sewage odor present					
Is there an observed change in the receiving waters as a result of the discharge? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$					
	Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? Yes No If Yes, provide a description below.				

Were sample(s) collected	Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)				
FIELD / LABORATORY ANALYSIS					
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
рН		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other:			Oil and Grease		mg/L
Other:			Other:		
Indicate the parameters a	bove that were a	analyzed by a DE	EP-certified laboratory:		
		ILLICIT D	ISCHARGES		
Is the dry weather flow an	illicit discharge	? 🛛 Yes 🔲 I	No		
If Yes, describe efforts ma	nde to determine	e the source(s) of	the illicit discharge.		
Sewage flow present, bu	ıt further coord	lination with MV	/SA is necessary to detern	nine cause, seve	rity and origin.
Describe corrective action	s taken by the p	ermittee in respo	onse to the finding of an illici	t discharge.	
Coordination with MVSA	must occur				
Inspector Comments:					
Large brick arch outlets to the Monongahela River. Unable to measure the pipe because the screening was performed from a small boat in the river and large barges docked in front of outfall. Outfall partially submerged within water from adjacent river. Moderate flow during inspection with strong sewage odor present at outfall. No erosion at outfall, but sediment and debris deposition evident within river. Recommend further coordination with MVSA to determine origin of sewage flow and performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment.					
RESPONSIBLE OFFICIAL CERTIFICATION					
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).					
•	Robert A. Nedzesky, P.E. Rould A. Nedzesky, P.E.				
Responsible Official Nam	ne		Signature		

412-257-8774	June 28, 2018
Telephone No.	Date



Outfall #CS004 of the Monongahela River (outfall obscured by parked barge)

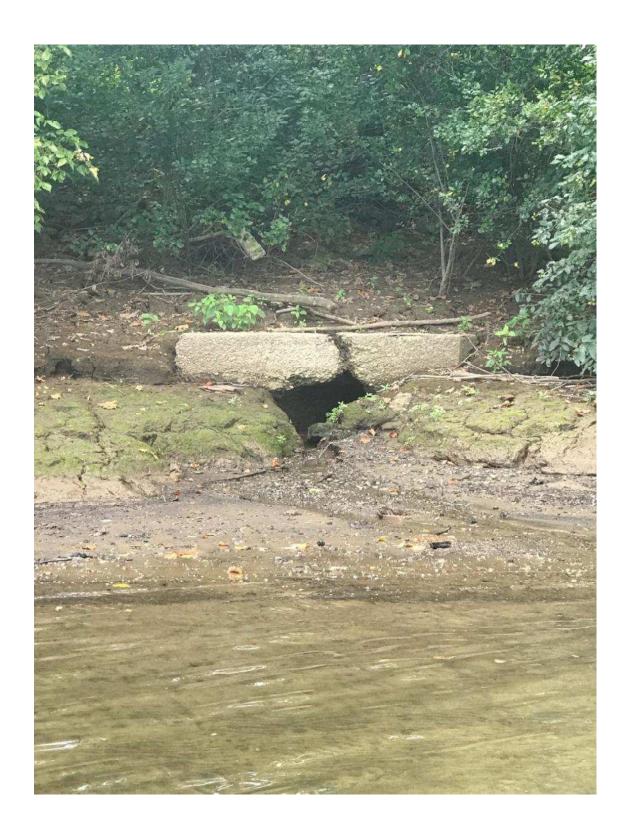
Large box culvert (potential illicit discharge)



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	CS 006	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>47.32</u> "	
	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>52</u> ' <u>53.55</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? X Yes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	/22/18
			Amount of Prev	ious Precipitation: 0 .	. 66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛛 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	⊠ RCP □ CMP	⊠ Circula	r 🗌 Single	Diameter: 48 in	⊠ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	zoid Depth: in		
	☐ Earthen	☐ Parabo	olic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		
	☐ Other				
Dry Weather Flow Present at Outfall During Inspection? Yes No (If No, skip to Certification Section)					
Description of Flow Ra	ate: 🗌 Trickle 🛚 Mode	erate 🗌 Si	ignificant 🔲 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color? Yes No If Yes, provide a description below.					
Does the dry weather	Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.				
Is there an observed change in the receiving waters as a result of the discharge? $\ \square$ Yes $\ \boxtimes$ No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	Yes 🛚 No

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)					
	FII	ELD / LABOR	ATORY ANALYSIS		
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
рН		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other:			Oil and Grease		mg/L
Other:			Other:		
Indicate the parameters al	oove that were	analyzed by a DE	EP-certified laboratory:		
		ILLICIT D	ISCHARGES		
Is the dry weather flow an	illicit discharge	? 🗌 Yes 🛛 I	No		
If Yes, describe efforts ma	de to determine	e the source(s) of	the illicit discharge.		
Describe corrective action	Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.				
Inspector Comments:					
Outlets to the Monongahela River. Unable to measure the pipe because the screening was performed from a small boat in the river and large barges docked in front of outfall. Outfall partially submerged within water and sediment from adjacent river. Moderate flow during inspection but flow was clear with no odors. Large area of sediment and debris deposition evident within river at outfall area. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment.					
RESPONSIBLE OFFICIAL CERTIFICATION					
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).					
Robert A. Nedzesky, P.E	<u>. </u>		Rock	N-W	
Responsible Official Nam	ne		Signature	9.7	
412-257-8774 June 28, 2018					

Telephone No.	Date



Outfall #CS006 of the Monongahela River. Note large area of sediment deposition from the river. 48" RCP



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	CS101 (formall	y MVSA CSO 002)
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>18.26</u> "	
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>54</u> ' <u>12.80</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? 🛛 Yes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	/22/18
			Amount of Prev	ious Precipitation: 0.	.66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛛 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	⊠ RCP □ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>24</u> in	⊠ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	zoid Depth: in		
	☐ Earthen	☐ Parabo	lic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		•
	☐ Other				
Dry Weather Flow Present at Outfall During Inspection? Yes No (If No, skip to Certification Section)					
Description of Flow Ra	ate: 🗌 Trickle 🗵 Mode	erate 🗌 Si	ignificant 🔲 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color? Yes No If Yes, provide a description below.					
Does the dry weather	Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.				
Is there an observed change in the receiving waters as a result of the discharge? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$					
	Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? Yes No If Yes, provide a description below.				

