**THE BOROUGH OF RIDGWAY**

PO Box 149, 108 Main St. Ridgway, Pa. 15853

(814) 772-6423

FAX (814) 772-5527

Email: curdy@windstream.net

To: Ronald FurlanFax No. 717-772-3249From: Paul McCurdySubject: Voluntary Data re: Brine TreatmentNumber of Pages Including Cover Sheet: 24

Mr. Furlan:

With This Fax is The Voluntary Data.

Check Sample descriptions as most
is Effluent Data. Some is Raw Brine
Data and some maybe receiving stream
Data.

Regards,

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 Marshal

Page 1 of 1

SAMPLE RECEIVED: 04/07/11 at 12:15 pm

REPORT DATE: 04/28/11

SAMPLE DATE: 04/06-04/07/11 (24 Hr.) 8:30-8:30 am

ASI ID#: 102446

DESCRIPTION OF SAMPLE: Ridgway POTW - Final Effluent

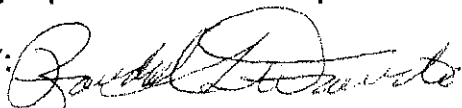
TOTAL ANALYSIS RESULTS:

TEST	RESULT	UNCERT.	MDA	UNITS	METHOD	BY	DATE/TIME
Gross Alpha	23.92	±7.31	17.47	pCi/L	EPA 900.0	BPS-CV	04/13/11 @ 8:50 am, ended 04/16/11
Gross Beta	8.54	±2.59	7.62	pCi/L	EPA 900.0	BPS-CV	04/13/11 @ 8:50 am, ended 04/16/11
Radium-226	4.88	±0.34	1.32	pCi/L	EPA 903.0	MJS-CV	04/14/11 @ 1:35 pm, ended 04/26/11
Radium-228	4.30	±6.14	15.55	pCi/L	EPA 904.0	MJS-CV	04/13/11 @ 10:45 am, ended 04/19/11
Uranium	<0.63			µG/L	EPA 200.8	JRA-CV	04/12/11 @ 9:35 am, ended 04/14/11
Uranium	<0.43			pCi/L	EPA 200.8	JRA-CV	04/12/11 @ 9:35 am, ended 04/14/11

Analysis performed by Benchmark Analytics.

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

BY:



DATE: 04/28/11

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

CHEMICAL ANALYSIS REPORT

CUSTOMER: Ridgway Borough
108 Main Street, P.O. Box 149
Ridgway, PA 15853
Attn: Paul McCurdy

Page 1 of 1

SAMPLE DATE: 01/27/11 at 7:30 am
RECEIPT DATE: 01/27/11 at 2:00 pm

ASI ID: 100995
REPORT DATE: 02/16/11

SAMPLE DESCRIPTION: Final Effluent POTW

TOTAL ANALYSIS RESULTS:

TEST	RESULT	UNCERT.	MDA	UNITS	METHOD	BY	DATE/TIME
Gross Alpha	85.39	±30.51	68.97	pCi/L	EPA 900.0	BPS-CV	02/01/11 @ 9:00 am, ended 02/04/11
Gross Beta	64.91	±21.56	63.63	pCi/L	EPA 900.0	BPS-CV	02/01/11 @ 9:00 am, ended 02/04/11
Radium-226	23.94	±3.93	24.02	pCi/L	EPA 903.0	BH-CV	02/03/11 @ 3:40 pm, Ended 02/08/11
Radium-228	50.45	±34.13	68.74	pCi/L	EPA 904.0	MJS-CV	02/03/11 @ 11:25 am, Ended 02/09/11
Uranium	<0.63			µG/L	EPA 200.8	JRA-CV	02/03/11 @ 7:40 pm, Ended 02/08/11
Uranium	<0.43			pCi/L	EPA 200.8	JRA-CV	02/03/11 @ 7:40 pm, Ended 02/08/11

Analysis Performed By Benchmark Analytics.

W/D 11013764

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: 02/16/11

For: William J. Sabatose, Chief Chemical Analyst

Analytical Services, Inc.

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

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FAX (814) 265-8749

CHEMICAL ANALYSIS REPORT

CUSTOMER: Ridgway Borough
108 Main Street, P.O. Box 149
Ridgway, PA 15853
Attn: Paul McCurdy

Page 1 of 1

SAMPLE DATE: 01/27/11 at 9:05 am
RECEIPT DATE: 01/27/11 at 2:00 pm

ASI ID: 100996
REPORT DATE: 02/16/11

SAMPLE DESCRIPTION: Brine Discharge to Oxidation Ditch

TOTAL ANALYSIS RESULTS:

