

1803 Philladeiphia St. Indiana, FA 15701 2: (724) 463-7657 F: [724) 465-4209 PADEP: 32-10382 1276 Bentleyville Rd. Van Voornis, PA 15366 Pr. (724) 258-TEST FI (724) 258-8376 PADEP: 63-04247

1200 River Avenue Wallamsport, PA 17701 P; (570) 321-9002 F; (570) 321-1957 PADEP; 41-04260

04 September 2014

Work Order; 4082596 Project: Wastemater

Tri-County Joint Municipal Authority Attn: Actounts Payable P.O. Box 758 Frederickfown, PA 15333

#### Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
Upper Port	4082596-01	Waste Water	08/12/2014 16:00	08/22/2014 19:40
Mīddle Port	4082596-02	Waste Water	08/22/2014 16:00	08/22/2014 19:40

#### Report Narrative

The results contained in this report are only representative of the samples received. Environmental Service Laboratories, Inc. is not responsible for use or interpretation of the data included herein.

#### Definitions

ND Less than reporting limit

RL Reporting Limit

CFU Colony Forming Units

#### Certifications

Analyses performed by Environmental Service Laboratories, Inc., Indiana P.A. unless officerwise specified.
Environmental Service Laboratories, Inc., Indiana, P.A/TNI Certification #32-00382

Approved By

Triola Leiko For Anngela Chapman Vice President of Operations \* Jears





1803 Philadelphia St Indiana, PA 15701 P; (724) 463-TEST P; (724) 465-4209 PADEP: 32-08382 1276 Bentidyville Rd, Van Yoorks, PA 15865 Pr (724) 258-7637 F: (724) 258-8316 PADEP: 63-84247 1260 River Avenue Williamsport, PA 17701 P: (570) 321-9002 P: (570) 321-1957 PADEP: 41-04880

Reported: 09/04/2014 16:05

Tri-County Joint Municipal Authority P.O. Box 758 Fredericktown, PA 15333

Lab Sample ID#:

Sample Type: Sample Source: Sampler: Client Sample II): 4082596-01 Wasto Water Grab Robert Mangis Upper Port

Sample Date: Receipt Date: 08/22/2014 16:00 08/22/2014 19:40

				and the second second			
Analyte	Sample Result	Units	Data Qualifier	RL	Modern	Analyst/ Cortification	Annlysis Date/Time
Field Analysis		J-444-1111-4-4				·	
Chlorine, Total	0.040	mg/L			SM4500-CI G-00	RM	08/22/14 16:00
pH	6,59	Š,U,			SM4500-H B-00	RМ	08/22/14 16:00
General Chemistry						<u> </u>	· · · · · · · · · · · · · · · · · · ·
Total Suspended Solids ·	51	mg/L	•	5	SM2540 D-97	ZTR	08/29/14 09:30
Total Metals							
Alumhum	0.497	mg/L		0.010	EPA200.7 4.4	RAE	08/29/14 13:45
Iroti	0.121	mg/L -		0.020	EPA200,74.4	RAE	08/29/14 13:45
Monganose	0,101	mg/L	•	0.005	EPA200.7 4.4	RAE	08/29/14 13:45



1803 Philadelphia St. Indiana, PA 15701 P: (724) 463-7857 F: (724) 465-4209 PABER: 32-00382

1276 Bentleyville Rd, Van Voothis, PA 15366 P: [724] 258-1557 F: (724) 258-8376 PADEP: 63-04247 1200 River Averale V/III:amsport, PA, 17701 Pt (570) 321-9802 Pt (570) 321-1957 PADEPt 41-04880

Tri-County Joint Municipal Authority

P.O. Box 758

Fredericktown, PA 15333

Lab Sample ID#: Sample Type; Sample Source: Sampler; Chent Sample ID: 4082596-02 Waste Water Grab Robert Mangis Middle Port

Sample Date: Receîpt Date: 08/22/2014 16:00 08/22/2014 19:40

Reported: 09/04/2014 16:05

Analyte	Sample Result	Units	Data Qualifier	RL	Method	Applyst/ . Certification	Analysis Date/Time
Field Analysis					(and )	•	
Chlorine, Total	0.200	mg/L			SM4500-C1 G-00	RM	08/22/14 16:00
рH	6.42	s,u,			SM4500-HB-00	RM	08/22/14 16:00
General Chewistry							
Total Suspended Solids	. 29	mg/L		5	SM2540 D-97	ZTR	08/29/14 09:30
Total Metals		, <sup>*</sup>					
Aluminum	0.342	mg/L		0.010	EPA200.74.4	RAE	08/29/14 13:47
Iron .	0,065	mg/L		0.020	EPA200,7 4.4	rae	08/29/14 13:47
Manganeso	0.099	mg/L		0,005	EPA200.7 4.4	RAE	08/29/14 13:47

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Page 1 of 1

Sample Request 2 Chain of Custody			一般には、「別」は、「別」は、「は、「は、」では、「ない」という。
ENVIRONMENTAL	SERVICE LABORATORIES INC.	1803 PUNAdelpfike-Straof	Indiana, PA 45701

ASAKYICE LABORALORIES INC. Anter pultanprine stront FAXIO SEPTIME SEPTIME FAXIO SEPTIME FAXION	11看1111頁111區數利[損] 多具位		
Sample Type	4082596		
Sample Identification EST# Comp Grab LUS 2510 Date enter Time enter Time	Containers	Praservative	Analysis Requested
11/2/18	WW.	<u> </u>	Total Iron, Total Manganese L.T. Total Aluminum
	WW 1	Plasko Liter Note	755
	HELD FIELD	口迎亡	TRC: 11.04 015
Middle Purt Q2	WW.	Plastic Pint HND3	Total Iron, Total Mangahese
	WW 2.1	Plastic Liter	153
	FIELD RELD	FIELD	
	•		TRO: (1,20 PH: 6,47
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THE UNDERSONED PRINCIASSER, REFRENT AGREES TO PAY SERVICE CHARGES ON ACCOUNTS OVER STUDIES OF A STUDIES.  1. THERS SERVICE CHARGES WILL ACKCRIES TO THE PAYTE OF 1125, PER MONTH (1045 PER ANNUM OR THE MANIMUM ALLOWED BY LAW).  2. THE UNDERSONED PURCHESER AGREES TO PAY, IN THE FEVENT PACAGES BELINDIFFING THE SAVAINUM OR THRES OVER TO ANY ATTORNEY WERE OF THE MANIMUM OR STRONGES OF THE MANIMUM OR ST		Project ID:	
The first of the following the following seems this AL COURT AND ATTENDAM COLLECTION COSTS.			Week2
Sampled by Signalay A		Company/Name:	TRUCOLINITY JOINT MILK ALTER
Reinquested By (Standum) Dates Times 1940 Received By (Singum)	8-22-3-14 10-31 Dated Time	Address:	28 MONONGAHELA AVENUE CLARKSVILLE, PA 15322
Relirquished By: (Signature) Datef Time Received By: (Signature)	Date/ Time	Cuntact person:	107 TTO 107
Rolinquished By: (Signature) Table   Time   Received By: (Signature)   PRESERVATION (	Date/ Time	FAX: PWSID#	724-377-2212 5630045

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ted to the second



1803 Philadelphia St. Indiana, PA 15701 P: (724) 463-1651 F: (724) 465-4209 PADEP: 32-86882

1276 Bentleyville Rd. Van Voortis, PA 15366 P: (724) 258-TEST P: (724) 258-8376 PADEP: 53-04247

1200 River Avenute . VAIIIamsport, PA 17701 Pr (570) 321-9002 Pr (570) 321-1957 PADEP: 41-04880

28 August 2014

Work Order: 4082593 Project: Drinking Water

Tri-County Joint Municipal Authority Attn: Joff Kovach 26 Monongahela Street Millsborn, PA 15348

#### Report of Analysis

Client Sample ID	Lab Sample III	Matrix	Date Sampled	Date Received
Centerville Boro	4082593-01	Drinking Water	08/22/2014 14:38	08/22/2014 16:45
Joes Flower Slop	4082593-02	Drinking Water	08/22/2014 14:55	08/22/2014 16:45
Sweetles Cinnamon House	4082593-03	Drinking Water	08/22/2014 15:04	08/22/2014 16:45
Dayo Carnahan	4082593-04	Drinking Water	08/22/2014 15:30	08/22/2014 16:45
Millsboro Lumber Co.	4082593-05	Drinking Water	08/22/2014 15:40	08/22/2014 16:45

#### Report Narrative

The results contained in this report are only representative of the samples received. Environmental Service Laboratories, Inc. is not responsible for use or interpretation of the data included herein.

#### Pelinitions

ND Less than reporting limit RL Reporting Limit CFU Colony Forming Units

#### Certifications

Analyses performed by Environmental Service Laboratories, Inc., Indiana PA unless otherwise specified. S—Environmental Service Laboratories, Inc.-Southern Division, PA DEP leb 1D #63-04247

Approved By

Claudy Coformian.

Anngela Chapman Viço President of Operations \* Years\*





1603 Philadelphia St. Indiana, PA 15701 P: (724) 463-7557 F: (724) 465-4209 PADEP: 32-00382

1275 Pentleyville Rd. Van Voortee, PA 15366 P2 (724) 258-TEST F: (724) 258-8376 PADEP: 63-04247 1200 River Avenue Williamsport, PA 17701 Pt (570) 321-9902 Ft (570) 321-1957 PADEP: 41-04880

Tri-County Joint Municipal Authority . 26 Monongahela Street Millsborn, PA 15348

Lab Sample ID#: Sample Type: Sample Source: Sampler: Client Sample ID: 4082593-01 Drinking Water Grab Robort Mangis Conterville Boro

Sample Date: Receipt Date: 08/22/2014 14:38 08/22/2014 16:45

Reported: 08/28/2014 14:28

Analyte	Sample Resulf	Units	Dota Qualifier	RL	Method	Analysi Certilication	Analysis Date/Time
Field Analysis			•		•		
Chlorina, Total	1,36	mg/L			SM4500-C1 G-00	RM	08/22/14 14:38
Microbiology	1 - 1		445		<u>'</u>		
Total Coliform	Abscist	per 100 mL	,	1	SM9223 B-04	LMP/S	08/24/14 08:00
E. Coti	Absent	per 100 mL		Ţ	SM9223 B-04	LMP/S	08/24/14 08:00
					Above analys	is prepared of	08/23/14 08:00

This sample MEETS current EPA and DEF bacteriological standards of no detectable coliform bacteris per 100 mL sample,



1803 Philadelphia St. Indiana, PA 15701 P: (724) 463-765T F4 (724) 465-4209 PADEP: 32-00382

1276 Bentleyville Rd. Vac Voorfils, PA 15366 P) (724) 258-TEST Fi (724) 258-8376 PADEP; 63-04247

1209 River Avenue Williamsport, PA 1770t P: (570) 321-9002 F: (570) 321-1957 PADEP; 41-04880

Tri-County Joint Municipal Authority

26 Monongahela Street Millsboro, PA 15348

Lab Sample ID#:

4082593-02 Drinking Water

Sample Type: Sample Source: Sampler: Client Sample ID:

Gтаб Robert Mangis Joes Flower Stop Sample Date: Receipt Date:

08/22/2014 14:55

Reported; 08/28/2014 14:28

08/22/2014 16:45

Analyte		Sample Result	Units	Daia Qualifier	RL	Mathod	Analyse Certification	Analysis Date/Time
Field Analysis								
Chlorina, Total		0.480 -	mgL		*	SM4500-C1 G-00	RM	08/22/14 14:55
Microbiology	4-18-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-							
Total Coliform		Absent	por 100 ml	,	1	SM9223 B-04	LMP/S	Q8/24/14 D8:00
E. Coli	•7	Absent	per 100 mL	i	1	SM9223 B-04	LMP/S	08/24/14 08:00
						Above analys	is prepared or	08/23/14 08:00

This sample MEETS current EPA and DEP bacteriological standards of no detectable coliform bacteria per 100 mL sample.