FIELD / LABORATORY ANALYSIS PARAMETER RESULTS UNITS PARAMETER RESULTS UNITS Flow Rate GPM Fecal Coliform No./100 mL pH S.U. COD mg/L Total Residual Chlorine mg/L Total Residual Chlorine mg/L Conductivity µmhos/cm TSS mg/L Ammonia-Nitrogen mg/L Other: Oil and Grease mg/L Other: Oil and Grease mg/L Other: Oil and Grease mg/L Indicate the parameters above that were analyzed by a DEP-certified laboratory: ILLICIT DISCHARGES Is the dry weather flow an illicit discharge?	Were sample(s) collected	Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)				
Flow Rate GPM Fecal Coliform No./100 mL pH S.U. COD mg/L pH S.U. COD mg/L Total Residual Chlorine (TRC) mg/L Conductivity µmhos/cm TSS mg/L Ammonia-Nitrogen mg/L Olther: Oli and Grease mg/L Other: Oli and Grease mg/L Other: Olier: Olier		FII	ELD / LABOR	ATORY ANALYSIS		
PH S.U. COD mg/L Total Residual Chlorine (TRC) mg/L Conductivity µmhos/cm TSS mg/L Ammonia-Nitrogen mg/L Other: Oil and Grease mg/L Other: Other: Oil and Grease mg/L Other: Other: Other: Indicate the parameters above that were analyzed by a DEP-certified laboratory: ILLICIT DISCHARGES	PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Total Residual Chlorine (TRC) mg/L BOD5 mg/L Conductivity µmhos/cm TSS mg/L Ammonia-Nitrogen mg/L TDS mg/L Other: Oil and Grease mg/L Other: Other: Other: Other: Dil and Grease mg/L Other: Other: Other: Other: Dil and Grease mg/L Other: Other: Other: Other: Dil and Grease mg/L Indicate the parameters above that were analyzed by a DEP-certified laboratory: ILLICIT DISCHARGES Is the dry weather flow an illicit discharge? Mo No If Yes, describe efforts made to determine the source(s) of the illicit discharge. Describe corrective actions taken by the permittee in response to the finding of an illicit discharge. Describe corrective actions taken by the permittee in response to the finding of an illicit discharge. Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. A recent physical inspection of the pipe 200' upstream near Riverview SR 908 reported the pipe was dry. A spring or underground stream is the likely cause for the dry weather flow observed was clear with no odor, but moderate in rate. The outfall was partially submerged in both sediment and water with large wood debris from the river piled at the pipe outfall. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment. RESPONSIBLE OFFICIAL CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information osubmitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including th	Flow Rate		GPM	Fecal Coliform		No./100 mL
Conductivity	рН		S.U.	COD		mg/L
Ammonia-Nitrogen mg/L TDS mg/L Other: Other: Other: Other: Indicate the parameters above that were analyzed by a DEP-certified laboratory: ILLICIT DISCHARGES			mg/L	BOD5		mg/L
Other: Oil and Grease	Conductivity		µmhos/cm	TSS		mg/L
Other:	Ammonia-Nitrogen		mg/L	TDS		mg/L
ILLICIT DISCHARGES Is the dry weather flow an illicit discharge? ☐ Yes ☐ No If Yes, describe efforts made to determine the source(s) of the illicit discharge. Describe corrective actions taken by the permittee in response to the finding of an illicit discharge. Describe corrective actions taken by the permittee in response to the finding of an illicit discharge. Unspector Comments: Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. A recent physical inspection of the pipe 200' upstream near Riverview SR 908 reported the pipe was dry. A spring or underground stream is the likely cause for the dry weather flow observed during the screening. The flow observed was clear with no odor, but moderate in rate. The outfall was partially submerged in both sediment and water with large wood debris from the river piled at the pipe outfall. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment. RESPONSIBLE OFFICIAL CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).	Other:			Oil and Grease		mg/L
ILLICIT DISCHARGES Is the dry weather flow an illicit discharge?	Other:			Other:		
Is the dry weather flow an illicit discharge? Yes No If Yes, describe efforts made to determine the source(s) of the illicit discharge. Describe corrective actions taken by the permittee in response to the finding of an illicit discharge. Inspector Comments: Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. A recent physical inspection of the pipe 200' upstream near Riverview SR 908 reported the pipe was dry. A spring or underground stream is the likely cause for the dry weather flow observed during the screening. The flow observed was clear with no odor, but moderate in rate. The outfall was partially submerged in both sediment and water with large wood debris from the river piled at the pipe outfall. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment. RESPONSIBLE OFFICIAL CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).	Indicate the parameters a	bove that were	analyzed by a DE	EP-certified laboratory:		
Inspector Comments: Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. A recent physical inspection of the pipe 200' upstream near Riverview SR 908 reported the pipe was dry. A spring or underground stream is the likely cause for the dry weather flow observed during the screening. The flow observed was clear with no odor, but moderate in rate. The outfall was partially submerged in both sediment and water with large wood debris from the river piled at the pipe outfall. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment. RESPONSIBLE OFFICIAL CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification). Robert A. Nedzesky, P.E.			ILLICIT D	ISCHARGES		
Inspector Comments: Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. A recent physical inspection of the pipe 200' upstream near Riverview SR 908 reported the pipe was dry. A spring or underground stream is the likely cause for the dry weather flow observed during the screening. The flow observed was clear with no odor, but moderate in rate. The outfall was partially submerged in both sediment and water with large wood debris from the river piled at the pipe outfall. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment. RESPONSIBLE OFFICIAL CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification). Robert A. Nedzesky, P.E.	Is the dry weather flow an	illicit discharge	? □ Yes ⊠ I	No		
Inspector Comments: Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. A recent physical inspection of the pipe 200' upstream near Riverview SR 908 reported the pipe was dry. A spring or underground stream is the likely cause for the dry weather flow observed during the screening. The flow observed was clear with no odor, but moderate in rate. The outfall was partially submerged in both sediment and water with large wood debris from the river piled at the pipe outfall. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment. RESPONSIBLE OFFICIAL CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification). Robert A. Nedzesky, P.E.				-	discharge	
Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. A recent physical inspection of the pipe 200' upstream near Riverview SR 908 reported the pipe was dry. A spring or underground stream is the likely cause for the dry weather flow observed during the screening. The flow observed was clear with no odor, but moderate in rate. The outfall was partially submerged in both sediment and water with large wood debris from the river piled at the pipe outfall. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment. RESPONSIBLE OFFICIAL CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification). Robert A. Nedzesky, P.E.		e taken by the p		ones to the initiality of an initiality	dioonalgo.	
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification). Robert A. Nedzesky, P.E.	Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. A recent physical inspection of the pipe 200' upstream near Riverview SR 908 reported the pipe was dry. A spring or underground stream is the likely cause for the dry weather flow observed during the screening. The flow observed was clear with no odor, but moderate in rate. The outfall was partially submerged in both sediment and water with large wood debris from the river piled at the pipe outfall. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the					
accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification). Robert A. Nedzesky, P.E.	RESPONSIBLE OFFICIAL CERTIFICATION					
Robert A. Nedzesky, P.E.	accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine					
L Hoopopoppio (Attigod Nomo	Robert A. Nedzesky, P.E. Responsible Official Nam			Rock A N	7-44	

412-257-8774	June 28, 2018
Telephone No.	Date



Outfall #CS101 of the Monongahela River. Note large area of sediment and debris deposition from the river.

24" RCP



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	CS102	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>46.01</u> "	
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>52</u> ' <u>46.99</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	22/18
			Amount of Prev	ious Precipitation: 0.	66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	☐ RCP ☐ CMP	⊠ Circula	r 🗌 Single	Diameter: 24 in	⊠ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	oid	Depth: in	
	☐ Earthen	☐ Parabo	lic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		•
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes 🛛 No (If	No, skip to Certificatio	n Section)
Description of Flow Ra	ate: 🗌 Trickle 🗌 Mode	erate 🗌 Si	gnificant 🗵 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color?					
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.					
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ⊠ No

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
FIELD / LABORATORY ANALYSIS							
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
рН		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters al	bove that were a	analyzed by a DE	EP-certified laboratory:				
		ILLICIT D	ISCHARGES				
Is the dry weather flow an	illicit discharge	? 🗌 Yes 🛛 I	No				
If Yes, describe efforts made to determine the source(s) of the illicit discharge.							
Describe corrective action	s taken by the p	ermittee in respo	onse to the finding of an illic	it discharge.			
Inspector Comments:							
Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. The outfall was partially submerged in water, therefore unable to determine if dry weather flow existed. Upstream pipe must be further investigated to verfiy flow regime within system. No erosion at outfall. Large log present from river flooding. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment and additional flow investigation.							
RESPONSIBLE OFFICIAL CERTIFICATION							
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E			Rous A.	Jagy			
Responsible Official Name Signature							

412-257-8774	June 28 2018
Telephone No.	Date



Outfall #CS102 of the Monongahela River.