TEST	RESULT	UNCERT.	MDA	UNITS	METHOD	BY	DATE/TIME
Gross Alpha	8494	±1336	1578.00	pCi/L	EPA 900.0	BPS-CV	02/01/11 @ 9:00 am, ended 02/04/11
Gross Beta	3380	±629.0	1565.00	pCi/L	EPA 900.0	BPS-CV	02/01/11 @ 9:00 am, ended 02/04/11
Radium-226	2226	±86.15	319.80	pCi/L	EPA 903.0	BH-CV	02/04/11 @ 1:25 pm, Ended 02/15/11
Radium-228	258.5	±36.22	68.67	pCi/L	EPA 904.0	MJS-CV	02/03/11 @ 11:25 am, Ended 02/09/11
Uranium	<25.63			µG/L	EPA 200.8	JRA-CV	02/03/11 @ 7:40 pm, Ended 02/07/11
Uranium	<17.43			pCi/L	EPA 200.8	JRA-CV	02/03/11 @ 7:40 pm, Ended 02/07/11

Analysis Performed By Benchmark Analytics.

W/O 11013767

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: 02/16/11

For: William J. Sabatose, Chief Chemical Analyst

Laboratory (814) 265-8749
Fax (814) 265-8749

LAB I.D. NUMBER

CHAIN OF CUSTODY / Chemical Analysis Worksheet

100990

SAMPLE DATE 1-27-2011

SAMPLING TIME 9:05

SAMPLE COLLECTED BY: Larry Marshall

SAMPLE RECEIVED

TIME

BY

SAMPLE RECEIVED

TIME

BY

LABORATORY RECEIPT 1-27-11

TIME 1400

BY

SAMPLE MATRIX 64018

NUMBER / TYPE OF CONTAINERS

PRESERVATIVES (s) ADDED

CONDITION OF SAMPLES AS RECEIVED

SAMPLE LOCATION / IDENTIFICATION Brine discharge to Oyster Bay Ditch

REPORTED TO WHOM:

Needed By (date)

CUSTOMER:

Phone #: 772-6423

FAX #: 772-55-27

Purchase Order #

[illegible]

Analytical Services, Inc.P.O. Box 237
Brockway, PA 15824-0237Laboratory (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: 05/12/11 at 2:20 pm
SAMPLE DATE: 05/11-05/12/11 at 7:30-7:30 amREPORT DATE: 05/19/11
ASI ID#: 103174

DESCRIPTION OF SAMPLE: Ridgway POTW - Effluent

TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD ₅	9	mg/L	2	SM 5210B	BB	05/13/11 @ 11:00 am
	TSS	< 2	mg/L	2	SM 2540D	JT	05/13/11 at 2:30 pm
	Fecal Coliform 05/12/11 @ 8:30 am	54	per 100 mL	1	SM 9222D	RD	05/12/11 @ 3:15 pm
	Ammonia-N	4.84	mg/L	0.10	SM 4500NH3-B,C	MI	05/12/11 @ 4:30 pm
	Alkalinity	69	mg/L	1	SM 2320B	CH	05/18/11 @ 2:15 pm
	Sulfate	10.6	mg/L	5.0	300.0	BB	05/12/11 @ 5:20 pm
	Bromide	17.6	mg/L	0.10	300.0	BB	05/12/11 @ 5:20 pm

CBOD Started 05/13/11 at 11:00 am, Ended 05/18/11 at 11:20 am.

Fecal Coliform Started 05/12/11 at 3:15 pm, Ended 05/13/11 at 3:30 pm.

CBOD₅ Data Qualifier K2: The sample dilutions set-up for the CBOD analysis did not meet the criteria of a residual DO of at least 1 mg/L. Any reported result is an estimated value.

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

By: *William J. Sabatose*

Date: 05/19/11

For: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

ANALYTICAL SERVICES INC.

P.O. Box 237- Fermantown Road
Brockway, PA 15824

Laboratory (814) 265-8749
Fax (814) 265-8749

LAB I.D. NUMBER

103174

CHAIN OF CUSTODY / Chemical Analysis WorksheetSAMPLE DATE 5-11 TO 5-12 2011 SAMPLING TIME 24 hr 7:30 - 7:30 AMSAMPLE COLLECTED BY: JOSH QUATTROSAMPLE RECEIVED 5-12-11TIME 11:20aBY WILLIAM

SAMPLE RECEIVED

TIME

BY

LABORATORY RECEIPT 5-12-11TIME 1420BY CHESAMPLE MATRIX Wastewater

EFF

NUMBER / TYPE OF CONTAINERS 4PRESERVATIVES (s) ADDED as requiredCONDITION OF SAMPLES AS RECEIVED on ice TB 11K 16°C PH-NH₃ 12SAMPLE LOCATION / IDENTIFICATION Ridgway POTW - EffluentREPORTED TO WHOM: LARRY MARSHALLDate 5-12-2011

Needed By (date)

CUSTOMER:

Ridgway Borough

Phone #:

108 Main St

FAX #:

Ridgway, PA 15853

Purchase Order #

PARAMETER	RESULT	METHOD	PERFORMED BY/DATE/TIME	COMMENTS/NOTES
CBOD5	mg/L	SM 5210B		
T.S.S.	mg/L	SM 2540 D		
Fecal Coliform	/ 100 mL	SM 9222D		Grab Date: <u>5-12</u> Grab Time: <u>8:30</u>
Ammonia-N	mg/L	SM 4500NH3-B,C		
X Alkalinity				
X Sulfate				
X Bromide				

Analytical Services, Inc.

