

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 10/27/11 at 1:00 pm  
**SAMPLE DATE:** 10/26-10/27/11 (24 Hr.)

**REPORT DATE:** 11/07/11  
**ASI ID#:** 107190

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	< 2	mg/L	2	SM 5210B	JT	10/28/11 @ 1:00 pm
	TSS	2	mg/L	2	SM 2540D	JT	10/31/11 @ 10:00 am
	Fecal Coliform 10/27/11 @ 11:50 am	10	per 100 mL	1	SM 9222D	RD	10/27/11 @ 4:09 pm
	Ammonia-N	0.93	mg/L	0.10	SM 4500NH3-B,C	MI	10/28/11 @ 11:00 am
	Alkalinity	101	mg/L	1	2320B	AC	11/02/11 @ 9:50 am
	Bromide	4.21	mg/L	0.10	300.0	BB	10/27/11 @ 5:14 pm
	Sulfate	39.4	mg/L	5.0	300.0	BB	10/27/11 @ 5:14 pm

CBOD Started 10/28/11 at 1:00 pm, Ended 11/02/11 at 1:00 pm.

Fecal Coliform Started 10/27/11 at 4:09 pm, Ended 10/28/11 at 4:00 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

**By:** *William J. Sabatose*

**Date:** 11/07/11

**For:** William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 10/12/11 at 1:15 pm  
**SAMPLE DATE:** 10/11-10/12/11 (24 Hour)

**REPORT DATE:** 11/04/11  
**ASI ID#:** 106812

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	< 2	mg/L	2	SM 5210B	JT	10/13/11 @ 1:00 pm
	TSS	< 2	mg/L	2	SM 2540D	JT	10/12/11 @ 10:00 am
	Ammonia-N	7.62	mg/L	0.10	SM 4500NH3-B,C	MI	10/13/11 @ 10:00 am
	Fluoride	26.1	mg/L	0.5	SM 4500 F-C	CC	10/18/11 @ 3:06 pm
	Nickel	0.0216	mg/L	0.005	200.8	BB	10/18/11 @ 3:06 pm
	Fecal Coliform 10/12/11	< 1	per 100 mL	1	SM 9222D	RD	10/12/11 @ 3:27 pm
	T.D.S.	1,947	mg/L	10	SM 2540C	JT	10/12/11 @ 10:00 am
	Chloride	891	mg/L	3.0	300.0	BB	10/12/11 @ 7:08 pm
	Copper	0.0178	mg/L	0.010	200.8	BB	10/18/11 @ 3:06 pm
	Osmotic Pressure	6	mOsm/Kg	--	82550	GC	10/18/11
	Barium	0.572	mg/L	0.005	200.8	BB	10/18/11 @ 3:06 pm
	Strontium	1.08	mg/L	0.010	200.8	BE	10/19/11 @ 11:25 am

CBOD Started 10/13/11 at 1:00 pm, Ended 10/18/11 at 1:00 pm.

Fecal Coliform Started 10/12/11 at 3:27 pm, Ended 10/13/11 at 3:30 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

By: *William Sabatose*

Date: 11/04/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER: Ridgway Borough POTW**  
**108 Main St.**  
**Ridgway, PA 15853**  
**Attn: Larry Marshall**

**Page 1 of 1**

**SAMPLE RECEIVED: 10/12/11 at 1:15 pm**  
**SAMPLE DATE: 10/11-10/12/11 (24 Hr.)**

**REPORT DATE: 11/04/11**  
**ASI ID#: 106812**

**DESCRIPTION OF SAMPLE: Wastewater - Effluent**

### TOTAL ANALYSIS RESULTS:

TEST	RESULT	UNCERT.	MDA	UNITS	METHOD	BY	DATE/TIME
Gross Alpha	1.91	±5.43	24.00	pCi/L	EPA 900.0	BPS-CV	10/19/11 @ 8:50 am, ended 10/26/11
Gross Beta	14.68	±5.13	15.31	pCi/L	EPA 900.0	BPS-CV	10/19/11 @ 8:50 am, ended 10/26/11
Radium-226	17.29	±0.99	1.54	pCi/L	EPA 903.0	BH-CV	10/21/11 @ 9:15 am, ended 11/03/11
Radium-228	-0.14	±0.45	0.75	pCi/L	EPA 904.0	NLB-CV	10/20/11 @ 10:20 am, ended 10/23/11
Uranium	<0.50			µG/L	EPA 200.8	JRA-CV	10/17/11 @ 11:35 am, ended 10/18/11
Uranium	<0.34			pCi/L	EPA 200.8	JRA-CV	10/17/11 @ 11:35 am, ended 10/18/11