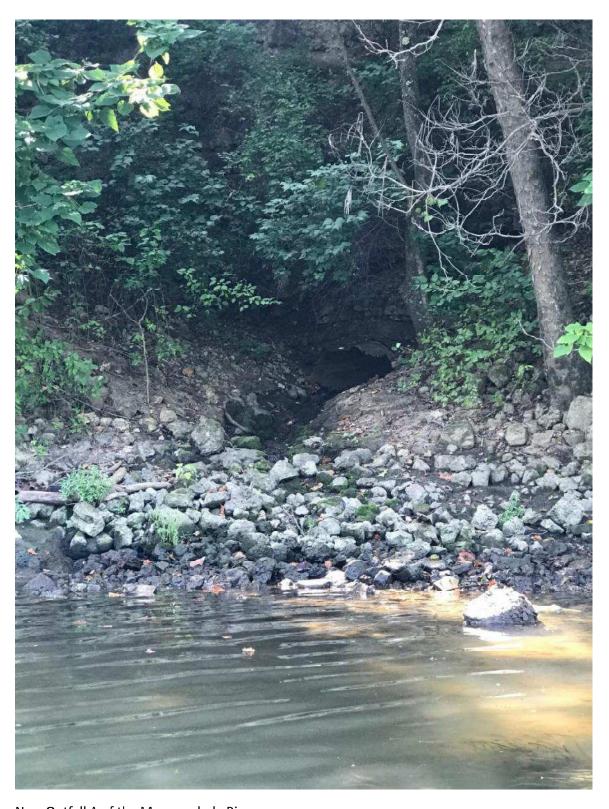
24" TCP



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	New A	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>43.95</u> "	
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>56.94</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? X Yes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	/22/18
			Amount of Prev	ious Precipitation: 0 .	. 66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛛 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	☐ RCP ☐ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>48</u> in	☐ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		
	⊠ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	oid	Depth: in	
	☐ Earthen	☐ Parabo	olic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection? 🖂	Yes No (It	No, skip to Certification	n Section)
Description of Flow Ra	ate: 🛛 Trickle 🗌 Mode	erate 🗌 Si	ignificant 🔲 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color?					
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.					
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	Yes 🛚 No

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
FIELD / LABORATORY ANALYSIS							
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
рН		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters al	bove that were	analyzed by a DE	EP-certified laboratory:				
		ILLICIT D	ISCHARGES				
Is the dry weather flow an	illicit discharge	? 🗌 Yes 🛛 I	No				
If Yes, describe efforts made to determine the source(s) of the illicit discharge. Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.							
Inspector Comments:							
Outlets to the Monongahela River. Unable to measure the pipe because the screening was performed from a small boat in the river and large barges docked in front of outfall. Outfall partially submerged with sediment. Trickle flow during inspection but flow was clear with no odors. Large area of sediment and debris deposition evident with mild erosion at outfall area. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment.							
RESPONSIBLE OFFICIAL CERTIFICATION							
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E			Rock A	NAW			
Responsible Official Nam	ne		Signature	4.7			
412-257-8774	412-257-8774 June 28, 2018						

Telephone No.	Date



New Outfall A of the Monongahela River.

48" Steel pipe



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	New B	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>47.68</u> "	
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>49.25</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	22/18
			Amount of Prev	ious Precipitation: 0.	66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	⊠ RCP □ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>24</u> in	☐ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	oid	Depth: in	
	☐ Earthen	☐ Parabo	olic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		•
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes 🛛 No (If	No, skip to Certificatio	n Section)
Description of Flow Ra	ate: 🗌 Trickle 🗌 Mode	erate 🗌 Si	gnificant 🛚 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color? Yes No If Yes, provide a description below.					
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.					
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ☐ No

Were sample(s) collected of the dry weather flow?							
FIELD / LABORATORY ANALYSIS							
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
рН		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters al	bove that were	analyzed by a DE	P-certified laboratory:				
		II LICIT D	ISCHARGES				
Is the dry weather flow an	illicit discharge						
If Yes, describe efforts ma	_						
Describe corrective action	s taken by the p	permittee in respo	onse to the finding of an illicit	discharge.			
Inspector Comments:							
Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. No flow during inspection. Pipe outlets into a long concrete trough extending to river with no erosion evident. Recommend performing next inspection in the spring prior to heavy foliage. Recommend marking the location of the outlet on the top of the embankment.							
	RESP	ONSIBLE OF	FICIAL CERTIFICATIO	N			
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E			Rock A.	WL			
Responsible Official Nam	ne		Signature	9.7			
412-257-8774			June 28, 2018				
Telephone No. Date							

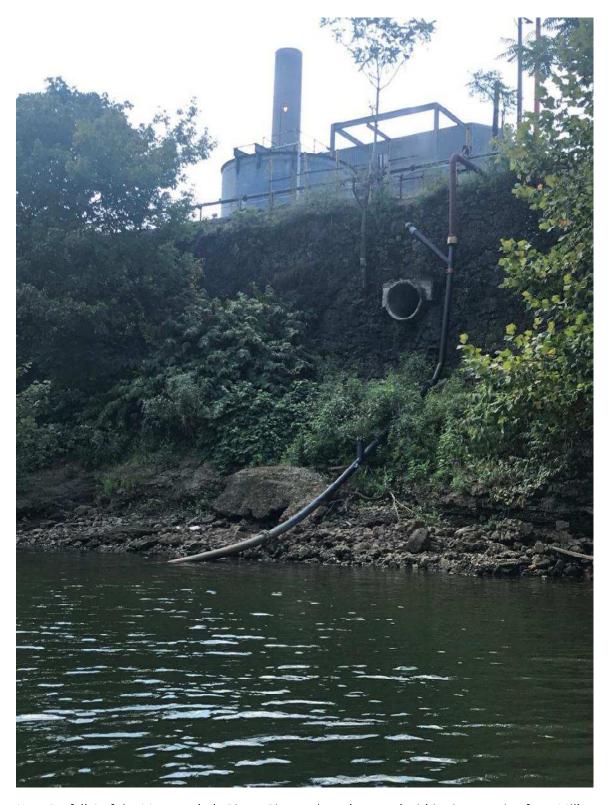


New Outfall B of the Monongahela River. Note existing concrete outlet channel 24" RCP



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	New C	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>50.42</u> "	
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>13.16</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	22/18
			Amount of Prev	ious Precipitation: 0.	66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	☐ RCP ☐ CMP	⊠ Circula	r 🗌 Single	Diameter: 8 in	⊠ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	⊠ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	oid	Depth: in	
	☐ Earthen	☐ Parabo	olic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		•
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection? 🖂	Yes No (It	No, skip to Certificatio	n Section)
Description of Flow Ra	ate: 🗌 Trickle 🗵 Mode	erate 🗌 Si	gnificant 🔲 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color?					
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.					
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ⊠ No