1803 Philadelphia St. (nclana, PA 15701 P. (724) 453-TEST F; [724] 455-47209 PADER: 32-00382

1276 Bentleyville Rd. Van Voorhis, PA 15356 Pt (724) 258 TEST F: [724] 258-8876 PADEP: 63-04247

1200 River Avenue Willamsport, PA 17701 P: (570) 321-9002 f: |570| 521-1957 PADEP: 41-04880

Tri-County Joint Municipal Authority

26 Monongahela Street Milisboro, PA 15348

Lab Sample ID# Sample Types

4082593-03 Drinking Water Grab '

Sample Source: Sampler: Client Sample ID;

Robort Mengis

Sample Dater Receipt Dater

08/22/2014 15:04 08/22/2014 16:45

Reported: 08/28/2014 14:28

Sweetles Charmon House

Analyto	Sample Result	Units	Data Qualifier		RL.	Method	Analysi/ Certification	Analysis Date/Time
Fleld Analysis	<u> </u>				<del></del>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	····	***************************************
Chlorine, Total	1.34	mg/L				SM4500-CLG-00	RM	08/22/14 15:04
Microbiology		*	· · · · · · · · · · · · · · · · · · ·			, , , , , , , , , , , , , , , , , , ,		-
Total Coliforn	Absent	per 100 mL	•		1	SM9223 B-04	LMP/S	08/24/14 08:00
E, Coli	Absent	per 100 ml	•	٠	1	SM9223 B-04 Above analys	LMP/S Is prepared or	08/24/14 08:00 08/33/14 08:00

This sample MEETS current EPA and DEP hacteriological standards of no detectable coliform bacteria per 100 mL sample.



1803 Philadelphia St. Indiana, PA 15701 P:- (724) 463-TEST F: (724) 465-4209 PADEP: 32-00382

1276 Bentisyulle Rd. Van Voorhis, PA 15355 P. (724) 258-TEST F: [724] 258-8376 PABEP: 63-04247

1200 River Avenue Williamsport, PA 17701 P: (570) 321-9002 F: (570) 321-1957 PADEP; 41-04880

Tri-County Joint Municipal Authority 26 Monongahela Street Millsborn, PA 15348

Lab Sample ID#1 Sample Type:

4082593-04 Drinking Water Grab Robort Mangis

Sample Date: Receipt Date:

08/22/2014 15:30 08/22/2014 .16:45

Reported: 08/28/2014 14:28

· III. . .

Sample Source: Sampler: Client Sample ID; Dayo Camalian

Sample Data Analysi/ Analysis Analyte . Result Units Qualifier Method RI. Certification Date/Thus Field Amelysis Chiorine, Total 1,81 ជាឬ/L D8/22/14 15:30 SM4500-CI G-00 RMMicrobiology Total Coliform Absent per 100 mL 1 SM9223 B-04 LMP/S 08/24/14 08:00 E. Coli per 100 mL, Absent SM9223 B-04 LMP/S 08/24/14 08:00 Above analysis prepared on 08/23/14 (18:00

This sample MEETS current EPA and DEP bacteriological standards of no detectable colliform bacterie per 100 mL sample.



1803 Philadeiphia St. Indiana, PA 15701 Pr. (724) 463-7657 Fr. (724) 465-4209 PAUER: 32-02382 1276 Bertleyville Rd. Van Voorhis, PA 15366 ft: [744] 258-TEST ft: (724) 258-8376 PADEP: 63-04247

1200 River Avenue Williamsport, PA 17701 Pt (\$70) 521-9002 Pt (\$70) 521-1957 PADEP: 41-04680

Tri-County Joint Municipal Authority 26 Monougabela Street Millsboro, PA 15348

Lab Sample ID#; Sample Type: Sample Source: Sampler:

Client Sample ID:

4082593-05 Drinking Water Grab Robert Mangis Millisboro Lumber Co.

Sample Date: Receipt Date: 08/22/2014 15:40 08/22/2014 15:45

Reported: 08/28/2014 14:28

Data Sample Analysii Anulysis Result Units Qualifier RL Method Certification Analyfe Date/Time Field Analysis SM4500-CLG-00 Chlorine, Total 1,50 mgLRМ 08/22/14 15:40 Microbiology Total Coliform Absent per 100 mL 1 SM9223 B-04 LMP/\$ 08/24/14 08:00 E. Coli Absent per 100 mL 1 SM9223 B-04 LMP/S 08/24/14 08:00 Above analysis prepared on 08/23/14 08:00

This sample MEETS current EFA and DEF bacteriological standards of no detectable coliform bacteria per 100 mL sample.

Soft Centerulle Goo Blots Millstown Reinquisted By: (Signature) Reknaukehed by: (Signeton) Relinquished Byr (otgetatute) Sampled By: (Signa L THERE SERVICE CHASSES WILL ACCEUR AT THE BATE OF 112% FER LIGHTH (BB) RER ANDJIL OR THE KAXXIABA ALLIHED SATAK). LITHERE SERVICE CHASSES WILL ACCEUR AT THE BATE OF 112% FER LIGHTH (BB) RECOLES DELHICLERT AND ISTURNED DUBRTO AKY Swart es (Eunamus) byve Cary praheum Sample Identification Correct Preservalidies Tower Manual Maria REPORTED AND THE PHY LANGE TO BE SEED AREA SEED TO SEED THE SEED OF CORRECTED TO SEED THE SEED OF CORP. YUNIX 4/08/25/4/3 Fish# 1803 'Philadelphia St. Ipdiana, PA. 15701 Pt 724-463-TEST Pt 724-465-4709 41/22/B 5 7-25-4 ф С Ç W Sty Miles Date/Time Daled Time Datel Thre Correct Contameta Y I/N I NA Date smort 1276 Bentlevulle Rd.
Van Voorfie, PA 15366
P: 724-258-TEST
F: 724-258-8376 A. 5/2-5/2/2 Composite CAB CISE DATA Time on/aff Sample Type Received By: (Signature) ## 570-323-4557 Received By: (Signalite) Date GETO 15 40 15 30 1205 1855 88. TI attri i Receipt Temperature, Matrix Simplys. Constitution

川紅川川瀬川川山山田町 11111 4082593

Date/Time

Dalai Time

Add ess

26 MONONGAHELA AVENUE CLARKSVILLE, PA 16322

TRI-COUNTY JOINT MUN. AUTH,

Company/Natre:

Bacteria

Notes/Special instructions:

Date! Time

Phone;

24-377-221

Contact persons

PWSID#: PAX

5630045 724-377-2212

Pumpase Order:

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NaThle Sulfate Startle Plastic Natho surale Starile Plasto NuThio Sulfale Sterile Plastic

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NaThin Sulface

# SAMPLE REQUEST & CHAIN OF CUSTODY

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PAGE 윾

# of Bottles

Container Type

Analysis Requested

Preservative Starile Plesito NaThia Sutate Starile Plasito

Page 7 of 8:

E-Government Application for Drinking Water Program SAFE DRINKING WATER ACT VIEWIEDIT RECORDS

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SDWAI	A												
PWSID	Contam I	PWSID Contam ID Contam	Analysis Method	Hassuli	Analysis Date	Location ID 1	Logation ID 2	Sample Date	Sample Type	Sample	[ab f0	Sample ID   Hecord ID	Hecord IO
5620045 1927	1927	TOTAL ALKALINITY	584	59.7	082114	හරය		080814	æ	1585	32382	4080936-08 BROWNICA_ 629	BROWNIKA 629
5630045 2920	2920	ταο	581	2.61	081314	300		080814	Я	1535	32382	4080936-03 BROWNICA	BROWNIKA 630
5630046	2920	TOC	581	12	081314	300		080814	Ġ.	1535	32382	4080936-04 :BROWNKA_	BROWNKA

	<b>-</b>					•								
PWSID	Contam Contam	Contam	Analysis	Hesult	Lower Limit Counting Analysis Loc/EP of Date   Date   D	Counting	Analysis Date	크 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전	Sample Date	Sample Type	Sample Time	Lab ID	Sample Sample Lab ID Sample ID Record ID	Record (D
5630045	2001	GROUP CODE FOR ALL VOCS	221	0.0			701 418180	101	090814	m	1540	202382	4088995-01 BROWNICA 465	BROWNKA.
5630045	2001	GROUP CODE FOR ALL VOCS	221	0.0			081314 101	101	080814	(n	1555	82382	4080835-02 BROWNKA 466	BROWNKAL 466

8 9DEC	8830048	5630045	PWSID	SDWAS
	3100	0999	Condam,	S 5
	TOTAL COLIFORM PRESENCE	CHLORINE	Contam, Contam	SDWAS: INI CNI Y JI MONI ACIA
,	331	301	Analysi «Math	A
	10	10	Houthe Sample s Rega	
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	В	0	No. of No. of Routine Routine Sample	
	0	c	No. of Check Samples out of Complianc	
	Ü	D	Type	
	082214 104247	082214 04247	e Last Sample Oabe	
	04247	04247		
		0	No. of Oheck Sample s Taken	
•	15	101	DI d	
	080114	080114	Sample Period Begin Date	
	083114	083114	Sample Period End Date	
٠	D80114 083114 4082593	080114 088114 4082593	Sample Sample IO Averay Period Period Period End End Date Date	5
		1,42	e Result	
	ET RANGE	HOW NKA 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	



1803 Philadelphia St. Inciana, PA 15701 P: (724) 462-TEST F: (724) 465-4209 P/DEP: 32-00382

1276 Bentleyville Rd. Van: Voothis, PA 15366 P: (724) 253-752 F: (724) 252-8375 PADEP: 63-04247 1200 River Avenue VAIIIamsport, PA 17701 P; (570) 321-9002 Fe (570) 321-1957 PADEP( 41-04880

26 August 2014

Work Order: 408b982 Project: Drinking Water

Tri-County Joint Municipal Authority Attn: Accounts Payable P.O. Box 758 Fredericktown, PA 15333

#### Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
Centerville Boro Building	4080982-01	Drinking Water	08/08/2014 13:55	08/08/2014 18:45
Joes Flower Shop	4080982-02	Drinking Water	08/08/2014 14:15	08/08/2014 18:45 .
Sweetles Cinnamon House	4080982-03	Drinking Water	08/08/2014 14:30	08/08/2014 18:45
Milisboro Lumber Co.	4080982-04	Drinking Water	08/08/2014 14:58	08/08/2014 18:45
Daye Camahan	4080982-05	Drinking Water	08/08/2014 14:20	08/08/2014 18;45

#### Report Narrative

The results contained in this report are only representative of the samples received. Environmental Service Laboratories, Inc. is not responsible for use or interpretation of the data decladed herein.