Analysis performed by Benchmark Analytics LAB ID#: 39-00401\*CV.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

BY: *William J. Sabatose*

DATE: 11/04/11

FOR: William J. Sabatose, Chief Chemical Analyst

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 10/05/11 at 1:15 pm  
**SAMPLE DATE:** 10/04-10/05/11 (24 Hour)

**REPORT DATE:** 10/26/11  
**ASI ID#:** 106658

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

PARAMETER	RESULT	UNITS	QUANTITATION LIMIT	METHOD	BY	DATE & TIME
CBOD <sub>5</sub>	< 2	mg/L	2	SM 5210B	JT	10/06/11 @ 12:00 pm
TSS	2	mg/L	2	SM 2540D	JT	10/06/11 @ 2:00 pm
Ammonia-N	0.36	mg/L	0.10	SM 4500NH3-B,C	MI	10/07/11 @ 2:00 pm
Fluoride	22.5	mg/L	0.5	SM 4500 F-C	CC	10/11/11 @ 9:18 am
Nickel	0.0102	mg/L	0.005	200.8	BB	10/11/11 @ 4:42 pm
Fecal Coliform 10/05/11 @ 12:35 pm	9	per 100 mL	1	SM 9222D	RD	10/05/11 @ 4:07 pm
T.D.S.	1,098	mg/L	10	SM 2540C	JT	10/06/11 @ 9:00 am
Chloride	514	mg/L	3.0	300.0	BB	10/06/11 @ 6:34 pm
Copper	<0.010	mg/L	0.010	200.8	BB	10/11/11 @ 4:42 pm
Osmotic Pressure	325	mOsm/Kg	--	82550	GC	10/10/11
Barium	0.346	mg/L	0.005	200.8	BB	10/11/11 @ 4:42 pm
Strontium	0.738	mg/L	0.010	200.8	BB	10/12/11 @ 10:53 am

CBOD Started 10/06/11 at 12:00 pm, Ended 10/11/11 at 12:30 pm.  
Fecal Coliform Started 10/05/11 at 4:07 pm, Ended 10/06/11 at 4:00 pm.  
Osmotic Pressure performed by G&C Laboratories Lab ID#: 33-00325.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

By: *William J. Sabatose*

Date: 10/26/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## CHEMICAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main Street  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE DATE:** 10/04-10/05/11  
**RECEIPT DATE:** 10/05/11 at 1:15 pm

**ASI ID:** 106658  
**REPORT DATE:** 10/26/11

**SAMPLE DESCRIPTION:** Ridgway POTW Wastewater Effluent

### TOTAL ANALYSIS RESULTS:

TEST	RESULT	UNCERT.	MDA	UNITS	METHOD	BY	DATE/TIME
Gross Alpha	12.54	±4.12	10.12	pCi/L	EPA 900.0	BPS-CV	10/11/11 @ 8:45 am, ended 10/16/11
Gross Beta	14.51	±3.65	10.73	pCi/L	EPA 900.0	BPS-CV	10/11/11 @ 8:45 am, ended 10/16/11
Radium-226	0.79	±0.17	0.95	pCi/L	EPA 904.0	BH-CV	10/10/11 @ 10:45 am, ended 10/19/11
Radium-228	0.82	±0.64	0.72	pCi/L	EPA 903.0	MJS-CV	10/07/11 @ 6:35 pm, ended 10/19/11
Uranium	<0.50			µG/L	EPA 200.8	JRA-CV	10/10/11 @ 12:10 pm, ended 10/12/11
Uranium	<0.34			pCi/L	EPA 200.8	JRA-CV	10/10/11 @ 12:10 pm, ended 10/12/11

Above Analysis Performed By Benchmark Analytics Lab #39-00401

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

**Reviewed and Approved By:** William J. Sabatose **Date:** 10/26/11

**For:** William J. Sabatose, Chief Chemical Analyst

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 10/20/11 at 1:45 pm  
**SAMPLE DATE:** 10/19-10/20/11 (24 Hr.)