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

Laboratory (814) 265-8749
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GENERAL ANALYSIS REPORT

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

Page 1 of 1

SAMPLE RECEIVED: 05/11/11 at 11:15 am
SAMPLE DATE: 05/10-05/11/11 at 7:30-7:30 am

REPORT DATE: 05/12/11
ASI ID#: 103130

DESCRIPTION OF SAMPLE: Clarion River Above & Below Outfall 001
Mid Depth - Mid Stream

TOTAL ANALYSIS RESULTS:

SAMPLE I.D.	PARAMETER	RESULT	UNIT	QUANTITATION LIMIT	METHOD	BY	DATE & TIME
Above Outfall 001	Alkalinity	21	mg/L	1	SM 2320B	AC	05/11/11 @ 1:00 pm
	T.D.S.	96	mg/L	10	SM 2540C	JT	05/11/11 @ 2:00 pm
	Bromide	<0.10	mg/L	0.10	300.0	BB	05/11/11 @ 7:05 pm
Below Outfall 001	T.D.S.	102	mg/L	10	SM 2540C	JT	05/11/11 @ 2:00 pm
	Bromide	<0.10	mg/L	0.10	300.0	BB	05/11/11 @ 7:22 pm
	Alkalinity	19	mg/L	1	SM 2320B	AC	05/11/11 @ 1:10 pm

CFs
418

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

BY: *William Sabatose*

DATE: 05/12/11

FOR: William J. Sabatose, Chief Chemical Analyst

Laboratory (814) 265-8749
FAX (814) 265-8749
LAB I-D. NO.

103130

CUSTOMER Ridgway Borough P.O. #
108 Main Street
Ridgway, PA 15853

PARAMETER	RESULT	METHOD	PERFORMED BY/DATE/TIME	COMMENTS/NOTES
ALKALINITY				
T.D.S.				
BROMIDE				
T.D.S.				
BROMIDE				
ALKALINITY				

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: 05/04/11 at 12:15 pm
SAMPLE DATE: 05/03-05/04/11 at 7:30-7:30 am

REPORT DATE: 05/16/11
ASI ID#: 102980

DESCRIPTION OF SAMPLE: Ridgway POTW - Effluent (24 Hr.)

TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD ₅	2	mg/L	2	SM 5210B	BB	05/05/11 @ 4:15 pm
	TSS	8	mg/L	2	SM 2540D	JT	05/05/11 @ 3:00 pm
	Ammonia-N	0.47	mg/L	0.10	SM 4500NH ₃ -B,C	MI	05/06/11 @ 2:00 pm
	Fluoride	7.32	mg/L	0.5	SM 4500 F-C	CC	05/10/11 @ 9:37 am
	Nickel	0.0128	mg/L	0.005	200.8	BB	05/12/11 @ 4:28 pm
	Fecal Coliform 04/05/11 @ 11:15 am	300	per 100 mL	1	SM 9222D	RD	05/04/11 @ 2:03 pm
	TDS	3,204	mg/L	10	SM 2540C	JT	05/05/11 @ 3:00 pm
	Chloride	1,568	mg/L	3.0	300.0	BB	05/06/11 @ 12:17 pm
	Copper	<0.010	mg/L	0.010	200.8	BB	05/12/11 @ 4:28 pm
	Bromide	17.0	mg/L	0.10	300.0	BB	05/06/11 @ 12:17 pm
	Alkalinity	5	mg/L	1	2320B	AC	05/13/11 @ 1:30 pm
	Sulfate	8.7	mg/L	5.0	300.0	BB	05/06/11 @ 12:17 pm

CBOD₅ Started 05/05/11 at 4:15 pm, Ended 05/10/11 at 4:00 pm.
Fecal Coliform Started 05/04/11 at 2:03 pm, Ended 05/05/11 at 2:00 pm.

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

BY:



DATE: 05/16/11

FOR: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

ANALYTICAL SERVICES INC.

P.O. Box 237- Fermantown Road
Brockway, PA 15824

Laboratory (814) 265-8749
Fax (814) 265-8749

LAB I.D. NUMBER

102980

CHAIN OF CUSTODY / Chemical Analysis Worksheet

SAMPLE DATE 5-3 to 5-4, 2011 SAMPLING TIME 24 hr 7:30 to 7:30 am

SAMPLE COLLECTED BY: LARRY MARSHALL

SAMPLE RECEIVED _____ TIME _____ BY _____

SAMPLE RECEIVED _____ TIME _____ BY _____

LABORATORY RECEIPT 5-4-11 TIME 1215 BY ml

SAMPLE MATRIX Wastewater EFF.