#### Definitions

ND Less than reporting limit
RL Reporting Limit

CFU Colony Forming Units

#### Certifications

Analyses performed by Environmental Service Laboratories, Inc., Indiana PA unless otherwise specified.

S=Environmental Service Laboratories, Inc.-Southern Division, PA DEP lab ID #63-04247

Approved By

Cray Cfrown

Anngela Chapman Vice President of Operations







1803 Fhill-delphia \$4. Indana, PA 15701 P: (724) 463-TEST F: (724) 465-4209 PADEF: 32-00382

1276 Bentleyvile Ad. Van Vootde, FA 15366 P: (724) 258-TEST F: (724) 258-8376 PADEP: 63-04247 1200 River Avenue Williamsport, FA 17701 P: (570) 821-9612 F: (570) 821-1957 PADEP: 42-04880

Tri-County Joint Municipal Authority

P.O. Box 751

Fredericktown, PA 15333

Lab Sample ID#; Sample Type: 4080982-01 Drinking Water Grab

Sample Source; Sampler: Client Sample ID:

Robert Mangis

Centerville Boro Building

Sample Dute:

08/08/2014 13:55

Reported: 08/26/2014 13:03

Receipt Date:

08/08/2014 18:45

Analyte Field Annlysis	Sample Result	Units	Duta Qualifler	RI.	Method	Analyst Certification	Anolysis Date/Ilme
Chlorine, Total	1,33	mg/L		,	SM4500-Cl G-00	RM	08/08/14 13:55
Microbiology							
Total Collform	Absent	per 100 mL		1	SM9223 B-04	KJC/s	08/10/14 08:00
E, Coli	Absent	per 100 mT.	ı	1.	SM9223 B-04 Abave analys	ICICIS is prepared or	08/10/14 08:00 08/09/14 08:00

This sample MEETS obrest EPA and DEP bacteriological standards of no detectable colliform bacteria per 100 mL sample,



1803 Philadelphia St. Todiana, PA 18701 P: (724) 463-1851 F: (724) 465-4209 PABEP: 32-80382

1276 Bentleyville Ad. Vap Voorbis, PA 15360 P: (724) 258-TEST F: (724) 258-8376 PADEP: 63-04241

1200 River Avenue Williamsport, PA 17701 P: [570] 321-9002 F: [570] 321-1957 PADEP: 41-04880

Tri-County Joint Municipal Authority

P.O. Box 758

Fiedericktown, PA 15333

Lab Sample ID#: Sample Type: Sample Source: 4080982-02 Drinking Water Grab

Sampler: Client Sample ID: Robert Mangis
Joes Flower Shop

Sample Date: Receipt Date:

08/08/2014 14:15 08/08/2014 18:45

Reported: 08/26/2014 13:03

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Analyts		Sample Resulf	Dula Units Qualifier	RĻ	Method	Analyst/ Certification	Analysis Date/Time
Field Abalysis						······································	<del>* , ,</del>
Chlorine, Total		0.380	my/L	*, *	SM4500-Cl G-00	RM	08/08/14 14:15
Microbiology						-	7-400/FT 14215
Total Coliform	, , , , , , , , , , , , , , , , , , , ,	Absent	per 100 ml.	1	6M9223 B-04	KJC/S	08/10/14 08:00
E. Coli		Absent	per 100 mL	1	SM9223 B-04 Above analys	KJC/s	08/10/14 08:00 08/09/14 08:00

This sample MEETS current EPA and DEF bacteriological standards of no detectable coliform bacteria per 100 mL sample.



1803 Philadeiphia St. Indiana, PA 15701 P: [724] 463 首時了 F: [724] 465-4209 PADEP: 32-00382

1276 Bentleyville Rd. Van Voorhis, PA 15366 Pr (724) 758-TEST F: (724) 258-8376 PADEP: 63-04247

1260 River Avenue Williamsport, PA 17701 P: {570} 321-9002 F. (570) 321-1957 PADEP: 41-04880

Tri-County Joint Municipal Authority P.O. Box 758

Frederloktown, PA 15333

Lab Sample ID#: Sample Type:

4080982-03 Drinking Water

Sample Sources

Sampler; Client Sample ID;

Grah Robert Mangis

Sweeting Cimamon House

Sample Date:

08/08/2014 14:30 08/08/2014 18:45

Reported: 08/26/2014 13:03

Receipt Date;

Analyte	Sample Result	On He	Data Qualifier	RL	Method	Analyst Çerjiğenden	Analysis Date/Time
Field Analysis		. \$					
Chiorino, Total	1,90	mg/L			\$M4508-Cl G-00	RM	08/08/14 14:30
Microbiology						1	
Total Coliform	Absent	per 100 mL		l	SM9223 B-04	KJC/S	08/10/14 08:00
E, Chii	, Absent	per 100 mL		1	SM9223 B-04 Aboye analys	KIC/S 'is prepared on	08/10/14 08:00 1 08/09/14 08:00

This sample MEETS ourrent EPA and DEP bacteriological standards of no defectable coliforn bacteria per 100 mL sample.



1803 Philadelphia St. Indiana, PA 19701 Pt (724) 463-7657 Pt (724) 465-4209 PADEPt 32-00382

1276 Bearleyville Ad, Van Voorits, PA 15356 P: (724) 258-TEST F: (724) 258-8376 PADEP: 63-04247

1200 Alver Avenue Williamsport, PA 17701 P: (570) 321-9002 P: (570) 321-1957 PADEP: 41-04860

Tri-County Joint Municipal Authority

P.O. Box 758

Frederickiown, PA 15333

Lab Sample ID#:

4080982-04 Dripking Water

Sample Type: Sample Source:

Grab
Robert Mangis

Sampler: Client Sample ID;

Robert Mangis Millsboro Lumber Co. Sample Date:

08/08/2014 14:58

Reported: 08/26/2014 13:03

Receipt Date:

08/08/2014 18:45

Analyte	Sample Result	Unik	Data Qualifier	, RL	Method	Analysti Cartification	Analysis Date/Thue
Field Analysis					-1		······································
Chlorine, Total	1,95	mg/L			SM4500-Cl G-00	RM	08/08/14 14:58
Microbiology	-	<u>.</u>					
Total Coliform	Absent	per 100 mL		1	SM9223 B-04	KJC/S	08/10/14 08:00
E, CoH	Absent	per 100 mL		1	SM9223 B-04	KIC/\$	08/10/14 08:00
					Above analys	is prepared on	08/09/14 08:00

This sample MEETS current EPA and DRP bacteriological standards of no detectable colliform bacteria per 100 mL sample.



1803 Phirodelphia St. Indiana, P.A. 1570;1 Pt. (724) 463-7657 Ft. (724) 463-4209 PADEPt. 32-00382

1276 Bentleyville Rd, Van Vooriës, PA 15766 P: (724) 258-TEST F: (724) 258-8376 PADEP: 63-04247 1266 River Avenue Williamsport, PA 17701 P: (570) 321-9002 P: (570) 321-1957 PADEP: 41-04880

Tri-County Joint Municipal Authority

P.O. Box 758

Fredericktown, PA 15333

Lab Sample 10#: Sample Type: Sample Source: Samplor:

Client Sample ID:

4080982-05 Drinking Water Grab Robert Mengis Dave Camahan

Sample Dater Receipt Date: 08/08/2014 14:20 08/08/2014 18:45

Reported; 08/26/2014 13:03

Analyte	mple esoit	Units	Data Qualifier	RL,	Method	Analyst/ Certification	Analysis Daie/Ilme
Field Analysis							
Chlorine, Total	 2,19	mg/L			SM4500-Cl G-00	RM	08/08/14 14:20
Microbiology	 					44	
Total Coliform	 Absent	Par 100 ml	, *	1	SM9223 B-04	KJC/S	08/10/14 08:00
E. Coli	 Absent	per 100 mL	,	1	SM9223 B-04	KJC/S	08/10/14 08:00
					Above analys	is prepared or	08/09/14 08:00

This sample MEETS ourront EPA and DEF bacteriological standards of no detectable solfform bacteria per 100 mL sample.

П	
BOB Philadelphia St.	1276 Bentleyville Ad
Idhan, PA 15701	Ven Voorhis, PA 15
172A-(69-TEST	P. 724-258-TEST
The same of the same	

 200 River Avenue	Villiamsport, PA 17701	P: 570-321,-9002	F: 570-321-1957
1200	M	P. 5.	2

## SAMPLE REQUEST & CHAIN OF CUSTODY

PAGE

Tage7 of 7

		io i	Sample Type						ſ
Sample (dantification	ESL#	Composite		Grab	Matrix	# of Botiles	Container Type	Analysis Requested	
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# N	105		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	8/8/14/13	MG	ļ .	Sterile Plasiic	TRG 2.19	
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1803 Philadelphia St. Indiare, PA 15701 P: (724) 455-7551 F: (724) 465-4208 PADEP: 32-01382

1776 Benklyvöle Rd, Yan Voorhis, PA 15366 P: (774) 258-7657 F: (724) 258-8376 PADEPI 63-04247 1260-River Avenue Williamsport; PA 17701 Pt (570) 321-9002 Ft (570) 321-1957 PADEP: 41-04880

19 August 2014 ·

Work Order: 4080935 Project: Drinking Water

Tri-County Joint Municipal Authority Attn: Accounts Payable P.O. Box 758 Eredericktown, PA 15333

#### Report of Analysis

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
Entry Point	4080935-01 -	Drinking Water	08/08/2014 15:40	08/08/2014 21:15
Reservior	4080935-02	Drinking Water	08/08/2014 15:55	Q8/08/2014 21:15
4080935-01 Trip Blank	4080935-03	Drinking Water	08/08/2014 00:00	08/08/2014 21:15

#### Report Narrative

The results contained in this report are only representative of the samples received. Environmental Service Laboratories, Inc. is not responsible for use or inactpretation of the data included borein.

#### Definitions

ND

Less than reporting limit

RL

Reporting Limit

CFU

Colony Pouning Units

#### Certifications

Analyses performed by Environmental Service Laboratories, Inc., Indiana PA unices otherwise specified.