**REPORT DATE:** 10/26/11  
**ASI ID#:** 107038

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	< 2	mg/L	2	SM 5210B	JT	10/21/11 @ 1:00 pm
	TSS	2	mg/L	2	SM 2540D	JT	10/24/11 @ 10:00 am
	Fecal Coliform 10/20/11 @ 11:05 am	2	per 100 mL	1	SM 9222D	RD	10/20/11 @ 4:05 pm
	Ammonia-N	0.85	mg/L	0.10	SM 4500NH3-B,C	MI	10/21/11 @ 5:00 pm
	Bromide	7.78	mg/L	0.10	300.0	BB	10/21/11 @ 9:32 pm
	Alkalinity	55	mg/L	1	2320B	AC	10/21/11 @ 2:40 pm
	Sulfate	32.5	mg/L	5.0	300.0	BB	10/21/11 @ 9:32 pm

CBOD Started 10/21/11 at 1:00 pm, Ended 10/26/11 at 1:30 pm.

Fecal Coliform Started 10/20/11 at 4:05 pm, Ended 10/21/11 at 4:00 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

By: *William Sabatose*

Date: 10/26/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 10/13/11 at 12:45 pm  
**SAMPLE DATE:** 10/12-10/13/11 (24 Hr.)

**REPORT DATE:** 10/19/11  
**ASI ID#:** 106863

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	2	mg/L	2	SM 5210B	JT	10/14/11 @ 1:00 pm
	TSS	2	mg/L	2	SM 2540D	JT	10/17/11 @ 11:00 am
	Fecal Coliform 10/13/11 @ 9:45 am	2	per 100 mL	1	SM 9222D	RD	10/13/11 @ 4:10 pm
	Ammonia-N	8.44	mg/L	0.10	SM 4500NH3-B,C	MI	10/14/11 @ 4:00 pm
	Bromide	10.9	mg/L	0.10	300.0	BB	10/14/11 @ 6:05 pm
	Alkalinity	15	mg/L	1	2320B	CH	10/13/11 @ 3:10 pm
	Sulfate	33.1	mg/L	5.0	300.0	BB	10/14/11 @ 6:05 pm

CBOD Started 10/14/11 at 1:00 pm, Ended 10/19/11 at 1:00 pm.

Fecal Coliform Started 10/13/11 at 4:10 pm, Ended 10/14/11 at 4:00 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

By: *Brianna Boward*

Date: 10/19/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 10/06/11 at 1:15 pm  
**SAMPLE DATE:** 10/05-10/06/11 (24 Hr.)

**REPORT DATE:** 10/12/11  
**ASI ID#:** 106689

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	< 2	mg/L	2	SM 5210B	JT	10/07/11 @ 1:00 pm
	TSS	< 2	mg/L	2	SM 2540D	JT	10/11/11 @ 9:00 am
	Fecal Coliform 10/06/11 @ 11:25 am	26	per 100 mL	1	SM 9222D	RD	10/06/11 @ 3:20 pm
	Ammonia-N	0.33	mg/L	0.10	SM 4500NH3-B,C	MI	10/07/11 @ 2:00 pm
	Bromide	4.86	mg/L	0.10	300.0	BB	10/07/11 @ 3:51 pm
	Sulfate	34.6	mg/L	5.0	300.0	BB	10/07/11 @ 3:51 pm
	Alkalinity	107	mg/L	1	2320B	CH	10/10/11 @ 11:10 am

CBOD Started 10/07/11 at 1:00 pm, Ended 10/12/11 at 1:00 pm.

Fecal Coliform Started 10/06/11 at 3:20 pm, Ended 10/07/11 at 3:30 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

By: 

Date: 10/12/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 12/01/11  
**SAMPLE DATE:** 11/30-12/01/11 (24 Hr.)

**REPORT DATE:** 12/07/11  
**ASI ID#:** 107903

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	< 2	mg/L	2	SM 5210B	JT	12/02/11 @ 1:00 pm
	TSS	2	mg/L	2	SM 2540D	JT	12/02/11 @ 10:00 am
	Fecal Coliform 12/01/11 @ 9:00 am	2	per 100 mL	1	SM 9222D	RD	12/01/11 @ 4:06 pm
	Ammonia-N	0.60	mg/L	0.10	SM 4500NH3-B,C	MI	12/05/11 @ 3:10 pm
	Alkalinity	27	mg/L	1	2320B	CH	12/05/11 @ 8:20 am
	Bromide	3.62	mg/L	0.10	300.0	BB	12/05/11 @ 3:27 pm
	Sulfate	26.4	mg/L	5.0	300.0	BB	12/05/11 @ 3:27 pm

CBOD Started 12/02/11 at 1:00 pm, Ended 12/07/11 at 1:15 pm.