Were sample(s) collected	of the dry weat	her flow? 🗌 Ye	Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
	FIELD / LABORATORY ANALYSIS									
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS					
Flow Rate		GPM	Fecal Coliform		No./100 mL					
рН		S.U.	COD		mg/L					
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L					
Conductivity		µmhos/cm	TSS		mg/L					
Ammonia-Nitrogen		mg/L	TDS		mg/L					
Other:			Oil and Grease		mg/L					
Other:			Other:							
Indicate the parameters a	bove that were	analyzed by a DE	EP-certified laboratory:							
		ILLICIT D	ISCHARGES							
Is the dry weather flow an	illicit discharge	? 🗌 Yes 🔯	No							
If Yes, describe efforts ma	ade to determine	e the source(s) of	f the illicit discharge.							
Describe corrective action	s taken by the p	oermittee in respo	onse to the finding of an i ll icit	discharge.						
Inspector Comments:										
Outlets to the Monongahela River. Outfall totally submerged within river. Moderate flow evident at water surface of river during inspection but flow appeared clear with no odors. Unable to determine temperature of flow. Pipe/hose was coming from the Mill property and further coordination must be conducted to determine substance being outletted into the river.										
	RESF	PONSIBLE OF	FICIAL CERTIFICATION	N						
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).										
Robert A. Nedzesky, P.E	<u>.</u>		RochAL	بعمدد						
Responsible Official Nan	ne		Signature	97						
412-257-8774			June 28, 2018							
Telephone No. Date										



New Outfall C of the Monongahela River. Pipe outlet submerged within river coming from Mill property above. (Potential Illicit Discharge)



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	New D	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>50.42</u> "	
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>13.16</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	22/18
			Amount of Prev	ious Precipitation: 0.	66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	⊠ RCP □ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>30</u> in	☐ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	oid	Depth: in	
	☐ Earthen	☐ Parabo	lic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		•
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes 🛛 No (If	No, skip to Certificatio	n Section)
Description of Flow Ra	ate: 🗌 Trickle 🗌 Mode	erate 🗌 Si	gnificant 🗵 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color?					
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.					
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ⊠ No

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
FIELD / LABORATORY ANALYSIS							
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
рН		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters al	oove that were	analyzed by a DE	P-certified laboratory:				
			ISCHARGES				
la tha almooraath and lacorae							
Is the dry weather flow an	_						
If Yes, describe efforts ma	ide to determine	e the source(s) of	the illicit discharge.				
Describe corrective action	s taken by the p	permittee in respo	onse to the finding of an illicit	discharge.			
Inspector Comments:							
·	sela Diver IIna	hle to measure t	the pipe because the scree	ning was perfor	med from a		
small boat in the river.	No flow during on with the mil	inspection. No I must be condu	erosion at outfall, outlets h icted to determine use of p	igh on the bank	above the		
	RESF	ONSIBLE OF	FICIAL CERTIFICATIO	N			
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E			Rock	معدد			
Responsible Official Nam	ne		Signature	0.7			
412-257-8774			June 28, 2018				
Telephone No. Date							



New Outfall D of the Monongahela River. Pipe outlet coming from Mill property above. 30" RCP



BACKGROUND INFORMATION						
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283		
Date of Inspection:	June 26, 2018		Outfall ID No.:	New E		
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>49.85</u> "		
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>5.36</u> "		
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No	
	Other:		Date of Previous	s Precipitation: 6/	22/18	
			Amount of Prev	ious Precipitation: 0.	66 in	
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No	
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No	
	OU	TFALL DE	SCRIPTION			
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED	
	⊠ RCP □ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>30</u> in	☐ In Water	
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment	
	☐ Steel ☐ Other	□ Вох	☐ Triple			
		☐ Other	☐ Other			
☐ Open Channel	☐ Concrete	☐ Trapez	oid	Depth: in		
	☐ Earthen	☐ Parabo	lic Top Width: in			
	☐ Rip-Rap	☐ Other	Bottom Width:		•	
	☐ Other					
Dry Weather Flow Pre	esent at Outfall During Insp	ection? 🖂	Yes No (It	No, skip to Certificatio	n Section)	
Description of Flow Ra	ate: 🛛 Trickle 🗌 Mode	erate 🗌 Si	gnificant 🔲 N/A	4		
	DRY WE	ATHER FL	OW EVALUA	TION		
Does the dry weather flow contain color? Yes No If Yes, provide a description below.						
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.						
Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No If Yes, provide a description below.						
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ⊠ No	

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
FIELD / LABORATORY ANALYSIS							
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
pH		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters above that were analyzed by a DEP-certified laboratory:							
		ILLICIT D	ISCHARGES				
Is the dry weather flow an	illicit discharge	? 🗌 Yes 🛛	No				
If Yes, describe efforts made to determine the source(s) of the illicit discharge. Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.							
Inspector Comments:							
Circular brick pipe outlets to the Monongahela River. Unable to measure the pipe because the screening was performed from a small boat in the river. Unable to determine if dry weather flow was present during inspection due to the entire bottom of the pipe being eroded away. Invert of pipe area looked damp. No odor or color present at the time of inspection. Moderate erosion at outfall. Outlets just above normal river water surface elevation. Further coordination with the mill must be conducted to determine use of pipe, frequency of discharge and potential contaminants that may be tributary to the system.							
RESPONSIBLE OFFICIAL CERTIFICATION							
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E	я.		Rock	ww			
Responsible Official Nam	ne		Signature	27			

412-257-8774	June 28, 2018
Telephone No.	Date

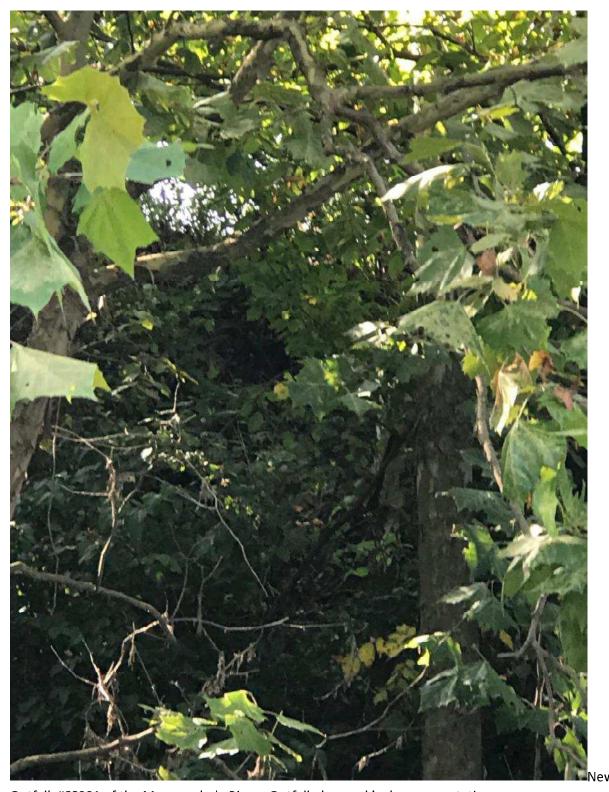


New Outfall E of the Monongahela River. Note invert of pipe eroded away. 30" RCP/Brick