Environmental Service Laboratories, Inc., Indiana, PA/TNI Certification #32-00382

Approved By

CLASH CYPOTOSON

Anngula Chapman Vice President of Operations Hears T





1803 Philaddopha St. Indiana, PA 15701 PI [724] 463-7857 F: [724] 465-4209 PADEP: 32-10382 1275 Beatleyville Rd, Yao Yoorkis, PA 15366 Pi (724) 258-7657 F: (724) 258-8376 FADEP: 63-04247

1200 River Avenue Williamsport, PA 17701 Pr (570) 323-9002 Pr (570) 321-1957 PADEP: 41-04580

Tri-County Joint Municipal Authority P.O. Box 758 Fredericktown, PA 15333

Lab Sample ID#: Sample Type: Sample Source:

Sampler: Client Sample ID: 4080935-01 Drinking Water Grab Robert Mangis Entry Point

Sample Date: Receipt Date: 08/08/2014 15:40 08/08/2014 21:15

Reported: 08/19/2014 10:29

Analyte	Sample Résali	Quits (	Dain Qualifier RL	Method	Analyst/ Certification	Abalysis Dute/Time
Volatile Organics	, , , , , , , , , , , , , , , , , , , ,			.*	<del>/, ( - 1 - /</del>	
Vinyl cidorios	ND	ug/L	0,500	EPA.524.2	RO	08/13/14 18:56
1,1-Dichloroothone	NO	ug/L	0,500	EPA524,2	RO	08/13/14 18:56
trans-1,2-Dichloroethene	ND	ug/L	0,500	EPA524.2	RÓ	08/13/14 18:56
ris-1,2-Dickleroethone	מא	ug/L	0,500	EPA524.2	RO	08/13/14 18:56
1,I,I-Trichloroethane	ND	ug/L	0,500	EPA524,2	RO	08/13/14 18:56
Carbon Tetrachloride	ND	ug/L	0,500	EPA524,2	RO	08/13/14 18:56
Bonzone	ND	hg/L	0,500	EPA524.2	RO	08/13/14 18:56
1,2-Dichloroothane	מא	ug/L	0.500	EPA524.2	RQ	
Trichloroethene	ďИ	ıg/L,	0,500	EPA524.2	RO	08/13/14 18:56
1,2-Dichleropropan¢	ND	ug/L	0.500	EPA524.2	RO	08/13/14 18:56
Tolliege	ND	ug/L	0,500	EPA 524,2	RO.	08/13/14 18;56
1,1,2-Triobioroofhane	ND	ug/L	0,500	EPA524.2	RO.	08/13/14 18:56
Tetrachloroethene	· ND	л <b>क</b> \Г	0,500	EPA524.2	RO	08/13/14 18(56
Chlorobenzene	ND	ng/L	0.500	EPA524.2	RO	08/13/14 18:56
1,1,1,2-Tetrachloroefhane	מא	՝ u <u>ż</u> /L	0.500	EPA524.2	RO	08/13/14 18:56
Ethyl Benzene	ND	ng/L	0,590	- EPA.524,2	ro Ro	08/13/14 18:56
m.p-Xylenes	ND	ug/L	1.00	EPA524,2	RO	08/13/14 18:56
o-Xylene	ND	ug/L	0.500	EPA 524,2	RO.	08/13/14 18:56
Styrons	ND '	ng/L	0,500	EPA524.2	RO	08/13/14 18:56
1,4-Dichlorobenzene	ND	ng/L	0,500	EPA524,Z	RO	08/13/14 1856
1,2-Dichlorobenzene	ИD	υβ√Γ -Ē-	0,500	EPA524.2	RO-	08/13/14 1856
1,24-Trichlerobenzene	ND	ug/L	0,500	EPA524.2	RO .	08/13/14 18:56
Naphthalene	ND	ug/L	0,500	EPA524,2	•	08/13/14 18:56
Total Xylenes	ND	ug/L	0,500	EPA524,2	RO RO	08/13/14 18:56
Surrogute: 4-Bromoflyorobengene	97 %	70+1		EPA524.2	RO	08/13/14 18:56
Surrogale: 1,2-Dichlorobenzene-de	28 %	70-1	_	EPA524.2	RO RO	08/13/14 18:56 08/13/14 18;56



1803 Philadelphia SS. Indiana, PA 15701 P: {724}463-1551 F: {724}465-4209 PADEP: 32-00382 1276 Bendeyvöld Rd. Ven Voorins, PA 15365 P: (724) 258-TEST F: (724) 258-8376 PADEP: 63-Q4247

1200 klvár Avenue Waliamsport, PA 17701 Pt (570) 321-3602 Pt (570) 321-1957 PADEP: 41-04860

Tri-County Joint Municipal Ambority P.O. Box 758 Fredericktown, PA 15333

Lab Szmplé ID#; Sample Type: Sample Source;

Client Sample ID:

Sampler

4080935-02 Drinking Water Grab Robert Mangis

Reservior

Sample Date: Receipt Date:

08/08/2014 15:55 08/08/2014 21:15

Reported: 08/19/2014 10:29

Sample Dafa Analyst/ Analysis Analyte Result Units Qualifier RL. Method Certification Date/Time Volatile Organics Vinyl chloride ЮD ug/L 0.500 **BPA524.2** RO 08/13/14 19:37 I, I-Dichloroethena ND ug/L 0.500 EPA524.2 RO 08/13/14 19:37 trans-1,2-Dichlorosthene ND ug/L 0,500 EPA524,2 RO 08/13/14 19:37 cis-1,2-Dichloroethene ND ug/L 0,500 EPA524,2 RO 08/13/14 19:37 1.1,1-Trichlorocthanc ND pg/L 0,500 EPA524,2 RO 08/13/14 19:37 Carbon Tetrachloride ND ug/L 0,500 EPA5242 RO 08/13/14 19:37 υg/L Benzene ND 0.500 EPA524.2 RO 08/13/14 19:37 1,2-Dichlorosthane ND vg/L 0.500 EPA524,2 ŖĢ 08/13/14 19:37 Trichlorosthone ND ug/L 0,500 EPA524.2 RØ 08/13/14 19:37 1,2-Dichioropropane ИD L'ga 0.500 EPA524.2 ŖQ 08/13/14 19:37 Toinene ND ng/L 0,500 EPA524.2 ŔŎ 08/13/14 19:37 1,1,2-Trichlorcethanc ND ug/L 0,500 EPA524.2 08/13/14 19:37 RO Temablarosthena ND ug/L 0.500 EPA524.2 ŔŎ 08/13/14 19:37 Chlorobedzene ND ug/L 0.500 EPA524.2 ĸo 08/13/14 19:37 1, 1,1,2-Tetrachlorocchane ND ug∕Ĺ 0.500 EPA524.2 RO 08/13/14 19:37 Ethyl Benzeho ND ug/L 0.500 EPA524.2 RO 08/13/14 19:37 m,p-Xylenes ND ug/L 1,00 EPA524.2 RO 08/13/14 19:37 o-Xylene ND ug/L 0,500 EFA524,2 RO 08/13/14 19:37 Styrene ug/L ND 0.500 EPA524.2 RO 08/13/34 19:37 1.4-Dichlorobenzene ND ug/L 0,500 EPA524.2 ŔŎ 08/13/14 19;37 1:2-Dichlorobenzeno ND ng/L 0,500 EPA524,2 RO 08/13/14 19:37 1,2,4 Trichlorobenzene ND ug/L 0.500 EPA574.2 RD 08/13/14 19;37 Naphthalene ND μg/L 0,500 EPA524.2 RO 08/13/14 19:37 Total Xylenes ND ug/L 0.500 EPA524.2 RO 08/13/14 19:37 Surrogals: 4-Bromoflyoroberszene 95% 70-130 EPA574.2 ŔO 08/13/14 19:37 Surrogate: 1,2-Dichlorobenzene-44 98 % 70-130 EPA524,2 RO08/13/14 19:37



1809 Philodeiphia St. Indiana, PA 15701 P: (724) 463-7851 F: (724) 465-4209 PABEP: 32-00382

1276 Centlepatie Rd. Ven Yophis, PA 15368 P: (724) 258-TEST F: (724) 258-8376 PADEP: 63-04247 1200 River Avenue Williamsport, PA 17701 7: [570] 321-9002 F: (570] 321-1957 PADEP: 41-04880

Tri-County Joint Municipal Authority P.O. Box 758 Frederlektowa, PA 15333

Lab Sample ID#: Exmple Type: Sample Source:

4080935-03 Drinking Water Grab Client

Samplers Client Sample IDs

4080935-01 Trip Blank

Sample Date: Receipt Date: 08/08/2014 00:00 08/08/2014 21:15

Reported: 08/19/2014 10:29

Analyta	Sample Result	Unite	Onta Qualifler	RL	Method	Audyst/ Corlineation	Analysis Date/Time
Volatile Organics							
Vinyl chloride	ND	ug/L	,	0,500	EPA524.2	RO	08/13/14 20:19
1,1-Dichloroethens	ND	ug/L		0,500	EPA524,2	· RO	08/13/14 20:19
trans-1,2-Dichloroothone	ND	ug/L		0.500	EPA524.2	RO	08/13/14 20:19
cls-1,2-Diohtoroethene	ND	ng/L		0.500	EPA524,Z	RO	08/13/14 20:19
I,I,I-Trichloroofhano	ЙD	ug/L		8.500	EPA524.2	RO	08/13/14 20:19
Carbon Tetrachloride	ND	ug/L		0.500	EPA524.2	RO	08/13/14 20:19
Верходе	ND	ug/L		0,500	EPA524,2	RO	0E/13/14 20:19
1,2-Dichlorgethane	ND	ugL		0.500	EPA524,2	RO	03/13/14 20:19
Trichlomethene	ND	ug/L		0,500	EPA524,2	RO	08/13/14 20:19
1.2-Dichloropropane	ND	ug/L		0,500	EPA524.2	RO	08/13/14 20:19
Toluenė -	ND	ug/L		0.500	EPA524.2	RO	08/13/14 20:19
1,1,2-Trichloroofhane	- ND	ug/L		0,500	EPA524,2	RO	08/13/14 20:19
Tetrachiomethene	ND	ug/L		0.500	EPA524.2	RO	08/13/14 20:19
Chlorobenzene	ND	ug/L		0.500	EPA524.2	RÓ	08/13/14 20:19
1,1,1,2-Tetrachloroethane	ND	ug/L		0.500	EPA524.2	RO	08/13/14 20:19
Ethyl Bonzonc	ND -	սց/[_		0.500	EPA524.2	RO	08/13/14 20:19
m.p-Xylenes	ND	ng/L		1.00	EPA524.2	RO	08/13/14 20:19
a-Xyleno	ИD	ug/L		0,500	EPA524.2	RO	08/13/14 20:19
Styrene	ND	ug/L		0.500	EPA524.2	RO	08/13/14 20:19
I,4 Dichlorabenzene	ND	pg/L		0,500	EPA524.2	RO	08/13/14 20:19
1,2-Dichlorobeazene	ND .	ug/L		0,500	EPA524.2	RO	08/13/14 20:19
1,2,4-Trichlorobenzene	ND	ug/L		0.500	BPA524,2	RO	08/13/14 20:19
Naphthalene	מנאו	ug/L	4	0,500	EPA524,2	RO	08/13/14 20:19
Total Xylenes	מא	ug/L		0,500	EPA524.2	RO	08/13/14 20:19
Surrogate: 4-Bromoftworobenzene Surrogate: 1,2-Dichtorobenzene-d4	95 % 100 %	-	0-130 0-130		EPA524.2 EPA524.2	RO RO	08/13/14 20:19 08/13/14 20:19