NUMBER / TYPE OF CONTAINERS 5

PRESERVATIVES (s) ADDED as required

CONDITION OF SAMPLES AS RECEIVED in 500 mL CLEAR PH=8.0

SAMPLE LOCATION / IDENTIFICATION Ridgway POTW - Effluent

REPORTED TO WHOM: LARRY MARSHALL
DAVE AMAGOST Needed By (date) _____

CUSTOMER: Ridgway Borough Phone #: _____
108 Main St FAX #: _____
Ridgway, PA 15853 Purchase Order # _____

PARAMETER	RESULT	METHOD	PERFORMED BY/DATE/TIME	COMMENTS/NOTES
CBOD5	mg/L	SM 5210B		
T.S.S.	mg/L	SM 2540D		
Ammonia-N	mg/L	SM 4500NH3-B,C		
Fluoride	mg/L	SM 4500F-C		
Nickel	mg/L	200.8		
Fecal Coliform	/100 mL	SM 9222D		Grab Date: <u>4-5</u> Grab Time: <u>11:15</u>
T.D.S.	mg/L	SM 2540C		
Chloride	mg/L	300.0		
Copper	mg/L	200.8		
BROMIDE		300.0		
ALKALINITY		2320 B		
Sulfate		300.0		

Analytical Services, Inc.P.O. Box 237
Brockway, PA 15824-0237Laboratory (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: 04/27/11 at 11:10 am
SAMPLE DATE: 04/26-04/27/11 at 7:30-7:30 amREPORT DATE: 05/06/11
ASI ID#: 102821

DESCRIPTION OF SAMPLE: Ridgway POTW - Effluent (24 Hr.)

TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD ₅	< 2	mg/L	2	SM 5210B	BB	04/28/11 @ 11:15 am
	TSS	8	mg/L	2	SM 2540D	JT	04/27/11 @ 3:00 pm
	Ammonia-N	15.9	mg/L	0.10	SM 4500NH ₃ -B,C	MI	04/29/11 @ 10:00 am
	Fluoride	11.8	mg/L	0.5	SM 4500 F-C	CC	05/02/11 @ 10:35 am
	Nickel	0.144	mg/L	0.005	200.8	BB	05/05/11 @ 9:51 am
	Fecal Coliform 04/27/11 @ 11:15 am	210	per 100 mL	1	SM 9222D	RD	04/27/11 @ 2:04 pm
	TDS	1,538	mg/L	10	SM 2540C	JT	04/27/11 @ 3:00 pm
	Chloride	755	mg/L	3.0	300.0	BB	04/28/11 @ 4:34 pm
	Copper	0.0205	mg/L	0.010	200.8	BB	05/05/11 @ 9:51 am
	Alkalinity	39	mg/L	1	2320B	AC	05/03/11 @ 4:20 pm
	Bromide	6.73	mg/L	0.10	300.0	BB	04/28/11 @ 4:34 pm
	Sulfate	16.3	mg/L	5.0	300.0	BB	04/28/11 @ 4:34 pm

CBOD₅ Started 04/28/11 at 11:15 am, Ended 05/03/11 at 11:20 am.
Fecal Coliform Started 04/27/11 at 2:04 pm, Ended 04/28/11 at 2:00 pm.CBOD₅ Data Qualifier K1: The sample dilutions set-up for the CBOD analysis did not meet the oxygen depletion criteria of at least 2 mg/L. Any reported result is an estimated value.

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: 05/06/11

ANALYTICAL SERVICES INC.

P.O. Box 237- Fermantown Road
Brockway, PA 15824

Laboratory (814) 265-8749
Fax (814) 265-8749

LAB I.D. NUMBER

CHAIN OF CUSTODY / Chemical Analysis Worksheet

102821

SAMPLE DATE 4-26 to 4-27 2011 SAMPLING TIME 24 hour 7:30 - 2:30 AM

SAMPLE COLLECTED BY: LARRY MARSHALL

SAMPLE RECEIVED _____ TIME _____ BY _____

SAMPLE RECEIVED _____ TIME _____ BY _____

LABORATORY RECEIPT 4-27-11 TIME 1110 BY CM

SAMPLE MATRIX Wastewater EFFLUENT

NUMBER / TYPE OF CONTAINERS 5

PRESERVATIVES (s) ADDED as required

CONDITION OF SAMPLES AS RECEIVED on ice TBK < 6°C pH all ok

SAMPLE LOCATION / IDENTIFICATION Ridgway POTW - Effluent

REPORTED TO WHOM: Dave Armagost Needed By (date) _____

CUSTOMER: Ridgway Borough Phone #: _____

108 Main St FAX #: _____

Ridgway, PA 15853 Purchase Order # _____

PARAMETER	RESULT	METHOD	PERFORMED BY/DATE/TIME	COMMENTS/NOTES
CBOD5	mg/L	SM 5210B		
T.S.S.	mg/L	SM 2640 D		
Ammonia-N	mg/L	SM 4500NH3-B,C		
Fluoride	mg/L	SM 4500F-C		
Nickel	mg/L	200.8		
Fecal Coliform	/100 mL	SM 9222D		Grab Date: <u>4-27</u> Grab Time: <u>11:15</u>
T.D.S.	mg/L	SM 2540C		
Chloride	mg/L	300.0		
Copper	mg/L	200.8		
x Alkalinity		2320 B		
x Bromide		300.0		
x Sulfate		↓		