BACKGROUND INFORMATION						
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283		
Date of Inspection:	June 26, 2018		Outfall ID No.:	SS 001		
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>43.51</u> "		
	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>57.73</u> "		
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No	
	Other:		Date of Previous	s Precipitation: 6/	22/18	
			Amount of Prev	ious Precipitation: 0.	66 in	
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No	
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No	
	OU	TFALL DE	SCRIPTION			
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED	
	☐ RCP ☐ CMP	⊠ Circula	r 🗌 Single	Diameter: 24 in	☐ In Water	
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment	
	☐ Steel ☐ Other	□ Вох	☐ Triple			
		☐ Other	☐ Other			
☐ Open Channel	☐ Concrete	☐ Trapez	oid Depth: in			
	☐ Earthen	☐ Parabo	lic Top Width: in			
	☐ Rip-Rap	☐ Other		Bottom Width:		
	☐ Other					
Dry Weather Flow Pre	esent at Outfall During Insp	ection? 🖂	Yes No (It	No, skip to Certificatio	n Section)	
Description of Flow Ra	ate: 🛛 Trickle 🗌 Mode	erate 🗌 Si	gnificant 🔲 N/A	4		
	DRY WE	ATHER FL	OW EVALUA	TION		
Does the dry weather flow contain color? Yes No If Yes, provide a description below.						
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.						
Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No If Yes, provide a description below.						
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ⊠ No	

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
FIELD / LABORATORY ANALYSIS							
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
рН		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters a	bove that were	analyzed by a DE	EP-certified laboratory:				
		ILLICIT D	ISCHARGES				
Is the dry weather flow an	illicit discharge	? ☐ Yes ⊠ I	No				
If Yes, describe efforts made to determine the source(s) of the illicit discharge.							
Describe corrective action	is taken by the p	oermittee in respo	onse to the finding of an illicit	discharge.			
Inspector Comments:							
Outlets to the Monongahela River. Unable to measure the pipe because the screening was performed from a small boat in the river. No flow during inspection. No erosion at outfall, outlets high on the bank above the river. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe on top of the embankment.							
	RESF	ONSIBLE OF	FICIAL CERTIFICATION	N			
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E	<u>.</u>		Roce A.	العدد			
Responsible Official Nan	ne		Signature	9.7			
412-257-8774			June 28, 2018				
Telephone No. Date							

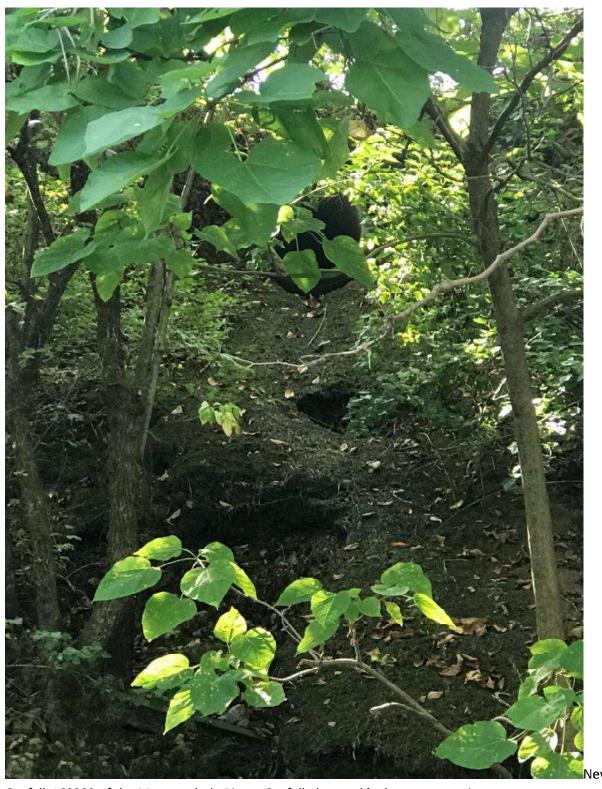


Outfall #SS001 of the Monongahela River. Outfall obscured by heavy vegetation.



BACKGROUND INFORMATION						
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283		
Date of Inspection:	June 26, 2018		Outfall ID No.:	SS002		
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>45.26</u> "		
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>54.41</u> "		
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No	
	Other:		Date of Previous	s Precipitation: 6/	22/18	
			Amount of Prev	ious Precipitation: 0.	66 in	
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No	
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No	
	OU	TFALL DE	SCRIPTION			
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED	
	⊠ RCP □ CMP	⊠ Circula	r 🗌 Single	Diameter: 24 in	☐ In Water	
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment	
	☐ Steel ☐ Other	□ Вох	☐ Triple			
		☐ Other	☐ Other			
☐ Open Channel	☐ Concrete	☐ Trapez	oid	Depth: in		
	☐ Earthen	☐ Parabo	lic Top Width: in			
	☐ Rip-Rap	☐ Other	Bottom Width:		•	
	☐ Other					
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes 🛛 No (If	No, skip to Certificatio	n Section)	
Description of Flow Ra	ate: 🗌 Trickle 🗌 Mode	erate 🗌 Si	gnificant 🔲 N/A	4		
	DRY WE	ATHER FL	OW EVALUA	TION		
Does the dry weather flow contain color? Yes No If Yes, provide a description below.						
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.						
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.						
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ☐ No	

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)								
	FIELD / LABORATORY ANALYSIS							
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS			
Flow Rate		GPM	Fecal Coliform		No./100 mL			
рН		S.U.	COD		mg/L			
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L			
Conductivity		µmhos/cm	TSS		mg/L			
Ammonia-Nitrogen		mg/L	TDS		mg/L			
Other:			Oil and Grease		mg/L			
Other:			Other:					
Indicate the parameters a	bove that were	analyzed by a DE	EP-certified laboratory:					
		ILLICIT D	ISCHARGES					
Is the dry weather flow an	illicit discharge	?	No					
If Yes, describe efforts made to determine the source(s) of the illicit discharge.								
Describe corrective action	ıs taken by the բ	oermittee in respo	onse to the finding of an i ll icit	discharge.				
Inspector Comments:								
Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. No flow during inspection. Mild erosion at outfall, but outlets high on the bank above the river. Recommend performing next inspection in the spring prior to heavy foliage. Recommend marking the location of the outlet on the top of the embankment.								
	RESF	ONSIBLE OF	FICIAL CERTIFICATION	N				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).								
Robert A. Nedzesky, P.E			Rock A.	we				
Responsible Official Nan	ne		Signature	9.7				
412-257-8774			June 28, 2018					
Telephone No. Date								



Outfall #SS002 of the Monongahela River. Outfall obscured by heavy vegetation.

