



YORK COUNTY  
SOLID WASTE AND REFUSE AUTHORITY

2700 Blackbridge Road, York, PA 17406-7901 Phone (717) 845-1066 Fax (717) 843-1544

November 8, 2016

Maria Bebenek  
Manager, Clean Water Program  
DEP, SCRO  
909 Elmerton Avenue  
Harrisburg, Pa 17110

RE: Monthly Report, Site-Specific Study Plan, October 2016

Dear Ms. Bebenek;

In accordance with Section 3.e of the August 21, 2015 Consent Order and Agreement, the following is the October 2016 monthly report for the Site-Specific Study.

Activities Accomplished:

- Field work was conducted on October 18, 2016. The first set of monthly water quality samples and the first annual fish tissue samples were collected. See attached photographs.
- Tissue and water quality samples were sent to Brooks Applied Laboratory.
- NPDES-1 and NPDES-2 low level mercury samples were sent to Geochemical Testing and Brooks Applied Laboratory.

Results Received:

- Attached is the Summary of Composite Fish Samples from the October 18, 2016 sampling event.
- Attached are low level mercury results for NPDES-1 and NPDES-2 as submitted to Geochemical Testing.
- No results have been received from Brooks Applied Laboratory for water quality or tissue samples.

Feel free to contact me if you have any questions or comments on the information provided in this monthly report.

Respectfully,

Richard A. Hazenstab, P.G.  
Coordinator  
Operations and Environmental Programs

cc: D. Vollero; D. Jasitt; J. Beuschlein; J. Collins

Photographs from the October 18, 2016 sample collection in Rambo Run

Figure 1: Sealing the double bagged methylmercury sample at station RR1



Figure 2: Fish Tissue Collection at station RR1





Photographs from the October 18, 2016 sample collection in Ebaughs Creek

Figure 3: Fish Sample at station EC2



Figure 4: Collecting fish samples and stream discharge at station EC2



Table 1  
Summary of Composite Fish Samples  
York County Solid Waste and Refuse Authority  
York County, Pennsylvania

Species	Composite Number	Fish ID	Length	Weight
Rambo Run				
Brown Trout	Composite I	BNT-01	300	278
		BNT-02	280	216
		BNT-03	254	176
		BNT-04	242	156
		BNT-05	250	160
	Composite II	BNT-01	212	96
		BNT-02	240	150
		BNT-03	230	128
		BNT-04	268	188
		BNT-05	234	118
	Composite III	BNT-01	224	116
		BNT-02	210	98
		BNT-03	240	136
		BNT-04	230	130
		BNT-05	222	108
Ebaughs Creek				
Brown Trout	Composite I	BNT-01	250	150
		BNT-02	234	120
		BNT-03	240	136
		BNT-04	228	116
		BNT-05	268	194
	Composite II	BNT-01	206	74
		BNT-02	234	106
		BNT-03	240	122
		BNT-04	192	66
		BNT-05	206	76
	Composite III	BNT-01	266	202
		BNT-02	302	266
		BNT-03	250	150
		BNT-04	256	168
		BNT-05	300	242
American Eel	Composite I	AME-01	560	340
		AME-02	580	378
		AME-03	590	352
		AME-04	490	208
	Composite II	AME-01	415	124
		AME-02	350	74
		AME-03	340	96
		AME-04	400	136
	Composite III	AME-01	300	54
		AME-02	360	68
AME-03		290	42	

## Laboratory Results

### Geochemical Testing

Date: 21-Oct-16

<b>CLIENT:</b>	YORK COUNTY SWRA	<b>Client Sample ID:</b>	NPDES-1	
<b>Lab Order:</b>	G1610989			Stream Study
<b>Project:</b>	York County SWRA 600 Q	<b>Sampled By:</b>	Client (RH)	
<b>Lab ID:</b>	G1610989-001	<b>Collection Date:</b>	10/18/2016 3:25:00 PM	
<b>Matrix:</b>	AQUEOUS	<b>Received Date:</b>	10/19/2016 12:03:50 PM	

Analyses	Result	QL	Q	Units	DF	Date Prepared	Date Analyzed
<b>TOTAL METALS</b>							
		Analyst: SLY				<b>EPA 245.7</b>	<b>EPA 245.7</b>
Mercury	208	20.0		ng/L	10	10/19/16 3:20 PM	10/20/16 11:31 AM

## Laboratory Results

### Geochemical Testing

Date: 21-Oct-16

<b>CLIENT:</b>	YORK COUNTY SWRA	<b>Client Sample ID:</b>	NPDES-2
<b>Lab Order:</b>	G1610990		Stream Study
<b>Project:</b>	York County SWRA 600 Q	<b>Sampled By:</b>	Client (RH)
<b>Lab ID:</b>	G1610990-001	<b>Collection Date:</b>	10/18/2016 3:06:00 PM
<b>Matrix:</b>	AQUEOUS	<b>Received Date:</b>	10/19/2016 12:11:15 PM

Analyses	Result	QL	Q	Units	DF	Date Prepared	Date Analyzed
<b>TOTAL METALS</b>							
		Analyst: SLY				<b>EPA 245.7</b>	<b>EPA 245.7</b>
Mercury	174	4.0		ng/L	2	10/19/16 3:20 PM	10/20/16 11:34 AM