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SERVICE LABORATORIES INC.
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Sample Request & Chain of Control Page 1 of 1

Relinquished By: (Signalure) PRESERV	Reinquished By: (Signatura)	Sampled by; (Signature)  Refinquialized By: (Signature)	I THE UNDERSIGNED PURCHASER HERSEN L THESE SERVICE CHARGES WILL ACTION L THE UNDERSIGNED PURCHASER ASIE ATTORNEY FOR COLLECTION, TEALSON ATTORNEY FOR COLLECTION, TEALSON				-	Lib Ovenk	Reservior	they kit is		Sample identification
PRESERVATION Y I N	Date! Time	Date) Time	AGREES TO PA IE AT THE RATE ES TO PAY, IN TH MALE ATTORNEY	-	1			2	40	0		#SL#
Time Received By: (Sthrelline)  N GONTAINER (Y) N TEMP 540°C Y I N I NA	True Received By: (Signature)	Cated Time  Cated	THE UNDERSIGNED PURCHAGES WILL ACCIVED AT THE BATE OF TAX BETYINGS CHARBISE CHARCOLINTS OVER 81 DAYS OLD.  THESE SERVICE CHARGES WILL ACCIVED AT THE BATE OF THE TAX BET WORTH FOR PER WANDARD THE LOCARDES ALL DWED BY LAWLY  ATTORNEY FOR COLLECTION TRANSPORTER A STEET OF THE PURCHAST SECUNDARY AND IS THENES OWER TO ANY  ATTORNEY FOR COLLECTION TRANSPORTER STEENFILLY ALL COURT AND STITEMANT COLLECTION COSTS.						8/8/14 1555	0HS1 h1 818	The order Date Time	
Dale) Thus A	Date/ Time	7-II 6		.,				 , Ma	, Ma	VAC	Mach.	;
								Ю	20	N	Containers	
CH NI	Contact person:	Company/Name: Address:	Projectio:					VOA ADDI VIBI HOI	VOA 40m) Viaj	· VOA 40ml Vizi		4080935
724-877-2212 5638045	724-377-5971	TRI-COUNTY JOINT MUN. AUTH, 26 MONONGAHELA AVENUE CLARKSVILLE, PA 15322						VOC	, AQQ	VOC	Analysis Requested	

9 30 9 86 84

E-Government Application for Drinking Water Program
SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

56300	)45; T	5630045; TRI CNTY JT MUNI AUTH												
SDWA4	<b>A</b> 4							•					-	
PWSID	Gontam Contam	Osnlarn	Analysis Method	Result	Lower Limit   Counting   Arralysis   Loc/EP   of Detection   Error   Date   ID	Counting Error	Amalysis Date	100/EP	Sample Date	Sample Type	Timi Timi	Lab ID	Sample   Lab ID   Sample ID   Record IO	Record 10
5630045 2001	•	GROUP CODE FOR ALL VOCS	221	0.0			081314 101	101	080814	म	1540	32382	32382 4080935-01 BROWNKA_	BROWNKA_
SB30045	2001	2001 . GROUP CODE FOR ALL VOCS	221	0.0			081314 101	101	080814	ch.	1556	32382	4080985-02 BROWNKA	BROWNKA_

Date: Aug 18, 2014

### NEW MATTER EXHIBIT K

#### Defelice, Chase

From:

Defelice, Chase

Sent

Tuesday, January 06, 2015 5:41 PM

To:

'Haines, Christine'

Subject:

RE: Requested records under OOR order

I understand. We do not have any such records that are that specific beyond going through every medical record, which is not required. I am waiting on one of your requests to determine if a record exists pertaining to active cancer patients at SCI-Fayette. I was told I should know tomorrow. I will keep you posted and thank you for your patience.

----Original Message----

From: Haines, Christine Chaines@heraldstandard.com

Sent: Tuesday, January 06, 2015 04:26 PM Eastern Standard Time

To: Defelice, Chase

Subject: Re: Requested records under OOR order

Thank you. I have received and reviewed the attached documents. Due to the snow today and limited removal of same, I took today off. Again, my RTK request was not necessarily specific to the allegations in the report. I remain interested in medical statistics since the prison opened, especially those related to diseases diagnosed among inmates after their arrival, with particular interest in cancers and kidney problems.

Christine Haines

Reporter

O:724-425-7223 F: 724-439-7559 M: 724-691-5568

chaines@heraldstandard.com

Herald-Standard www.heraldstandard.com

Twitter: @CHwordsmith

Calkins Media Incorportated www.calkins.com

From: Defelice, Chase <chdefelice@pa.gov> Sent: Tuesday, January 6, 2015 3:44 PM

To: Haines, Christine

Subject: RE: Requested records under OOR order

#### Christine

Heft you a voicemail today. Based on the last line of your email below, I am awaiting any information I can gather. It is my understanding I should have that information tomorrow.

In the meantime, I am reattaching the records I provided with a few additional records that were gathered.

Thank you

Chase M. Defelice, Assistant Counsel
Office of General Counsel
Pennsylvania Department of Corrections
1920 Technology Parkway
Mechanicsburg, PA 17050
Phone: 717.728.7763 Fax: 717.728.0312
www.cor.state.pa.gov | www.state.pa.gov

### PRIVILEGED AND CONFIDENTIAL ATTORNEY-CLIENT COMMUNICATION ATTORNEY WORK PRODUCT

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From: Haines, Christine [mailto:chaines@heraldstandard.com]

Sent: Monday, January 05, 2015 4:44 PM

To: Defelice, Chase

Subject: Requested records under OOR order

1/5/2015

Chase,

I am following up on our conversations last week regarding the partial response to my Open Records Request. As we discussed, my request was for documentation of the types of illnesses contracted by inmates at SCI-Fayette, including the various types of cancer, since its opening, as well as a comparison to other prisons within the state system. That request was made Sept. 25, 2014 and denied by the DOC on Oct. 16 for a variety of reasons, none of which was a lack of such documentation. In addition, there was no affidavit attached to the Open Records response indicating that the requested documents do not exist.

The reasons given by the DOC were found to be without basis by the Office of Open Records, which ordered that the information be released within 30 days of the Dec. 1, 2014 ruling.

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Christine Haines

Christine Haines
Reporter
O:724-425-7223 F: 724-439-7559 M: 724-691-5568
chaines@heraldstandard.com

Herald-Standard www.heraldstandard.com

Twitter: @CHwordsmith

Calkins Media Incorportated www.calkins.com

## NEW MATTER EXHIBIT L

#### Defelice, Chase

From:

Defelice, Chase

Sent:

Wednesday, January 07, 2015 12:56 PM

To:

'Haines, Christine'

Subject:

RE: Requested records under OOR order

Attachments:

201501071244.pdf

#### Christine

Attached is a list from the database that is kept by our vendor regarding cancer patients. The list contains inmate names and inmate numbers, which I redacted. The list shows they are Fayette inmates. This list shows the number of inmates actively treating for cancer and type of treatment. The list does not contain the type of cancer being treated for. The statistics you are requesting do not exist. I will have a declaration stating the records do not exist to follow.

#### Chase

From: Haines, Christine [mailto:chaines@heraldstandard.com]

Sent: Tuesday, January 06, 2015 4:26 PM

To: Defelice, Chase

Subject: Re: Requested records under OOR order

Thank you. I have received and reviewed the attached documents. Due to the snow today and limited removal of same, I took today off. Again, my RTK request was not necessarily specific to the allegations in the report. I remain interested in medical statistics since the prison opened, especially those related to diseases diagnosed among inmates after their arrival, with particular interest in cancers and kidney problems.

Christine Haines

Reporter

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chaines@heraldstandard.com

Herald-Standard

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Calkins Media Incorportated www.calkins.com

From: Defelice, Chase < <a href="mailto:chdefelice@pa.gov">chdefelice@pa.gov</a>>
Sent: Tuesday, January 6, 2015 3:44 PM

To: Haines, Christine

Subject: RE: Requested records under OOR order

#### Christine

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Thank you

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Office of General Counsel
Pennsylvania Department of Corrections
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Mechanicsburg, PA 17050
Phone: 717.728.7763 Fax: 717.728.0312
www.cor.state.pa.gov | www.state.pa.gov

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From: Haines, Christine [mailto:chaines@heraldstandard.com]

Sent: Monday, January 05, 2015 4:44 PM

To: Defelice, Chase

Subject: Requested records under OOR order

1/5/2015

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Home Inst.
FAYETTE
FAYETTE
FAYETTE
FAYETTE
FAYETTE
FAYETTE
FAYETTE I/M name IJM# TREATMENT OFF/ON
OFF
OFF
OFF Š CHEMO/RAD/SURGERY
IN- PATIENT CHEMO
RADIATION
HORMONE
RADIATION
UNDER PLANNING TYPE

## NEW MATTER EXHIBIT M

#### Defelice, Chase

From:

Defelice, Chase

Sent:

Wednesday, January 07, 2015 1:33 PM

To:

'Haines, Christine'

Subject:

RE: Requested records under OOR order

Attachments:

201501071259.pdf

I was told it was current treating patients.

Attached are statistics that are slightly outdated from November of 2014.

From: Haines, Christine [mailto:chaines@heraldstandard.com] -

Sent: Wednesday, January 07, 2015 1:14 PM

To: Defelice, Chase

Subject: Re: Requested records under OOR order

Chase, what is the date of this report?