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: 04/20/11 at 12:20 pm
SAMPLE DATE: 04/19-04/20/11 at 7:30-7:30 am

REPORT DATE: 05/02/11
ASI ID#: 102701

DESCRIPTION OF SAMPLE: Ridgway POTW - Effluent (24 Hr.)

TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD ₅	4	mg/L	2	SM 5210B	BB	04/20/11 @ 3:50 pm
	TSS	41	mg/L	2	SM 2540D	JT	04/20/11 @ 2:00 pm
	Ammonia-N	32.2	mg/L	0.10	SM 4500NH ₃ -B,C	MI	04/21/11 @ 9:00 am
	Fluoride	11.8	mg/L	0.5	SM 4500 F-C	CC	04/26/11 @ 9:15 am
	Nickel	0.0254	mg/L	0.005	200.8	BB	04/28/11 @ 11:22 am
	Fecal Coliform 04/20/11 @ 10:10 am	540	per 100 mL	1	SM 9222D	RD	04/20/11 @ 2:19 pm
	TDS	2,100	mg/L	10	SM 2540C	JT	04/20/11 @ 2:00 pm
	Chloride	1,144	mg/L	3.0	300.0	BB	04/21/11 @ 3:23 pm
	Copper	0.0191	mg/L	0.010	200.8	BB	04/28/11 @ 11:22 am
	Bromide	11.8	mg/L	0.10	300.0	BB	04/21/11 @ 3:23 pm
	Alkalinity	58	mg/L	1	2320B	AC	04/20/11 @ 2:15 pm
	Sulfate	15.4	mg/L	5.0	300.0	BB	04/21/11 @ 3:23 pm

CBOD₅ Started 04/20/11 at 3:50 pm, Ended 04/25/11 at 4:10 pm.

Fecal Coliform Started 04/20/11 at 2:19 pm, Ended 04/21/11 at 2:30 pm.

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

BY:



DATE: 05/02/11

FOR: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

ANALYTICAL SERVICES INC.

P.O. Box 237- Fermantown Road
Brockway, PA 15824

Laboratory (814) 265-8749
Fax (814) 265-8749

LAB I.D. NUMBER

102701

CHAIN OF CUSTODY / Chemical Analysis Worksheet

SAMPLE DATE 4-19 To 4-20 2011 SAMPLING TIME 24 hour 7:30 - 7:30 AM

SAMPLE COLLECTED BY: LARRY MARSHALL

SAMPLE RECEIVED _____ TIME _____ BY _____

SAMPLE RECEIVED _____ TIME _____ BY _____

LABORATORY RECEIPT 4-20-11 TIME 1220 BY CML

SAMPLE MATRIX Wastewater EFF

NUMBER / TYPE OF CONTAINERS 5

PRESERVATIVES (s) ADDED as required

CONDITION OF SAMPLES AS RECEIVED on ice TALLER 6°C PH=7.0

SAMPLE LOCATION / IDENTIFICATION Ridgway POTW - Effluent

REPORTED TO WHOM: LARRY MARSHALL
Dave Amagott Needed By (date) _____

CUSTOMER: Ridgway Borough Phone #: _____

108 Main St FAX #: _____

Ridgway, PA 15853 Purchase Order # _____

PARAMETER	RESULT	METHOD	PERFORMED BY/DATE/TIME	COMMENTS/NOTES
CBOD5	mg/L	SM 5210B		
T.S.S.	mg/L	SM 2540 D		
Ammonia-N	mg/L	SM 4500NH3-B,C		
Fluoride	mg/L	SM 4500F-C		
Nickel	mg/L	200.8		
Fecal Coliform	/ 100 mL	SM 9222D		Grab Date: <u>4-20</u> Grab Time: <u>11:30 AM</u>
T.D.S.	mg/L	SM 2540C		
Chloride	mg/L	300.0		
Copper	mg/L	200.8		
* Bromides		300.0		
* Alkalinity		2320 B		
* SULFATE		300.0		

10110
4-20-11
JC

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: 04/13/11 at 1:30 pm
SAMPLE DATE: 04/12-04/13/11 at 7:30-7:30 am

REPORT DATE: 04/21/11
ASI ID#: 102574

DESCRIPTION OF SAMPLE: Ridgway POTW - Effluent (24 Hr.)

TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD ₅	6	mg/L	2	SM 5210B	BB	04/14/11 @ 8:00 am
	TSS	13	mg/L	2	SM 2540D	JT	04/13/11 @ 2:00 pm
	Ammonia-N	28.6	mg/L	0.10	SM 4500NH ₃ -B,C	MI	04/13/11 @ 3:50 pm
	Fluoride	9.94	mg/L	0.5	SM 4500 F-C	CC	04/18/11 @ 1:45 pm
	Nickel	0.0508	mg/L	0.005	200.8	BB	04/20/11 @ 4:11 pm
	Fecal Coliform 04/13/11 @ 11:30 am	37	per 100 mL	1	SM 9222D	RD	04/13/11 @ 2:57 pm
	TDS	2963	mg/L	10	SM 2540C	JT	04/13/11 @ 2:00 pm
	Chloride	1544	mg/L	3.0	300.0	BB	04/14/11 @ 11:27 am
	Copper	0.0126	mg/L	0.010	200.8	BB	04/20/11 @ 4:11 pm
	Alkalinity	51	mg/L	1	2320B	CH	04/13/11 @ 4:05 pm
	Sulfate	12.0	mg/L	5.0	300.0	BB	04/14/11 @ 11:27 am
	Bromide	15.3	mg/L	0.10	300.0	BB	04/14/11 @ 11:27 am

CBOD₅ Started 04/14/11 at 8:00 am, Ended 04/19/11 at 8:30 am.

Fecal Coliform Started 04/13/11 at 2:57 pm, Ended 04/14/11 at 3:00 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: 04/21/11

FOR: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

ANALYTICAL SERVICES INC.

P.O. Box 237- Fermantown Road
Brockway, PA 15824

Laboratory (814) 265-8749
Fax (814) 265-8749

LAB I.D. NUMBER

102574

CHAIN OF CUSTODY / Chemical Analysis Worksheet

SAMPLE DATE 4-12 to 4-13 2011 SAMPLING TIME 24 hour 7:30-7:30

SAMPLE COLLECTED BY: JOSH QUATRONI

SAMPLE RECEIVED _____ TIME _____ BY _____

SAMPLE RECEIVED _____ TIME _____ BY _____

LABORATORY RECEIPT 4-13-11 TIME 1330 BY lml

SAMPLE MATRIX Wastewater EFFLUENT

NUMBER / TYPE OF CONTAINERS 5

PRESERVATIVES (s) ADDED as required

CONDITION OF SAMPLES AS RECEIVED in ice TBK 46°C pH 6.0

SAMPLE LOCATION / IDENTIFICATION Ridgway POTW - Effluent

REPORTED TO WHOM: LARRY MARSHALL Needed By (date) _____

CUSTOMER: Ridgway Borough Phone #: _____

108 Main St FAX #: _____

Ridgway, PA 15853 Purchase Order # _____

PARAMETER	RESULT	METHOD	PERFORMED BY/DATE/TIME	COMMENTS/NOTES
CBOD5	mg/L	SM 5210B		
T.S.S.	mg/L	SM 2540 D		
Ammonia-N	mg/L	SM 4500NH3-B,C		
Fluoride	mg/L	SM 4500F-C		
Nickel	mg/L	200.8		
Fecal Coliform	/100 mL	SM 9222D		Grab Date: <u>4-13-11</u> Grab Time: <u>11:30</u>
T.D.S.	mg/L	SM 2540C		
Chloride	mg/L	300.0		
Copper	mg/L	200.8		
* ALKALINITY		2320 B		
* SULFATE		300.0		
* BROMIDE		↓		

Analytical Services, Inc.

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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: 04/06/11 at 2:30 pm
SAMPLE DATE: 04/05-04/06/11 at 8:30-8:30 am

REPORT DATE: 04/19/11
ASI ID#: 102407

DESCRIPTION OF SAMPLE: Ridgway POTW - Effluent (24 Hr.)

TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD ₅	2	mg/L	2	SM 5210B	BB	04/07/11 @ 1:00 pm
	TSS	46	mg/L	2	SM 2540D	JT	04/06/11 @ 3:00 pm
	Ammonia-N	1.41	mg/L	0.10	SM 4500NH ₃ -B,C	MI	04/08/11 @ 10:30 am
	Fluoride	7.11	mg/L	0.5	SM 4500 F-C	CC	04/11/11 @ 2:40 pm
	Nickel	0.0443	mg/L	0.005	200.8	BB	04/18/11 @ 3:18 pm
	Fecal Coliform 04/06/11 @ 9:00 am	80	per 100 mL	1	SM 9222D	RD	04/06/11 @ 3:19 pm
	TDS	1790	mg/L	10	SM 2540C	JT	04/06/11 @ 3:00 pm
	Chloride	722	mg/L	3.0	300.0	BB	04/06/11 @ 8:24 pm
	Copper	0.0189	mg/L	0.010	200.8	BB	04/18/11 @ 3:18 pm
	Alkalinity	65	mg/L	1	2320B	CH	04/12/11 @ 4:02 pm
	Sulfate	17.5	mg/L	5.0	300.0	BB	04/06/11 @ 8:24 pm
	Bromide	6.19	mg/L	0.10	300.0	BB	04/06/11 @ 8:24 pm

CBOD₅ Started 04/07/11 at 1:00 pm, Ended 04/12/11 at 1:10 pm.
Fecal Coliform Started 04/06/11 at 3:19 pm, Ended 04/07/11 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: 04/19/11

FOR: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

ANALYTICAL SERVICES INC.