24" RCP



BACKGROUND INFORMATION						
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283		
Date of Inspection:	June 26, 2018		Outfall ID No.:	SS003		
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>46.88</u> "		
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>50.71</u> "		
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No	
	Other:		Date of Previous	s Precipitation: 6/	22/18	
			Amount of Prev	ious Precipitation: 0.	66 in	
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No	
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No	
	OU	TFALL DE	SCRIPTION			
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED	
	☐ RCP ☐ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>36</u> in	☐ In Water	
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment	
	☐ Steel ☐ Other	□ Вох	☐ Triple			
		☐ Other	☐ Other			
☐ Open Channel	☐ Concrete	☐ Trapez	oid Depth: in			
	☐ Earthen	☐ Parabo	lic Top Width: in			
	☐ Rip-Rap	☐ Other	Bottom Width:		•	
	☐ Other					
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes 🛛 No (If	No, skip to Certificatio	n Section)	
Description of Flow Ra	ate: 🗌 Trickle 🗌 Mode	erate 🗌 Si	gnificant 🔲 N/A	4		
	DRY WE	ATHER FL	OW EVALUA	TION		
Does the dry weather flow contain color? Yes No If Yes, provide a description below.						
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.						
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.						
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ☐ No	

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)								
	FII	ELD / LABOR	ATORY ANALYSIS					
PARAMETER RESULTS UNITS PARAMETER RESULTS UNITS								
Flow Rate		GPM	Fecal Coliform		No./100 mL			
pH		S.U.	COD		mg/L			
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L			
Conductivity		µmhos/cm	TSS		mg/L			
Ammonia-Nitrogen		mg/L	TDS		mg/L			
Other:			Oil and Grease		mg/L			
Other:			Other:					
Indicate the parameters al	pove that were	analyzed by a DE	EP-certified laboratory:					
		ILLICIT D	ISCHARGES					
Is the dry weather flow an	illicit discharge	?	No					
If Yes, describe efforts ma			onse to the finding of an illici	t discharge.				
Inspector Comments: Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. No flow at the time of inspection. Outfall located high on bank about river with mild erosion evident. Recommend performing next inspection in the spring prior to heavy foliage and marking the approximate location of the outlet on top of the embankment.								
	RESF	PONSIBLE OF	FICIAL CERTIFICATION	ON				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).								
Robert A. Nedzesky, P.E	•		Rock A.	WL				
Responsible Official Nam	ne		Signature	4.7				
412-257-8774			June 28, 2018					
Telephone No. Date								



Outfall #SS003 of the Monongahela River. Outfall obscured by heavy vegetation.



BACKGROUND INFORMATION						
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283		
Date of Inspection:	June 26, 2018		Outfall ID No.:	SS 004		
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>49.09</u> "		
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>44.74</u> "		
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No	
	Other:		Date of Previous	s Precipitation: 6/	22/18	
			Amount of Prev	ious Precipitation: 0.	66 in	
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No	
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No	
	OU	TFALL DE	SCRIPTION			
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED	
	⊠ RCP □ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>36</u> in	☐ In Water	
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment	
	☐ Steel ☐ Other	□ Вох	☐ Triple			
		☐ Other	☐ Other			
☐ Open Channel	☐ Concrete	☐ Trapez	oid	Depth: in		
	☐ Earthen	☐ Parabo	olic	c Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		•	
	☐ Other					
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes 🛭 No (If	No, skip to Certificatio	n Section)	
Description of Flow Ra	ate: 🗌 Trickle 🗌 Mode	erate 🗌 Si	ignificant 🔲 N/A	4		
	DRY WE	ATHER FL	OW EVALUA	TION		
Does the dry weather flow contain color? Yes No If Yes, provide a description below.						
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.						
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.						
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ☐ No	

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)								
FIELD / LABORATORY ANALYSIS								
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS			
Flow Rate		GPM	Fecal Coliform		No./100 mL			
рН		S.U.	COD		mg/L			
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L			
Conductivity		µmhos/cm	TSS		mg/L			
Ammonia-Nitrogen		mg/L	TDS		mg/L			
Other:			Oil and Grease		mg/L			
Other:			Other:					
Indicate the parameters al	bove that were	analyzed by a DE	P-certified laboratory:					
		ILLICIT D	ISCHARGES					
Is the dry weather flow an	illicit discharge							
If Yes, describe efforts ma	_							
Describe corrective action	s taken by the p	permittee in respo	onse to the finding of an illicit	discharge.				
				_				
Inspector Comments:								
Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. No flow at the time of inspection. Outfall located high on the bank above river with no erosion present. Recommend performing the next inspection in the spring prior to heavy foliage and marking the approximate location of the outlet on the top of the embankment.								
	RESF	ONSIBLE OF	FICIAL CERTIFICATIO	N				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).								
Robert A. Nedzesky, P.E			Rock	العماد				
Responsible Official Nam			Signature	27				
412-257-8774			June 28, 2018					
Telephone No. Date								



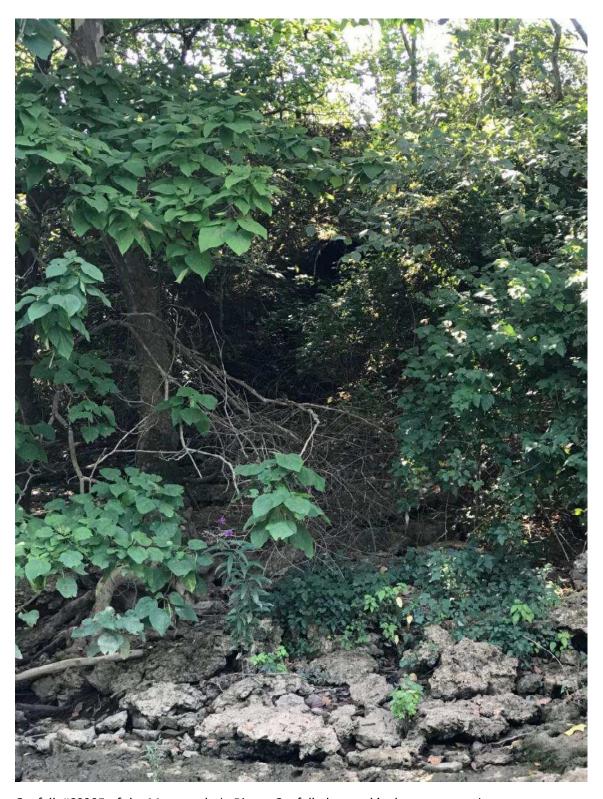
#SS004 of the Monongahela River. Outfall obscured by heavy vegetation.

36" RCP



BACKGROUND INFORMATION						
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283		
Date of Inspection:	June 26, 2018		Outfall ID No.:	SS005		
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>50.92</u> "		
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>38.04</u> "		
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No	
	Other:		Date of Previous	s Precipitation: 6/	22/18	
			Amount of Prev	ious Precipitation: 0.	66 in	
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No	
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No	
	OU	TFALL DE	SCRIPTION			
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED	
	☐ RCP ☐ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>36</u> in	☐ In Water	
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment	
	☐ Steel ☐ Other	□ Вох	☐ Triple			
		☐ Other	☐ Other			
☐ Open Channel	☐ Concrete	☐ Trapez	oid Depth: in			
	☐ Earthen	☐ Parabo	lic Top Width: in			
	☐ Rip-Rap	☐ Other		Bottom Width:		
	☐ Other					
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes 🛛 No (If	No, skip to Certificatio	n Section)	
Description of Flow Ra	ate: 🗌 Trickle 🗌 Mode	erate 🗌 Si	gnificant 🔲 N/A	4		
	DRY WE	ATHER FL	OW EVALUA	TION		
Does the dry weather flow contain color? Yes No If Yes, provide a description below.						
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.						
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.						
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ☐ No	

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
FIELD / LABORATORY ANALYSIS							
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
рН		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters al	bove that were a	analyzed by a DE	P-certified laboratory:				
		II LICIT D	ISCHARGES				
Is the dry weather flow an	illicit discharge						
If Yes, describe efforts ma	_						
Describe corrective action	s taken by the p	permittee in respo	onse to the finding of an illicit	discharge.			
Inspector Comments:							
Outlets to the Monongahela River. Unable to measure the pipe because the screening was performed from a small boat in the river. No flow at the time of inspection. Outfall located high on bank above the river with moderate erosion evident. Recommend performing the next inspection in the spring prior to heavy foliage and marking the approximate location of the outlet on the top of the embankment.							
	RESP	ONSIBLE OF	FICIAL CERTIFICATIO	N			
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E			Rock AL	بعدد			
Responsible Official Nam			Signature	-27			
412-257-8774			June 28, 2018				
Telephone No. Date							