Fecal Coliform Started 12/01/11 at 4:06 pm, Ended 12/02/11 at 4:00 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

By: 

Date: 12/07/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 11/23/11 at 2:30 pm  
**SAMPLE DATE:** 11/22-11/23/11 (24 Hr.)

**REPORT DATE:** 12/01/11  
**ASI ID#:** 107810

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	< 2	mg/L	2	SM 5210B	JT	11/25/11 @ 8:00 am
	TSS	4	mg/L	2	SM 2540D	JT	11/28/11 @ 9:00 am
	Fecal Coliform 11/23/11 @ 9:00 am	7	per 100 mL	1	SM 9222D	RD	11/23/11 @ 2:43 pm
	Ammonia-N	0.52	mg/L	0.10	SM 4500NH3-B,C	MI	11/25/11 @ 10:30 am
	Alkalinity	40	mg/L	1	2320B	CH	11/30/11 @ 10:15 am
	Bromide	5.10	mg/L	0.10	300.0	BB	11/24/11 @ 12:05 am
	Sulfate	35.1	mg/L	5.0	300.0	BB	11/24/11 @ 12:05 am

CBOD Started 11/25/11 at 8:00 am, Ended 11/30/11 at 8:00 am.

Fecal Coliform Started 11/23/11 at 2:43 pm, Ended 11/24/11 at 2:30 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

By: *Brianna Rowland*

Date: 12/01/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 11/10/11 at 1:15 pm  
**SAMPLE DATE:** 11/09-11/10/11 (24 Hour)

**REPORT DATE:** 11/28/11  
**ASI ID#:** 107513

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	2	mg/L	2	SM 5210B	JT	11/11/11 @ 1:00 pm
	TSS	8	mg/L	2	SM 2540D	JT	11/15/11 @ 9:00 am
	Ammonia-N	3.02	mg/L	0.10	SM 4500NH3-B,C	MI	11/16/11 @ 9:00 am
	Fluoride	23.9	mg/L	0.5	SM 4500 F-C	CC	11/16/11 @ 9:00 am
	Nickel	0.0183	mg/L	0.005	200.8	BB	11/17/11 @ 11:13 am
	Fecal Coliform 11/10/11 @ 10:55 am	770	per 100 mL	1	SM 9222D	RD	11/10/11 @ 3:05 pm
	T.D.S.	1930	mg/L	10	SM 2540C	JT	11/15/11 @ 9:00 am
	Chloride	919	mg/L	3.0	300.0	BB	11/18/11 @ 10:06 pm
	Copper	0.0229	mg/L	0.010	200.8	BB	11/17/11 @ 11:13 am
	Osmotic Pressure	4	mOsm/Kg	--	82550	GC	11/15/11
	Barium	0.629	mg/L	0.005	200.8	BB	11/17/11 @ 11:13 am
	Strontium	1.14	mg/L	0.010	200.8	BB	11/21/11 @ 10:04 am

CBOD Started 11/11/11 at 1:00 pm, Ended 11/16/11 at 1:15 pm.

Fecal Coliform Started 11/10/11 at 3:05 pm, Ended 11/11/11 at 3:30 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

By: *Brianne Foucard*

Date: 11/28/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER: Ridgway Borough POTW**  
**108 Main St.**  
**Ridgway, PA 15853**  
**Attn: Larry Marshall**

Page 1 of 1

**SAMPLE RECEIVED: 11/10/11 at 1:15 pm**  
**SAMPLE DATE: 11/09-11/10/11 (24 Hr.)**

**REPORT DATE: 11/28/11**  
**ASI ID#: 107513**

**DESCRIPTION OF SAMPLE: Wastewater - Effluent**

### TOTAL ANALYSIS RESULTS:

TEST	RESULT	UNIT	METHOD	LOQ	DF	BY	DATE
Uranium	ND	µg/L	200.8	1	1	CM	11/16/11
Gross Alpha	6.61 +/- 5.96	pCi/L	EPA 900.0	3	1	MO	11/21/11
Radium-226	1.15 +/- 0.23	pCi/L	EPA 903.0	1	1	MO	11/21/11
Radium-228	2.8 +/- 0.16	pCi/L	EPA 904.0	1	1	MO	11/18/11

Analysis performed by Summit Environmental Technologies, Inc. NELAP Accreditation #E87688.