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Brockway, PA 15824

Laboratory (814) 265-8749
Fax (814) 265-8749

LAB I.D. NUMBER

102407

CHAIN OF CUSTODY / Chemical Analysis Worksheet

SAMPLE DATE 4-5 to 4-6 2011 SAMPLING TIME 24 hours 8:30-8:30

SAMPLE COLLECTED BY: LARRY MARSHALL

SAMPLE RECEIVED _____ TIME _____ BY _____

SAMPLE RECEIVED _____ TIME _____ BY _____

LABORATORY RECEIPT 04-06-11 TIME 230P BY CH

SAMPLE MATRIX Wastewater EFFLUENT

NUMBER / TYPE OF CONTAINERS _____

PRESERVATIVES (s) ADDED NONE H2SO4 HNO3

CONDITION OF SAMPLES AS RECEIVED proper temp 4°C in 100L, pH 6.2 (HNO3 H2SO4)

SAMPLE LOCATION / IDENTIFICATION Ridgway POTW - Effluent

REPORTED TO WHOM: LARRY MARSHALL Needed By (date) _____

CUSTOMER: Ridgway Borough Phone #: _____
108 Main St FAX #: _____
Ridgway, PA 15853 Purchase Order # _____

PARAMETER	RESULT	METHOD	PERFORMED BY/DATE/TIME	COMMENTS/NOTES
CBOD5	mg/L	SM 5210B		
T.S.S.	mg/L	SM 2540D		
Ammonia-N	mg/L	SM 4500NH3-B,C		
Fluoride	mg/L	SM 4500F-C		
Nickel	mg/L	200.8		
Fecal Coliform	/ 100 mL	SM 9222D		Grab Date: <u>4/6</u> Grab Time: <u>9:AM</u>
T.D.S.	mg/L	SM 2540C		
Chloride	mg/L	300.0		
Copper	mg/L	200.8		
* Alkalinity		SM 2320B		
* Sulfate		EPA 300.0		
* Bromide		EPA 300.0		

Analytical Services, Inc.P.O. Box 237
Brockway, PA 15824-0237Laboratory (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

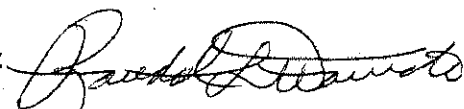
SAMPLE RECEIVED: 03/31/11 at 1:00 pm
SAMPLE DATE: 03/30-03/31/11 at 8:30-8:30 am**REPORT DATE:** 04/06/11
ASI ID#: 102293**DESCRIPTION OF SAMPLE:** Ridgway POTW - Effluent (24 Hr.)**TOTAL ANALYSIS RESULTS:**

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD ₅	2	mg/L	2	SM 5210B	BB	04/01/11 @ 11:00 am
	TSS	14	mg/L	2	SM 2540D	JT	03/31/11 @ 2:00 pm
	Fecal Coliform 03/31/11 @ 8:30 am	2	per 100 mL	1	SM 9222D	RD	03/31/11 @ 1:34 pm
	Ammonia-N	16.7	mg/L	0.10	SM 4500NH ₃ -B,C	MI	04/01/11 @ 2:00 pm
	Alkalinity	100	mg/L	1	2320B	AC	03/31/11 @ 4:45 pm
	Sulfate	23.6	mg/L	5.0	300.0	BB	04/01/11 @ 6:21 pm
	Bromide	15.2	mg/L	0.10	300.0	BB	04/01/11 @ 6:21 pm

CBOD₅ Started 04/01/11 at 11:00 am, Ended 04/06/11 at 11:30 am.
Fecal Coliform Started 03/31/11 at 1:34 pm, Ended 04/01/11 at 1:30 pm.

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

BY:



DATE: 04/06/11

FOR: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

ANALYTICAL SERVICES INC.