Christine Haines

Reporter

O:724-425-7223 F: 724-439-7559 M: 724-691-5568

chaines@heraidstandard.com

Herald-Standard www.heraldstandard.com

Twitter: @CHwordsmith

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www.calkins.com

From: Defelice, Chase < <a href="mailto:chdefelice@pa.gov">chdefelice@pa.gov</a>>
Sent: Wednesday, January 7, 2015 12:55 PM

To: Haines, Christine

Subject: RE: Requested records under OOR order

#### Christine

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To: Haines, Christine

Subject: RE: Requested records under OOR order

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1/5/2015

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#### Oncology Summary

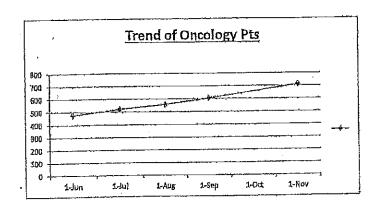
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Mercer		3	9	12	
Muncy	1	16	14	10	ļ
PineGrove		1	6	3	
Pitisburgh			9	<u> </u>	11
Quehanna			1	22	
Retreat	2	1	3	3	<u></u>
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Smithfield	2	4	13	13	1
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#### Oncology Pis ·

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2-Jun	7~Jul	8-Aug	9-Sep	13-Nov
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# NEW MATTER EXHIBIT N

#### Defelice, Chase

From:

Defelice, Chase

Sent:

Wednesday, January 07, 2015 2:50 PM

To:

'Haines, Christine'

Subject:

RE: Requested records under OOR order

Attachments:

201501071439.pdf

Christine

Attached is an attestation from our Director of Bureau of Health Care Services.

Thank you

Chase M. Defelice, Assistant Counsel Office of General Counsel Pennsylvania Department of Corrections 1920 Technology Parkway Mechanicsburg, PA 17050 Phone: 717,728,7763 Fax: 717.728.0312 www.cor.state.pa.gov | www.state.pa.gov

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To: Defelice, Chase

Subject: Re: Requested records under OOR order

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Reporter

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Herald-Standard

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# Calkins Media Incorportated www.calkins.com

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Subject: RE: Requested records under OOR order

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### DECLARATION OF CHRISTOPHER OPPMAN

- I, Christopher Oppman, hereby declare under the penalty of perjury, pursuant to 18 Pa. C.S. § 4904, that the following statements are true and correct based upon my personal knowledge, information, and belief:
- 1. Currently, the Department of Corrections of the Commonwealth of Pennsylvania ("Department") employs me as the Director for the Bureau of Health Care Services ("BHCS").
- 2. In my capacity as Director of BHCS, I, inter alia, oversee the administration of medical, mental health and dental services to the immate population; oversee and ensure contract compliance with vendors of professional medical services; supervise quality of the delivery of medical services; develop, monitor and supervise the application of policy as it pertains to the delivery of medical services within the Department, including the administration and enforcement of security as it relates to those policies and the BHCS.
- 3. I am aware of Christine Haines requested pursuant to the Right-to-Know Law for "report of the illnesses contracted at SCI Fayette, by type and quantity (i.e. how many cases of each diagnosis) and comparison of illness rates at other SCI's."
- 4. The Department as previously provided records to Ms. Haines regarding this request.

- 5. I have reviewed the records that were provided to Ms. Haines.
- 6. Beyond the records previously provided to Ms. Haines, the Department does not have within its custody, possession, or control, reports of illnesses contracted at SCI-Fayette, by type and quantity and comparison of illness rates at other state correctional institutions.

Respectfully submitted,

Christopher Oppman, Director

Bureau of Health Care Services

Pennsylvania Department of Corrections

Date: January 47, 2015

# NEW MATTER EXHIBIT O

#### Defelice, Chase

From:

Defelice, Chase

Kelly, Charles

Sent:

Tuesday, February 17, 2015 9:45 AM

To:

'Joyce, Michael J.'

Cc: Subject:

RE: Uniontown Newspapers, Inc., et al. v. Pennsylvania Department of Corrections

Attachments:

DOH Review of Cancer Burden at SCI Fayette 12-29-2014.pdf

Mr. Joyce and Mr. Kelly

Attached is the Department of Health's final report. It was on our public website last week, so I am sure Ms. Haines has already reviewed it. I explained to her in our past conversations that I would send it to her once I received it. I was out last week with our newest addition, and that is why I didn't send it earlier. If you have already seen the report you can simply disregard the email. If you have not, there may be information on the statistical end that is responsive to what Ms. Haines was looking for. The Department of Health has access to the Pennsylvania Cancer Registry, which is something the Department of Corrections does not have access to. It appears that was one of their resources.

Thank you and have a nice day.

Sincerely,

Chase M. Defelice, Assistant Counsel
Office of General Counsel
Pennsylvania Department of Corrections
1920 Technology Parkway
Mechanicsburg, PA 17050
Phone: 717.728.7763 Fax: 717.728.0312
www.cor.state.pa.gov | www.state.pa.gov

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From: Joyce, Michael J. [mailto:mjoyce@saul.com]

Sent: Monday, February 09, 2015 5:55 PM

To: Filkosky, Andrew; Defelice, Chase

Cc: Kelly, Charles

Subject: Uniontown Newspapers, Inc., et al. v. Pennsylvania Department of Corrections

Gentlemen:

Please be advised that this law firm represents Uniontown Newspapers, Inc. (d/b/a The Herald Standard) and Christine Haines with regard to their recent open records request to the Pennsylvania Department of Corrections. Attached, please the Petition for Review and Enforcement of Final Determination of Office of Open Records, which was recently filed with the Commonwealth Court of Pennsylvania.

Please feel free to contact me or Attorney Charles Kelly if you have any questions.

#### Michael J. Joyce | Saul Ewing LLP

One PPG Place, Suite 3010 Pittsburgh, PA 15222

Direct: 412-209-2539 Mobile: 412-996-4178 Fax: 412-209-2585

E-mail: mjoyce@saul.com



"Saul Ewing LLP <saul.com>" made the following annotations:

This e-mail may contain privileged, confidential, copyrighted, or other legally protected information. If you are not the intended recipient (even if the e-mail address is yours), you may not use, copy, or retransmit it. If you have received this by mistake please notify us by return e-mail, then delete.



DATE:

December 29, 2014

SUBJECT:

Review of Cancer Burden at the PA State Correctional Institute - Fayette

TO:

Martin Ranidaski, MA

Deputy Sould the for Health Planning & Assessment

FROM:

Atmaram Nambiar, MD, MPH

Director, Division of Infectious Disease (

Epidemiology (717) 787-3350

Per the request of the Pennsylvania Department of Corrections, Bureau of Health Care Services, through Christopher H. Oppman, MBA, MHA, Director Department of Corrections, Bureau of Health Care Services, the Pennsylvania Department of Health was asked to evaluate the cancer concerns of inmates and advocacy groups regarding cancer risks at the State Correctional Institute-Fayette. In response, PADOH/ Bureau of Epidemiology developed the attached report. We believe the findings serve as an objective assessment of the cancer burden and risk at the facility. A summary of the findings appear on the last page of the text.

If you have any questions, please contact Dr. Gene Weinberg (gweinberg@pa.gov).

# REVIEW OF THE CANCER BURDEN AT THE PENNSYLVANIA STATE CORRECTIONAL INSTITUTION FAYETTE

### **Background**

In August 2013 the Human Rights Coalition, Center for Coalfield Justice, and the Abolitionist Law Center of western Pennsylvania began an investigation of health conditions of prisoners at the Commonwealth of Pennsylvania, Department of Corrections (PADOC), State Correctional Institution - Fayette (SCI Fayette). The need for an investigation was prompted by reports of a pattern of declining health among inmates with a variety of symptoms and diseases believed to be possibly linked to exposures to toxic coal waste surrounding the facility. Health problems were described as; respiratory throat and sinus conditions, skin irritation and rashes, gastrointestinal tract problems, pre-cancerous growths and cancers, thyroid disorders, eye problems, headaches, dizziness, hair loss, weight loss, fatigue, and loss of mental focus and concentration. That investigation resulted in the report, "No Escape: Exposure to Toxic Coal Waste at State Correctional Institution Fayette". The report included a description of the ambient environment and health problems. It led the PADOC to seek the expertise of the Pennsylvania Department of Health (PADOH) to review the content related to cancer rates.

In response, the Bureau of Epidemiology (BOE) carried out a cancer incidence analysis. The PADOH is sensitive to concerns of individuals with cancer whether they are residents of a municipality, a neighborhood, or an institution. The types of cancer, relative frequencies, in addition to incidence rates or risks were ascertained for inmates of the SCI Fayette facility using the files of the *Pennsylvania Cancer Registry* (PCR). The PCR was utilized rather than "self-reports" to assure all cancers (cases) diagnosed among inmates were counted and the most accurate information was used.

The Pennsylvania Department of Corrections state prison is a maximum security facility for males located in the community of LaBelle in Luzeme Township, Fayette County. It is situated on land formerly used as a dump for coal waste in the form of "coal refuse" (waste produced when coal is cleaned and graded before it is burned), and "coal ash" (waste produced

by burning coal in power plants throughout the region). In 1996 the owners of the coal waste disposal facility which originally occupied 1,357 acres transferred 237 acres to the Commonwealth of Pennsylvania for the construction of the SCI Fayette prison completed in September 2003. The prison is currently surrounded by approximately 40 million tons of waste, two coal slurry ponds, and millions of cubic yards of coal combustion waste. Concern about the ambient environment coupled with inmates' health problems lead prisoners, human rights groups, prisoners' rights groups, and environmental justice groups to question the health effects of pollutants from the waste facility, and to conduct an *investigation* of health effects.

That investigation was based on a mailed questionnaire to prisoners. Survey questions addressed individual health problems, and environmental conditions at the facility. As of July 2014, 152 surveys had been sent, with 63 prisoners responding and another 12 prisoners writing separately to describe their health "situation", with an additional four prisoners interviewed directly by an investigation team member. Study findings reported 17 prisoners died at the SCI Fayette facility, eleven from cancer. Cancer cases identified by prisoners or described by the medical management of the PADOC included these cases; 3 lung, 2 brain, 2 colon-rectum, 2 tongue and mouth, 1 tonsil, 1 stomach, 2 liver, 1 bladder, 1 prostate, 1 lymphoma, and 1 leukemia for a total of 17 cancer cases.

While the information is valuable, self-reported diseases can be problematic. First, if reports are not validated using information found in medical records there is no way to know if the reported case is actually cancer and the exact type. This requires microscopic determination from tissue samples. Most new tissue growths (neoplasms) aren't cancer, rather are benign but can include precancerous lesions. Histological examination of tissue specimens is the only valid way to determine if cells of a neoplasm are malignant. Additionally, self-reported cancers typically describe the organ site lesions were found, but often it is independent of the standard classification system which is based on site of origin. For example, cancers of the stomach may often evolve from the organ's lymph tissue, but because lymph tissue develops from a distinct class of embryonic cells and lymphocytes are so specialized, they are classified as a distinct group of cancers, and are organized based on histological characteristics rather than anatomical location, consequently are generally considered and counted as a type of non-Hodgkin's lymphoma (NHL).

Additionally, misclassification can occur if a cancer arises at a single organ site and spreads to adjacent or more distant organs. Though it spread to other organs, a cancer will still retain the cellular characteristics of the tissue of origin but is considered metastatic. As such, it should be ascribed to the organ of origin as the primary site, not the site to where it spread. Self-reported cancers frequently are not correct if they are metastatic lesions. For example, if malignant lung tissue is discovered in the brain it should be labeled as such, i.e., "metastatic adenocarcinoma of the lung", not brain cancer.