ND = Not Detected

U = Undetected

LOQ = Laboratory Reporting Limit (Not Adjusted for Dilution Factor)

DF = Dilution Factor

**We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.**

BY: *Brianna Foucard*

DATE: 11/28/11

FOR: William J. Sabatose, Chief Chemical Analyst

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 11/17/11 at 1:00 pm  
**SAMPLE DATE:** 11/16-11/17/11 (24 Hr.)

**REPORT DATE:** 11/23/11  
**ASI ID#:** 107660

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	< 2	mg/L	2	SM 5210B	JT	11/18/11 @ 1:00 pm
	TSS	5	mg/L	2	SM 2540D	JT	11/22/11 @ 11:00 am
	Fecal Coliform 11/17/11 @ 10:35 am	6	per 100 mL	1	SM 9222D	RD	11/17/11 @ 3:50 pm
	Ammonia-N	3.08	mg/L	0.10	SM 4500NH3-B,C	MI	11/18/11 @ 1:50 pm
	Alkalinity	26	mg/L	1	2320B	CH	11/18/11 @ 7:30 am
	Bromide	3.37	mg/L	0.10	300.0	BB	11/18/11 @ 11:49 am
	Sulfate	30.7	mg/L	5.0	300.0	BB	11/18/11 @ 11:49 am

CBOD Started 11/18/11 at 1:00 pm, Ended 11/23/11 at 1:15 pm.

Fecal Coliform Started 11/17/11 at 3:50 pm, Ended 11/18/11 at 4:00 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

**By:**   
**For:** William J. Sabatose, Chief Chemical Analyst

**Date:** 11/23/11

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 11/02/11 at 12:00 pm  
**SAMPLE DATE:** 11/01-11/02/11 (24 Hour)

**REPORT DATE:** 11/16/11  
**ASI ID#:** 107319

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	2	mg/L	2	SM 5210B	JT	11/03/11 @ 11:00 am
	TSS	5	mg/L	2	SM 2540D	JT	11/03/11 @ 9:30 am
	Ammonia-N	0.82	mg/L	0.10	SM 4500NH3-B,C	MI	11/04/11 @ 4:00 pm
	Fluoride	30.7	mg/L	0.5	SM 4500 F-C	CC	11/09/11 @ 10:21 am
	Nickel	0.0190	mg/L	0.005	200.8	BB	11/14/11 @ 11:46 am
	Fecal Coliform 11/02/11 @ 11:30 am	96	per 100 mL	1	SM 9222D	RD	11/02/11 @ 2:40 pm
	T.D.S.	891	mg/L	10	SM 2540C	JT	11/03/11 @ 9:30 am
	Chloride	310	mg/L	3.0	300.0	BB	11/10/11 @ 1:12 am
	Copper	0.0505	mg/L	0.010	200.8	BB	11/14/11 @ 11:46 am
	Osmotic Pressure	51.5	mOsm/Kg	--	82550	GC	11/08/11
	Barium	0.346	mg/L	0.005	200.8	BB	11/14/11 @ 11:46 am
	Strontium	0.439	mg/L	0.010	200.8	BB	11/15/11 @ 2:34 pm

CBOD Started 11/03/11 at 11:00 am, Ended 11/08/11 at 11:00 am.

Fecal Coliform Started 11/02/11 at 2:40 pm, Ended 11/03/11 at 2:30 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

By: *William J. Sabatose*

Date: 11/16/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER: Ridgway Borough POTW**  
**108 Main St.**  
**Ridgway, PA 15853**  
**Attn: Larry Marshall**