**P.O. Box 237- Fermantown Road
Brockway, PA 15824**

Laboratory (814) 265-8749
Fax (814) 265-8749

LAB I.D. NUMBER

102293

CHAIN OF CUSTODY / Chemical Analysis Worksheet

SAMPLE DATE 3/30 TO 3/31 2011 SAMPLING TIME 24 hour 8:30-830 am
 SAMPLE COLLECTED BY: PAUL MCCORDY
 SAMPLE RECEIVED 3/31/11 TIME 11:25 AM BY Paul McCordy
 SAMPLE RECEIVED _____ TIME _____ BY _____
 LABORATORY RECEIPT 3-31-11 TIME 1300 BY Paul

SAMPLE MATRIX Wastewater EFF
NUMBER / TYPE OF CONTAINERS 4P
PRESERVATIVES (s) ADDED as required
CONDITION OF SAMPLES AS RECEIVED on ice TBills <6°C pH-NH₄ < 2

SAMPLE LOCATION / IDENTIFICATION Ridgway POTW - Effluent

REPORTED TO WHOM: LARRY MARSHALL Needed By (date) _____
Don't Answer

CUSTOMER:	Ridgway Borough	Phone #:	
	108 Main St	FAX #:	
	Ridgway, PA 15853	Purchase Order #	

[illegible]

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GENERAL ANALYSIS REPORT

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

Page 1 of 1

SAMPLE RECEIVED: 03/30/11 at 2:15 pm
SAMPLE DATE: 03/29-03/30/11 at 8:30-8:30 am

REPORT DATE: 04/08/11
ASI ID#: 102252

DESCRIPTION OF SAMPLE: Ridgway POTW - Effluent (24 Hr.)

TOTAL ANALYSIS RESULTS:

SAMPLE ID	PARAMETER	RESULT	UNITS	QUANTITATION LIMITS	METHOD	BY	DATE & TIME
Effluent	CBOD ₅	3	mg/L	2	SM 5210B	BB	03/31/11 @ 9:40 am
	TSS	15	mg/L	2	SM 2540D	JT	03/31/11 @ 2:00 pm
	Ammonia-N	16.4	mg/L	0.10	SM 4500NH ₃ -B,C	MI	03/30/11 @ 4:00 pm
	Fluoride	7.54	mg/L	0.5	SM 4500 F-C	CC	04/06/11 @ 9:31 am
	Nickel	0.0185	mg/L	0.005	200.8	BB	04/08/11 @ 9:14 am
	Fecal Coliform 03/30/11 @ 11:30 am	118	per 100 mL	1	SM 9222D	RD	03/30/11 @ 2:36 pm
	TDS	3040	mg/L	10	SM 2540C	JT	03/31/11 @ 2:00 pm
	Chloride	1811	mg/L	3.0	300.0	BB	03/30/11 @ 3:14 pm
	Copper	0.0135	mg/L	0.010	200.8	BB	04/08/11 @ 9:14 am
	Alkalinity	101	mg/L	1	2320B	AC	03/30/11 @ 4:25 pm
	Sulfate	22.1	mg/L	5.0	300.0	BB	04/01/11 @ 6:04 pm
	Bromide	16.4	mg/L	0.10	300.0	BB	04/01/11 @ 6:04 pm

CBOD₅ Started 03/31/11 at 9:40 am, Ended 04/05/11 at 10:05 am.
Fecal Coliform Started 03/30/11 at 2:36 pm, Ended 03/31/11 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: 04/08/11

FOR: William J. Sabatose, Chief Chemical Analyst

PADEP LAB ID#: 33-00411

ANALYTICAL SERVICES INC.

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Brockway, PA 15824

Laboratory (814) 265-8749
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LAB I.D. NUMBER

CHAIN OF CUSTODY / Chemical Analysis Worksheet

102252

SAMPLE DATE 3/29 to 3/30 2011 SAMPLING TIME 24 hr. 8:30 - 8:30 am
SAMPLE COLLECTED BY: Paul McCurdy

SAMPLE RECEIVED _____ TIME _____ BY _____
SAMPLE RECEIVED _____ TIME _____ BY _____
LABORATORY RECEIPT 3-30-11 TIME 1415 BY CML

SAMPLE MATRIX Wastewater EFF.
NUMBER / TYPE OF CONTAINERS 5D
PRESERVATIVES (s) ADDED as required
CONDITION OF SAMPLES AS RECEIVED on ice TANK < 6°C pH: 6.0

SAMPLE LOCATION / IDENTIFICATION Ridgway POTW - Effluent

REPORTED TO WHOM: Larry Marshall
Dave Annagost Needed By (date) _____

CUSTOMER: Ridgway Borough Phone #: _____
108 Main St FAX #: _____
Ridgway, PA 15853 Purchase Order # _____

PARAMETER	RESULT	METHOD	PERFORMED BY/DATE/TIME	COMMENTS/NOTES
CBOD5	mg/L	SM 5210B		
T.S.S.	mg/L	SM 2540D		
Ammonia-N	mg/L	SM 4500NH3-B,C		
Fluoride	mg/L	SM 4500F-C		
Nickel	mg/L	200.8		
Fecal Coliform	/ 100 mL	SM 9222D		Grab Date: <u>3/30/11</u> Grab Time: <u>11:30</u>
T.D.S.	mg/L	SM 2540C		
Chloride	mg/L	300.0		
Copper	mg/L	200.8		
Alkalinity		2320 B		
Sulfate		300.0		
Bromide		↓		