Any determination of a population's risk needs to be based on *incidence rates*, or the rate <u>new cases</u> develop in the population during a defined period of time. This is not the same as counting all inmates in the prison who had ever been diagnosed with a particular cancer, or prevalence. In any group the number of persons living with cancer is always larger than the number of new cases diagnosed, as prevalence includes both new and old cases, and often can be large. While the total number of men who have had cancer is an important measure of the disease burden, it is not considered a measure of risk. The determination of factors responsible for the development of a type of cancer is generally linked to the *incidence rate*. When the number of new cases is divided by the number of individuals at risk - typically the population studied- the incidence rate is created. Commonly, reports of persons diagnosed with cancer who ever lived in a community are considered a measure of risk when it is a measure of prevalence.

The PADOH report, "Review of the Cancer Burden at the Pennsylvania State Correctional Institution Fayette" [study] was designed to provide objective measures of cancer risk for inmates of SCI Fayette relative to all Pennsylvania males. To best determine incidence and rates among inmates, the Pennsylvania Cancer Registry (PCR) was used. This provided the most complete and accurate measures of cancer rates or risks in the population. Both the numbers and types of new cases diagnosed among inmates were determined, and the rates for individual cancer types were calculated and compared to the statewide experience of all men.

### **Methods**

#### Case Ascertainment

Cancer cases were defined as inmates of PADOC, SCI Fayette who had been diagnosed with cancer between September 1, 2003 and December 31, 2012; from initial occupancy at the

prison (September 2003) through the most current calendar year cancer incidence reporting was complete and data were verified - 2012. Based on this time period, the files of the PCR were searched for all cancer cases that ever showed any of the following for residence at diagnosis for any reason; "SCI Fayette", "SCI Fayette County", "50 Overlook Drive", "421 LaBelle Rd", "SCI Labelle", "La Belle", "LaBelle" and a zip code of 15450. The diagnosis data examined included the following residence items; "DxCity", "DxNumberAndStreet", "DxPostal", in addition to current address information, including; "CurrCity", "Currsupp", "CurrPostalZip". This identified any man who had ever been diagnosed either at the facility or whose current address was the prison following a diagnosis.

#### Description of Cases

Ascertained cases were sorted according to the anatomical and histological classification scheme defined by the World Health Organization, WHO International Classification of Disease for Oncology, Third Edition, 2000. A total of 45 incident cancers met the inclusion criteria. These were diagnosed among 41 prisoners; one prisoner had been diagnosed with three malignancies, two others were each diagnosed with two cancers, and 38 prisoners diagnosed with one cancer each. Table 1 shows the distribution of these cases by type for prisoners compared to all adult Pennsylvania male cases. Comparisons were based on the statewide distribution during the three-year period 2007-2009 (approximate mid-period). This represented 114,630 incident cases or about 38,200 new diagnoses among Pennsylvania males annually.

The PADOH determined the cancer risk of prisoners by a method called *indirect* age-adjustment which is particularly suited for studying small numbers of health events. The incidence rate for prisoners was compared to the rate for all Pennsylvania males and expressed as the ratio of the two, called the Standardized Incidence Ratio or SIR. It is equivalent to the number of cases observed / cases expected. Ratios were created by comparing the numbers of cancers reported to the registry for the prison population to the number that would be expected in this population if it had experienced the same cancer risks as all men in the state. Here the PADOH applied Pennsylvania's statewide incidence rates for men over age twenty to the numbers of prisoners at risk in the prison to determine the numbers of cancers expected. Cases expected were based on Pennsylvania's rates rather than U.S. rates for two reasons. The PADOH routinely uses statewide rates for population studies, thus making risk comparisons between the current

findings and other studies possible; and, second, interpreting results is easier as the characteristics of Pennsylvania are generally better understood than the entire U.S.

Specifically, the numbers of cancer cases expected for a cancer type was derived by multiplying the population of inmates in each age group by the cancer-specific statewide male incidence rate for the same age-group. Ten 5-year age groups were used; 20-24, 25-29, 30-34... 55-59, 60-64, and 65+. Cancer risks for white, black and Hispanic males can differ considerably. To control for differences, the state's age-specific rate for each group was weighted by the proportion of the prison population represented by each group to produce a weighted whiteblack-Hispanic male age-specific incidence rate. Proportions used to weight age-specific rates for whites, blacks, and Hispanics were, p<sub>1</sub>=0.394, p<sub>2</sub>=0.494, and p<sub>3</sub>=0.112, respectively; where p<sub>1</sub> + p<sub>2</sub> + p<sub>3</sub>=1.000. For each cancer type, the numbers of cancer cases expected for each age group were summed across ages to obtain the total number of cases expected in the prison population. When cancer risks were the same for prisoners as men statewide, then observed numbers of cases should be the same as the number expected. Thus, an SIR close to 1.00 indicates the incidence rate or risk experienced by inmates is the same as other men living in the state. An SIR greater than 1.00 [Obs./Exp. >1.00] suggests the cancer rate is elevated relative to the state, and similarly a ratio less than 1.00 indicates the study group's risk is lower than male residents of Pennsylvania.

#### Results

Table 1 shows both the distribution of all 45 cases diagnosed between September 2003 and December 2012, and 114,630 statewide cases for the 2007-2009 three years period. The four leading types diagnosed for state males were colon & rectum, bronchus & lung, prostate and urinary bladder. Together they accounted for 67,747 cases or 59.1 percent of total cancers, while among inmates 25 cases or 55.5 percent. Though the numbers of cases diagnosed for prisoners were small their distribution was similar to all Pennsylvania males. Percentages varied from the state by less than 2.0 percent for eleven types; esophagus, stomach, pancreas, larynx, bronchus & lung, urinary bladder, prostate, brain/CNS, thyroid, NH lymphomas, leukemia. Only for liver cancer was the proportion of cases greater than five percent (8.9 % versus 2.0%) compared to Pennsylvania.

Table 2 shows the SIR values for 17 individual cancer types and All Cancers combined. For nearly every type, the numbers of cases diagnosed for prisoners were fewer than expected based on statewide incidence rates for men. But significantly lower rates were found only for colon-rectum (SIR=0.51, 3 obs./5.85 exp.), bronchus & lung (SIR=0.76, 6 obs./7.93 exp.), and prostate cancer (SIR=0.62, 12 obs./19.26 exp.)), in addition to All Cancers (SIR=0.70, 45 obs./64.7 exp.). Whereas significantly elevated rates were seen for only liver cancers (SIR=1.52, 4 obs. / 2.63 exp.). While incidence ratios exceeded 1.00 for urinary bladder (SIR=1.76), Hodgkin's lymphoma (SIR=2.67), and leukemia (SIR=1.32) these were not statistically significant.

#### Discussion

This study was conducted with the purpose of defining the cancer burden among inmates examining the types of cancer, their relative frequencies, and the incidence rates or risks. Based on the medical and epidemiological literature several well established risk factors causally linked to specific cancers can likely explain the variations in rates from expectation based on risk factors associated with some prisoners. These are discussed in the medical and public health literature and summarized here.

#### Bronchus, Lung and Other Respiratory Cancers

The rate of lung cancer appears to be about 24 percent lower than Pennsylvania males (SIR=0.76). If these inmates were long time cigarette smokers, it's fairly certain their behavior was responsible for their disease. Tobacco smoke causes 85 to 90 percent of all bronchus and lung cancer cases therefore when cancer rates differ between populations, it can be attributed to differences in smoking prevalence rather than other sources of carcinogens. In addition nasal, oral, and laryngeal cancers are directly caused by cigarettes too. The types and proportions of cases attributable are; mouth [0.65], larynx [70.]; where a history of excessive alcohol consumption adds to the risks.

Tobacco smoke is a major source of pollution. It contains 7,000 chemicals, 250 are very harmful and affect every system of the body. Health affects occur from their absorption through tissues lining the respiratory and digestive tracts and from chemicals transported to other organs through the blood. Toxic substances include; 1) metals, comprising arsenic, beryllium, cadmium, chromium, and nickel, 2) radioactive elements polonium-210 and lead-210 metals and

radon, 3) toxic hydrocarbons including very potent carcinogens; 1,3 butadiene, vinyl chloride, in addition to formaldehyde, benzo-a-pyrene and toluene.

#### Urinary Bladder, Kidney, Pancreas, Esophagus, Liver

In addition to respiratory cancers, other types caused from tobacco smoke and the percent of cases attributable are; pancreas - 22%, Liver - 15%, kidney-27%, urinary bladder-40%, and esophagus up to 70 % when combined with long term heavy alcohol consumption. Together there were 12 tobacco-related cancer cases diagnosed among these inmates. If long-term smoking was characteristic of each case then it would be reasonable to expect at least half or six occurred from tobacco use (cigarettes, cigarillos, cigars).

#### Colon-rectum

Three cases were diagnosed during the 2003-2012 period. While several risk factors are recognized, it is not clear the magnitude of the risk conveyed. Diets high in fat and/or low in fiber content are associated. Other high-risk conditions include history of adenomatous polyps, familial polyposis syndrome, and inflammatory bowel disease. Environmental carcinogens have been explored primarily in relation to food consumption. Animal and experimental studies show that heterocyclic aromatic amines (HAA) serve as mutagens and are the result of both the type of foods consumed and how they are prepared. Sources include heating of fats, as well as meats and fish that are smoked, barbecued or cured. However, these food sources alone do not seem to account for the higher rates that we see in Pennsylvania. Other important factors include calcium consumption (preventative), vitamin D consumption (preventative), as well as alcohol consumption (promotion), and obesity (promotion). Pollution, however, has not been linked to bowel cancers.

#### Liver

The most common risk factor for liver cancer is chronic (long-term) infection with hepatitis B virus (HBV) or hepatitis C virus (HCV). These infections lead to cirrhosis of the liver. People infected with both viruses have a high risk of developing chronic hepatitis, cirrhosis, and liver cancer. Cirrhosis is a disease in which liver cells become damaged and are replaced by scar tissue, which in turn is linked with an increased risk of liver cancer. The risk is even higher if they are heavy drinkers (at least 6 standard drinks a day). Alcohol abuse is a leading cause of cirrhosis in the United States, and being very overweight increases the risk of

liver cancer. This is probably because it can result in fatty liver disease and cirrhosis. Type 2 diabetes has been linked with an increased risk as well. Infection with these viruses and alcohol consumption are also linked to behavioral determinants. Environmental agents long recognized as carcinogens for this cancer include *aflatoxins* made by a fungus that contaminates peanuts, wheat, soybeans, ground nuts, corn, and rice. Storage in a moist, warm environment can lead to the growth of this fungus. Exposures to high concentrations of work-related plastic solvents is a risk factor, as are anabolic steroids, male hormones used by some athletes to increase their strength and muscle mass increase risk. Drinking water contaminated with naturally occurring arsenic, such as that from some wells, over a long period of time increases the risk of some types of liver cancer, though the arsenic species responsible for elevating liver cancer risk is not common in the U.S. and is not present in domestic or environmental water at the prison.