Outfall #SS005 of the Monongahela River. Outfall obscured by heavy vegetation. 36" CPP



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	SS 006	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>51.74</u> "	
⊠ Industrial	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>53</u> ' <u>30.94</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	22/18
			Amount of Prev	ious Precipitation: 0.	66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	☐ RCP ☐ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>36</u> in	☐ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	coid Depth: in		
	☐ Earthen	☐ Parabo	olic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		•
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes 🛭 No (If	No, skip to Certificatio	n Section)
Description of Flow Ra	ate: 🗌 Trickle 🗌 Mode	erate 🗌 Si	ignificant 🗵 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color?					
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.					
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ☐ No

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
	FIELD / LABORATORY ANALYSIS						
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
рН		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters a	bove that were	analyzed by a DE	EP-certified laboratory:				
		ILLICIT D	ISCHARGES				
Is the dry weather flow an	illicit discharge	?	No				
If Yes, describe efforts made to determine the source(s) of the illicit discharge.							
Describe corrective action	ıs taken by the բ	oermittee in respo	onse to the finding of an illicit	discharge.			
Inspector Comments:							
Outlets to the Monongahela River. The screening was performed from a small boat in the river. Unable to physically measure the pipe. No dry flow was observed. Outfall located high on the bank above the river with moderate erosion evident. Recommend performing the next inspection in the spring prior to heavy foliage and marking the approximate location of the outlet on the top of the embankment.							
	RESF	ONSIBLE OF	FICIAL CERTIFICATION	N			
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E	<u>.</u>		Rock A.	العمدد			
Responsible Official Nan	ne		Signature	9.7			
412-257-8774			June 28, 2018				
Telephone No. Date							



Outfall #SS006 of the Monongahela River. Outfall obscured by heavy vegetation.



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	SS007	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>09</u> ' <u>39.77</u> "	
	□ Urban Residenti	al	Longitude:	<u>79</u> ° <u>52</u> ' <u>03.24</u> "	
☐ Commercial	☐ Suburban Resid	lential	Dry Weather Ins	spection? Xes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	22/18
			Amount of Prev	ious Precipitation: 0.	66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	⊠ RCP □ CMP	☐ Circula	r 🗌 Single	Diameter: 36x60 in	☐ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	☐ Steel ☐ Other	⊠ Box	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	coid Depth: in		
	☐ Earthen	☐ Parabo	olic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		•
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection? 🖂	Yes No (If	No, skip to Certificatio	n Section)
Description of Flow Ra	ate: 🗌 Trickle 🛚 Mode	erate 🗌 Si	ignificant 🔲 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color?					
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.					
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ⊠ No

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
	FIELD / LABORATORY ANALYSIS						
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
рН		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters a	bove that were	analyzed by a DE	EP-certified laboratory:				
		ILLICIT D	ISCHARGES				
Is the dry weather flow an	illicit discharge	? ☐ Yes ⊠ I	No				
If Yes, describe efforts ma	ade to determine	e the source(s) of	the illicit discharge.				
Describe corrective action	ns taken by the p	oermittee in respo	onse to the finding of an illicit	discharge.			
Inspector Comments:							
Outlets to the Monongahela River. The outfall is accessible by walking along the bank of the river from the boat dock. The box culvert was in good shape with about 2" of steady clean stormwater flow from unnamed tributary #2 to the Monongahela River. No odor, sheen or color was associated with the flow. Mild erosion evident at outfall of pipe, but downstream channel stable.							
	RESPONSIBLE OFFICIAL CERTIFICATION						
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E	<u>.</u>		Rock	بعدد			
Responsible Official Nan	ne		Signature	03			
412-257-8774			June 28, 2018				
Telephone No. Date							



Outfall #SS007 of the Monongahela River. Outfall obscured by heavy vegetation.

36" x 60" box culvert

UNT#1 to the Monongahela River Outfall Screening Reports



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	001	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>08</u> ' <u>41.89</u> "	
☐ Industrial	☐ Urban Residenti	al	Longitude:	<u>79</u> ° <u>52</u> ' <u>4.47</u> "	
☐ Commercial	Suburban Resid Secondary Secon	lential	Dry Weather Ins	spection? Xes	☐ No
☐ Open Space	Other:		Date of Previous	s Precipitation: 6/	22/18
			Amount of Prev	ious Precipitation: 0.	66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	☐ RCP ☐ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>24</u> in	☐ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	coid Depth: in		
	☐ Earthen	☐ Parabo	olic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		•
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes 🛭 No (If	No, skip to Certificatio	n Section)
Description of Flow Ra	ate: 🗌 Trickle 🛚 Mode	erate 🗌 Si	ignificant 🔲 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color?					
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.					
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ⊠ No

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
FIELD / LABORATORY ANALYSIS							
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
рН		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters al	bove that were	analyzed by a DE	EP-certified laboratory:				
		ILLICIT D	ISCHARGES				
Is the dry weather flow an	illicit discharge	? 🗌 Yes 🛛 I	No				
If Yes, describe efforts made to determine the source(s) of the illicit discharge.							
Describe corrective action	s taken by the p	permittee in respo	onse to the finding of an illic	it discharge.			
Inspector Comments:							
Outlets to the UNT #1 to the Monongahela River along Grand Boulevard. No flow during inspection. Pipe is located at the toe of slope in amongst heavy brush and debris and carries stormwater flow from the Spring Drive area and outlets into the stream channel. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe with paint or PennDOT approved delineator paddles along UNT#1 channel.							
RESPONSIBLE OFFICIAL CERTIFICATION							
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E	<u>. </u>		Roce A	ww			
Responsible Official Nam	ne		Signature	9.7			
412-257-8774	412-257-8774 June 28, 2018						

Telephone No.	Date



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	002	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>08</u> ' <u>40.32</u> "	
☐ Industrial	☐ Urban Residenti	al	Longitude:	<u>79</u> ° <u>52</u> ' <u>4.96</u> "	
☐ Commercial	Suburban Resid Subu	lential	Dry Weather Ins	spection? Xes	☐ No
	Other:		Date of Previous	s Precipitation: 6/	22/18
			Amount of Prev	ious Precipitation: 0.	66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛚 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	☐ RCP ☐ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>12</u> in	☐ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		⊠ With Sediment
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	oid Depth: in		
	☐ Earthen	☐ Parabo	olic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		•
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes 🛛 No (If	No, skip to Certificatio	n Section)
Description of Flow Ra	ate: 🗌 Trickle 🗌 Mode	erate 🗌 Si	gnificant 🛚 N/A	4	
	DRY WE	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color?					
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.					
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	☐ Yes ⊠ No