Page 1 of 1

**SAMPLE RECEIVED: 11/02/11 at 12:00 pm**  
**SAMPLE DATE: 11/01-11/02/11 (24 Hr.)**

**REPORT DATE: 11/16/11**  
**ASI ID#: 107319**

**DESCRIPTION OF SAMPLE: Wastewater - Effluent**

### TOTAL ANALYSIS RESULTS:

TEST	RESULT	UNIT	METHOD	LOQ	MATRIX	BY	DATE
Gross Alpha	4.18 +/- 3.69	pCi/L	EPA 900.0	3	L	MO	11/08/11
Gross Beta	11.11 +/- 2.09	pCi/L	EPA 900.0	4	L	MO	11/08/11
Radium-226	U +/- 0.17	pCi/L	EPA 903.0	1	L	MO	11/09/11
Radium-228	1 +/- 0.35	pCi/L	EPA 904.0	1	L	MO	11/09/11
Uranium	ND	pCi/L	Calculation	0.5	L	CM	11/07/11
Uranium	ND	µg/L	200.8	1	L	CM	11/07/11

Analysis performed by Summit Environmental Technologies, Inc. NELAP Accreditation #E87688.

ND = Not Detected

U = Undetected

**We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.**

BY: *William J. Sabatose*

DATE: 11/16/11

FOR: William J. Sabatose, Chief Chemical Analyst

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 11/09/11 at 12:15 pm  
**SAMPLE DATE:** 11/08-11/09/11 (24 Hr.)

**REPORT DATE:** 11/16/11  
**ASI ID#:** 107474

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	< 2	mg/L	2	SM 5210B	JT	11/10/11 @ 1:00 pm
	TSS	4	mg/L	2	SM 2540D	JT	11/14/11 @ 10:00 am
	Fecal Coliform 11/09/11 @ 11:30 am	6	per 100 mL	1	SM 9222D	RD	11/09/11 @ 2:02 pm
	Ammonia-N	1.51	mg/L	0.10	SM 4500NH3-B,C	MI	11/16/11 @ 9:00 am
	Alkalinity	72	mg/L	1	2320B	CH	11/10/11 @ 8:40 am
	Bromide	8.80	mg/L	0.10	300.0	BB	11/10/11 @ 1:29 pm
	Sulfate	38.6	mg/L	5.0	300.0	BB	11/10/11 @ 1:29 pm

CBOD Started 11/10/11 at 1:00 pm, Ended 11/15/11 at 1:00 pm.

Fecal Coliform Started 11/09/11 at 2:02 pm, Ended 11/10/11 at 2:00 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

By: *William J. Sabatose*

Date: 11/16/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

# Analytical Services, Inc.

P.O. Box 237  
Brockway, PA 15824-0237

Laboratory (814) 265-8749  
FAX (814) 265-8749

## GENERAL ANALYSIS REPORT

**CUSTOMER:** Ridgway Borough  
108 Main St.  
Ridgway, PA 15853  
Attn: Larry Marshall

Page 1 of 1

**SAMPLE RECEIVED:** 11/03/11 at 1:00 pm  
**SAMPLE DATE:** 11/02-11/03/11 (24 Hr.)

**REPORT DATE:** 11/11/11  
**ASI ID#:** 107363

**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent

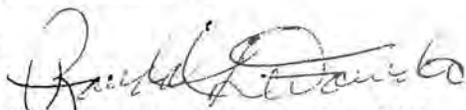
### TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD <sub>5</sub>	2	mg/L	2	SM 5210B	JT	11/04/11 @ 1:00 pm
	TSS	< 2	mg/L	2	SM 2540D	JT	11/07/11 @ 9:00 am
	Fecal Coliform 11/03/11 @ 10:45 am	1	per 100 mL	1	SM 9222D	RD	11/03/11 @ 3:57 pm
	Ammonia-N	0.71	mg/L	0.10	SM 4500NH3-B,C	MI	11/04/11 @ 4:00 pm
	Alkalinity	26	mg/L	1	2320B	CH	11/09/11 @ 11:20 am
	Bromide	5.48	mg/L	0.10	300.0	CH	11/07/11 @ 7:11 pm
	Sulfate	28.8	mg/L	5.0	300.0	CH	11/07/11 @ 7:28 pm

CBOD Started 11/04/11 at 1:00 pm, Ended 11/09/11 at 1:30 pm.

Fecal Coliform Started 11/03/11 at 3:57 pm, Ended 11/04/11 at 4:00 pm.

We certify that the above reported values were obtained by use of procedures appropriate for the sample as submitted.

**By:**   
**For:** William J. Sabatose, Chief Chemical Analyst

**Date:** 11/11/11

PADEP LAB ID#: 33-00411