#### Prostate

The most important risk factors for prostate cancer are age and race. While only one in 10,000 men under age 40 will be diagnosed with the cancer, the rate increases dramatically with age so that one in 15 men in their 60s will be diagnosed. African American men are approximately 60 percent more likely to develop prostate cancer in their lifetime than Caucasian or Hispanic men, and there were 26 percent more Black prisoners than whites leading to larger numbers of cases. Men don't always demonstrate special symptoms leading to their diagnosis, rather screening reveals large numbers of cases and can affect the disease rate in a population. In Pennsylvania as elsewhere other factors contributing to risk include family history where men are twice as likely to develop the disease if an immediate blood relative, such as a father or brother, had prostate cancer. Other risk factors include a diet high in saturated fat, as well as obesity, and use of testosterone therapy. The ambient environment including pollution is not recognized as a source of carcinogens though.

#### Lymphomas

Four lymphomas were identified from the Pennsylvania Cancer Registry among inmates; two cases of Hodgkin's disease (HD) or Hodgkin's lymphoma and two cases of non-Hodgkin's lymphoma (NHL). Neither of these types is linked to ambient pollution. Risk factors for Hodgkin's lymphoma or Hodgkin's disease (HD) are largely unknown. There is no established association with tobacco use, diet, or alcohol, though hormones may play a role. An infectious

origin has been suggested, particularly the role of the DNA Epstein-Barr virus (EBV), and the risk of HD is somewhat higher in people who have been infected with it. However, the virus' role still is uncertain, though the HIV is a risk factor for NHL. Studies of lymphomas show little or no evidence to support the idea they are caused by toxic waste sources.

#### Leukemia

Leukemia have received much attention when concerns arise about environmental toxins. There are several established agents for the leukemia, however they account for a small proportion of all cases. The cause(s) of most leukemia cases remain largely unknown. The role of viruses in animals has been established for a long time. More recently, the human T-cell lymphotropic virus (HTLV-1), the AIDS virus, and the Epstein-Barr virus (EBV) have been shown to cause some adult T-cell leukemia. In addition, therapeutic agents such as chemotherapy (alkylation agents) can cause leukemia. Several sources of x-radiation have been shown to cause the disease, however doses must be relatively large; as with diagnostic x-rays and long-term exposures to high levels of radiation. For non-ionizing radiation, there are no proven excesses from electromagnetic fields. Cigarette smoking does support an elevated risk of leukemia, but alcohol consumption data is conflicting. In addition some genetic syndromes increase lifetime risk.

Several types of cancer aren't discussed in this report as little is known about their etiology. It would not be constructive to ascribe a cause without a body of supporting evidence from recognized scientific institutions such as the National Cancer Institute, Centers for Disease Control and Prevention, National Institute of Medicine, or U.S. Preventative Services Task Force.

While controlling large amounts of fly ash is an important environmental management issue and populations can be vulnerable to its irritant effects on the skin and body membranes, including the respiratory tract, the medical and epidemiological literature does not support the idea that exposure to this material creates an excess cancer risk. Its inflammatory effects on people from its physical properties and interactions with chemical constituents do not increase the risks of cancer, and interactions with chemical constituents including toxic hydrocarbons also have not been shown to increase cancer risks.

#### Summary

The purpose of this study was to: 1) understand the types of cancer affecting men ate the prison, 2) evaluate the rates of occurrence, and 3) assess whether the ambient environment of the facility could have contributed to the incidence over time. The creation of rates was based on the premise that any stay at the SCI facility could elevate an inmate's risk and would be measureable if inmates were followed long enough. Follow-up is important to obtain most reliable measure of risk (rates), because cancers have very long "incubation" periods and since small numbers of inmates were studied. A limitation of this study was the inability to link inmate identifiers to the cancer registry over a longer period of time. It would have been most effective to trace all inmates over time by linking them to the PCR as well as other cancer registries in neighboring states where they might have resided, in order to obtain the best measure cancer occurrence after leaving SCI Fayette. For these reasons the determination of rates in this study is less precise. Just the same this examination of incidence in these men provides an important picture of the magnitude of cancer in the prison population.

The Department of Health is sensitive to concerns about disease clusters in all communities, including residents of SCI Fayette. In an effort to provide the most current assessment of the cancer burden and risk, the types of cancer, the relative frequencies and incidence rates were examined through 2012. This *study* was not designed to be an etiological investigation; to determine whether a particular pollutant in the environment is a carcinogen. Answers to this question require analytical designs that are beyond the scope of work of the PADOH. Studies of etiology are the responsibility of the National Cancer Institute (NCI), and the Centers for Disease Control (CDC), and universities. These institutions have already been important resources for examining the potential for fly ash to cause cancer.

This study provides objective measures of cancer incidence rates compared to all men in Pennsylvania. Based on the types of cancer observed and the rates, there isn't an indication the environment contributes to the risk, and there are no environmental data demonstrating that there are human exposures to significant levels of carcinogens that could increase the cancer risk.

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Table 1

Distribution of Incident Cancer Cases by Type, Male Inmates SCI-Fayette Facility
Diagnosed from 2003 to 2012 and Male PA Residents from 2007 to 2009

		SCI Favette [2003-2012]		Pennsylvania [2007-2009]	
1 .	Percent	Cases	Percent	Cases	
All Cancers	100.0	45	100,0	114,630	
Mouth & Pharynx	0.0	0	2.9	3,350	
Esophagus	0.0		1.7	1,968	
Stomach	2,2	articus 4	1.8	2,020	
Colon - Rectum	6.7	3	9.8	11,200	
Liver	8.9	4	2.0	2,248	
Pancreas	2.2	Area Area Area Area Area Area Area Area	2.5	2,835	
Larynx	2.2	Ten	e, r	1,451	
Bronchus & Lung	13.3	6	14.7	16,894	
Malignant Melanonma - Sk	i 0.0	0	3.9	4,437	
Kidney	0.0	drescringsands	4.0	4,593	
Urmary Bladder	2.8	4	7,6	8,663	
Prostate	26.7	12	27.0	30,990	
Brain & Nervous System	2.2	1	1.4	1,590	
Thyroid	0.0	O O	1.5	1,768	
Non-Hodgkin's Lymphoma	4.4	2	4.3	4,917	
Hodgkin's Lymphoma	4,4	2	0.6	684	
Leukemia	4.4	2	2.7	3,146	
Other & Unknown	13.3	6	. 11.9	11,876	

Pennsylvania Department of Health

Table 2 Observed and Expected Cancer Cases, and Risk Ratios [SIR] Inmates of Pennsylvania State Correctional Facility Fayette, for 2003-2012

CANCER		ses		Risk Ratio [SIR] Obs. / Exp. Cases	
CANCER	Observed A	Expected B	Ο 85. / ΕΧ <b>Ω</b> . <u>Α // Β</u>	_Sig.	
		<u>~</u>	<u> </u>		
All Cancers	<u>45</u>	64.70	<u>0.70</u>	eig	
Mouth & Pharynx	O	2.29	0	'ns	
Esophagus	0	0.84	0	m .	
Stomach	1	1.33	0.75	ηż	
Colon-Rectum	3	5,65	0,51	вīд	
Liver	4	2,63	1.52	eig	
Pancreas	٦	1.49	0.67	DŞ	
Larynx	1 .	1.40	0,71	ipr.	
Bronchus & Lung	6	7,93	0,76	elg	
Malig. Melanoma-Skin	0	1.32	0	ElE	
Kidney	۵	3.15	0	113	
Urinary Bladder	4	2.27	1.76	æ	
Prostate	12	19.26	0,62	នថ្ងៃ	
Brain & Nervous Sys.	1	1.08	0.93	118	
Thyroid	0	1.11	0	- ns	
Non-Hodgkin's Lymphoma	. 2	3,11	0,64	ns	
Hodgkin's Lymphoma	2	0.75	2.67	nŝ	
Leukemia	. 2	1,51	1.32	nŝ	
Other & Unknown	6	-	<b>-</b>		

#### Pennsylvania Department of Health.

Observed based on incidence during or after prison stay.
 Based on standardized rates; adjusted by age, race/Hispanic.

sig Rate statistically significant.

Rate not statistically significant.

#### IN THE COMMONWEALTH COURT OF PENNSYLVANIA

UNIONTOWN NEWSPAPERS, INC., d/b/a/ THE HERALD STANDARD; AND CHRISTINE HAINES,

Petitioners,

.

v.

No. 66 M.D. 2015

PA DEPARTMENT OF CORRECTIONS,

Respondent

## **CERTIFICATE OF SERVICE**

I hereby certify that I deposited in the U.S. Mail a true and correct copy of the foregoing *Answer and New Matter* to be served upon the following person(s) in the manner indicated below:

Service by first-class mail addressed as follows:

Charles Kelly, Esq.
Saul Ewing
One PPG Place, Suite 3010
Pittsburgh, PA 15222

Kathleen A. Higgins, Esq.
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Harrisburg, PA 17120-0225

Shelly R. Holley

Legal Assistant II

Pennsylvania Department of Corrections

Office of Chief Counsel 1920 Technology Parkway Mechanicsburg, PA 17050

Dated: June xx, 2015

#### IN THE COMMONWEALTH COURT OF PENNSYLVANIA

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v.

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I hereby certify that I deposited in the U.S. Mail a true and correct copy of the foregoing *Answer and New Matter* to be served upon the following person(s) in the manner indicated below:

Service by first-class mail addressed as follows:

Charles Kelly, Esq. Saul Ewing One PPG Place, Suite 3010 Pittsburgh, PA 15222

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Legal Assistant II

Pennsylvania Department of Corrections

Office of Chief Counsel

1920 Technology Parkway

Mechanicsburg, PA 17050

Dated: June 17, 2015



# RECEIVED

OFFICE OF OPEN RECORDS

June 17, 2015

Michael F. Krimmel, Esquire Deputy Prothonotary and Chief Clerk Pennsylvania Judicial Center 601 Commonwealth Avenue, Suite 2100 P.O. Box 69185 Harrisburg, PA 17106-9185

Re: Uniontown Newspapers, Inc. et al. v. Pa. DOC

No. 66 M.D. 2015

Dear Mr. Krimmel:

Please find enclosed for filing in the above-captioned matter my entry of appearance for the Department of Corrections and the Department's answer/new matter. I have enclosed copies to be time-stamped and returned to me by way of the messenger.

Thank you for your attention to this matter.

Sincerely,

Maria G. Macus

Maury Macros

**Assistant Counsel** 

#### Enclosures

cc: Charles Kelly, Saul Ewing LLP, One PPG Place, Suite 3010, Pittsburgh, PA 15222, (w/enclosures)

Kathleen A. Higgins, Esq., Office of Open Records, Commonwealth Keystone Building, 400 North Street, 4<sup>th</sup> Floor, Harrisburg, PA 17120-0225 File