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)							
FIELD / LABORATORY ANALYSIS							
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS		
Flow Rate		GPM	Fecal Coliform		No./100 mL		
рН		S.U.	COD		mg/L		
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L		
Conductivity		µmhos/cm	TSS		mg/L		
Ammonia-Nitrogen		mg/L	TDS		mg/L		
Other:			Oil and Grease		mg/L		
Other:			Other:				
Indicate the parameters above that were analyzed by a DEP-certified laboratory:							
		ILLICIT D	ISCHARGES				
Is the dry weather flow an	illicit discharge	? ☐ Yes ⊠ I	No				
If Yes, describe efforts made to determine the source(s) of the illicit discharge. Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.							
Inspector Comments:							
Outlets to the UNT #1 to the Monongahela River along Grand Boulevard. No flow during inspection. Pipe is located at the toe of slope in amongst heavy brush and debris and carries stormwater flow from Grand Boulevard and outlets into the stream channel. Pipe outlet was crushed, but visible. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe with paint or PennDOT approved delineator paddles along UNT#1 channel.							
RESPONSIBLE OFFICIAL CERTIFICATION							
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).							
Robert A. Nedzesky, P.E	я		Rock	NAW			
Responsible Official Nam	ne		Signature	4.7			
412-257-8774 June 28, 2018							

Telephone No.	Date



Outfall #2 of UNT #1 to the Monongahela River along Grand Boulevard Unknown pipe size and type



BACKGROUND INFORMATION					
Permittee Name:	City of Monessen		NPDES Permit	No.: PA G136283	
Date of Inspection:	June 26, 2018		Outfall ID No.:	003	
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>08</u> ' <u>39.93</u> "	
☐ Industrial	☐ Urban Residenti	al	Longitude:	<u>79</u> ° <u>52</u> ' <u>15.84</u> "	
☐ Commercial	Suburban Resid Subu	lential	Dry Weather Ins	spection? 🛛 Yes	☐ No
☐ Open Space	Other:		Date of Previous	s Precipitation: 6/	/22/18
			Amount of Prev	ious Precipitation: 0 .	.66 in
	ohn M. Casagranda and A	\dam D.	Were Photograp	ohs Taken? 🛛 Yes	☐ No
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No
	OU	TFALL DE	SCRIPTION		
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED
	⊠ RCP □ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>18</u> in	☐ In Water
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment
	☐ Steel ☐ Other	□ Вох	☐ Triple		
		☐ Other	☐ Other		
☐ Open Channel	☐ Concrete	☐ Trapez	roid Depth: in		
	☐ Earthen	☐ Parabo	olic Top Width: in		
	☐ Rip-Rap	☐ Other	Bottom Width:		-
	☐ Other				
Dry Weather Flow Pre	esent at Outfall During Insp	ection?	Yes ⊠ No (If	No, skip to Certification	on Section)
Description of Flow Ra	ate: 🗌 Trickle 🗌 Mode	erate 🗌 S	ignificant 🛚 N/A	4	
	DRY WEA	ATHER FL	OW EVALUA	TION	
Does the dry weather flow contain color? Yes No If Yes, provide a description below.					
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.					
Is there an observed change in the receiving waters as a result of the discharge? Yes No If Yes, provide a description below.					
Does the dry weather If Yes, provide a desc	flow contain floating solids ription below.	, scum, shee	en or substances	that result in deposits?	' ☐ Yes ⊠ No

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)					
FIELD / LABORATORY ANALYSIS					
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
рН		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other:			Oil and Grease		mg/L
Other:			Other:		
Indicate the parameters above that were analyzed by a DEP-certified laboratory:					
ILLICIT DISCHARGES					
Is the dry weather flow an illicit discharge? ☐ Yes ☒ No					
If Yes, describe efforts made to determine the source(s) of the illicit discharge. Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.					
Inspector Comments:					
Outlets to the UNT #1 to the Monongahela River along Grand Boulevard. No flow during inspection. Pipe is located at the toe of slope in amongst brush and debris and carries stormwater flow from Grand Boulevard and outlets into the stream channel. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe with paint or PennDOT approved delineator paddles along Grand Boulevard.					
RESPONSIBLE OFFICIAL CERTIFICATION					
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).					
Robert A. Nedzesky, P.E			Rock	NAX	
Responsible Official Nam	ne		Signature	4.7	
412-257-8774 J			June 28, 2018		

Telephone No.	Date



Outfall #3 of UNT #1 to the Monongahela River along Grand Boulevard 18" CPP (outfall obscured by heavy vegetation)



BACKGROUND INFORMATION						
Permittee Name: City of Monessen			NPDES Permit	No.: PA G136283		
Date of Inspection: June 26, 2018			Outfall ID No.:	004		
Land Uses in Outfall [Orainage Area (Select All):		Latitude:	<u>40</u> ° <u>08</u> ' <u>39.77</u> "		
☐ Industrial ☐ Urban Residential			Longitude:	<u>79</u> ° <u>52</u> ' <u>17.85</u> "		
☐ Commercial	Suburban Resid Subu	lential	Dry Weather Inspection? ⊠ Yes ☐ No			
☐ Open Space	Other:		Date of Previous Precipitation: 6/22/18			
			Amount of Previous Precipitation: 0.66 in			
	ohn M. Casagranda and A	\dam D.	Were Photographs Taken? ⊠ Yes ☐ No			
Polachek			Are Photograph	s Attached? 🛛 Yes	☐ No	
	OU	TFALL DE	SCRIPTION			
TYPE	MATERIAL	S	HAPE	DIMENSIONS	SUBMERGED	
	☐ RCP ☐ CMP	⊠ Circula	r 🗌 Single	Diameter: <u>18</u> in	⊠ In Water	
	☐ PVC ☐ HDPE	☐ Elliptica	al 🗌 Double		☐ With Sediment	
	☐ Steel ☐ Other	□ Вох	☐ Triple			
		☐ Other	☐ Other			
☐ Open Channel	☐ Concrete	☐ Trapez	oid	Depth: in		
	☐ Earthen	☐ Parabo	olic Top Width: in			
	☐ Rip-Rap	☐ Other	Bottom Width:		•	
☐ Other						
Dry Weather Flow Present at Outfall During Inspection? Yes No (If No, skip to Certification Section)						
Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☒ N/A						
DRY WEATHER FLOW EVALUATION						
Does the dry weather flow contain color?						
Does the dry weather flow contain an odor? Yes No If Yes, provide a description below.						
Is there an observed change in the receiving waters as a result of the discharge? $\ \square$ Yes $\ \boxtimes$ No If Yes, provide a description below.						
Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? Yes No If Yes, provide a description below.						

Were sample(s) collected of the dry weather flow? Yes No (If Yes, No. Samples:)					
FIELD / LABORATORY ANALYSIS					
PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
рН		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other:			Oil and Grease		mg/L
Other:			Other:		
Indicate the parameters above that were analyzed by a DEP-certified laboratory:					
ILLICIT DISCHARGES					
Is the dry weather flow an illicit discharge? ☐ Yes ☒ No					
If Yes, describe efforts made to determine the source(s) of the illicit discharge. Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.					
Inspector Comments:					
Outlets to the UNT #1 to the Monongahela River along Grand Boulevard. End of pipe submerged in standing water, therefore unable to determine flow during inspection. Pipe is located upstream of City Park Road, and carries stormwater/stream flow under a residence and outlets into the stream channel. Recommend performing future inspections in the spring prior to heavy foliage and marking the location of the outlet pipe with paint or PennDOT approved delineator paddles along UNT#1 channel.					
RESPONSIBLE OFFICIAL CERTIFICATION					
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).					
Robert A. Nedzesky, P.E			Rock	NAX	
Responsible Official Nam	ne		Signature	4.4	
412-257-8774 J			June 28, 2018		

Telephone No.	Date



Outfall #4 of UNT #1 to the Monongahela River along Grand Boulevard $18^{\prime\prime}$ CPP