

January 27, 2021

Raymond Bush  
NewComb Central School District  
State Route 28N  
POB 418  
Newcomb, NY 12852

RE: Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Dear Raymond Bush:

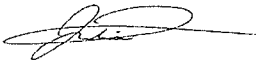
Enclosed are the analytical results for sample(s) received by the laboratory on December 11, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Julie Litvin  
julie.litvin@pacelabs.com  
(631)694-3040  
Project Manager

Enclosures

cc: Pamela Bush, NewComb Central School District



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## CERTIFICATIONS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

---

**Pace Analytical Services Long Island**

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

---

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3

Pace Project No.: 70156368

Sample: KITCHEN TAP #1	Lab ID: 70156368001	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	2.6	ug/L	1.0	1		12/15/20 17:39	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Sample: KITCHEN TAP #2	Lab ID: 70156368002	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	4.1	ug/L	1.0	1		12/15/20 17:44	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Sample: KITCHEN TAP #3		Lab ID: 70156368003	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	<b>31.2</b>	ug/L	1.0	1		12/15/20 17:46	7439-92-1	

*Re sample  
Notify teachers*

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Sample: KITCHEN TAP #4		Lab ID: 70156368004	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	5.2	ug/L	1.0	1		12/15/20 17:47	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Sample: DRF #1		Lab ID: 70156368005	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	4.3	ug/L	1.0	1		12/15/20 17:49	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Sample: DRF #2		Lab ID: 70156368006	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	<1.0	ug/L	1.0	1		12/15/20 17:51	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.



### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Sample: DRF #3</b>		<b>Lab ID: 70156368007</b>	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water			
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.3	ug/L	1.0	1		12/15/20 17:52	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Sample: DRF #4</b>								
<b>Lab ID: 70156368008</b>								
Collected: 12/04/20 05:00 Received: 12/11/20 10:15 Matrix: Drinking Water								
<b>200.8 MET ICPMS Drinking Water</b>								
Analytical Method: EPA 200.8 Pace Analytical Services - Melville								
Lead	3.0	ug/L	1.0	1		12/15/20 17:54	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Sample: DRF #5		Lab ID: 70156368009	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	<1.0	ug/L	1.0	1		12/15/20 17:55	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Sample: H.E. #1		Lab ID: 70156368010	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	7.4	ug/L	1.0	1		12/15/20 18:03	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Sample: H.E. #2	Lab ID: 70156368011	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	5.3	ug/L	1.0	1		12/15/20 18:05	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

Sample: H.E. #3		Lab ID: 70156368012	Collected: 12/04/20 05:00	Received: 12/11/20 10:15	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	5.0	ug/L	1.0	1		12/15/20 18:07	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### QUALITY CONTROL DATA

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

QC Batch: 189637 Analysis Method: EPA 200.8  
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water  
Laboratory: Pace Analytical Services - Melville  
Associated Lab Samples: 70156368001, 70156368002, 70156368003, 70156368004, 70156368005, 70156368006, 70156368007, 70156368008, 70156368009, 70156368010, 70156368011, 70156368012

METHOD BLANK: 930857 Matrix: Water  
Associated Lab Samples: 70156368001, 70156368002, 70156368003, 70156368004, 70156368005, 70156368006, 70156368007, 70156368008, 70156368009, 70156368010, 70156368011, 70156368012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	12/15/20 17:30	

LABORATORY CONTROL SAMPLE: 930858

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.5	99	85-115	

MATRIX SPIKE SAMPLE: 930860

Parameter	Units	70156366004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	16.2	4	20.3	102	70-130	

MATRIX SPIKE SAMPLE: 930862

Parameter	Units	70156368009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.3	108	70-130	

SAMPLE DUPLICATE: 930859

Parameter	Units	70156366004 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	16.2	16.1	1	

SAMPLE DUPLICATE: 930861

Parameter	Units	70156368009 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## QUALIFIERS

Project: NCS 2020 LEAD SAMPLES 12/3  
Pace Project No.: 70156368

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.



### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NCS 2020 LEAD SAMPLES 12/3

Pace Project No.: 70156368

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70156368001	KITCHEN TAP #1	EPA 200.8	189637		
70156368002	KITCHEN TAP #2	EPA 200.8	189637		
70156368003	KITCHEN TAP #3	EPA 200.8	189637		
70156368004	KITCHEN TAP #4	EPA 200.8	189637		
70156368005	DRF #1	EPA 200.8	189637		
70156368006	DRF #2	EPA 200.8	189637		
70156368007	DRF #3	EPA 200.8	189637		
70156368008	DRF #4	EPA 200.8	189637		
70156368009	DRF #5	EPA 200.8	189637		
70156368010	H.E. #1	EPA 200.8	189637		
70156368011	H.E. #2	EPA 200.8	189637		
70156368012	H.E. #3	EPA 200.8	189637		

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

W0#: 70156368

156368

70156368

Workorder Number or  
JSE ONLY  
anager: 8703

Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Profile/Line:  
Lab Sample Receipt Checklist:  
Custody Seals Present/Intact Y N  
Custody Signatures Present Y N NA  
Collector Signatures Present Y N NA  
Bottles Intact Y N NA  
Correct Bottles Y N NA  
Sufficient Volume Y N NA  
Samples Received on Ice Y N NA  
VOA - Headspace Acceptable Y N NA  
USDA Regulated Soils Y N NA  
Samples in Holding Time Y N NA  
Residual Chlorine Present Y N NA  
Cl Strips: Y N NA  
Sample pH Acceptable Y N NA  
pH Strips: Y N NA  
Sulfide Present Y N NA  
Lead Acetate Strips: Y N NA

LAB USE ONLY:  
Lab Sample # / Comments:

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: Pace Analytical

Newcomb Central School  
Address: 5335 State Rt 28 N Newcomb, N.Y.  
Report To: Ray Bush  
Copy To: ray.bush@newcomb.csd.org  
Customer Project Name/Number: NCS 2020 Lead Samples  
Phone: 518-582-5341  
Email: ray.bush@newcomb.csd.org

Billing Information: Newcomb Central School  
PO Box 418  
Newcomb NY 12852

Email To: P.bush@newcomb.csd.org

Site Collection Info/Address: 5335 State Rt 28 N  
State: NY County/City: Newcomb

Time Zone Collected: | PT | MT | CT | ET

Compliance Monitoring?  
[ ] Yes [ ] No

DW PWS ID #: DW Location Code: DW Location Code: Immediately Packed on Ice: [ ] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No  
Analysis: Lead

Sample Disposal:  
[ ] Dispose as appropriate [ ] Return  
[ ] Archive: [ ] Hold:

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End	Res Cl	# of Crns
			Date	Time			
Kitchen Tap #1	DW	Grab	12-3	8pm	12-4	Sum	1
Kitchen Tap #2	DW	vs	12-3	8pm	12-4	Sum	1
Kitchen Tap #3	DW	vs	12-3	8pm	12-4	Sum	1
Kitchen Tap #4	DW	vs	12-3	8pm	12-4	Sum	1
DRF #1	DW	vs	12-3	8pm	12-4	Sum	1
DRF #2	DW	vs	12-3	8pm	12-4	Sum	1
DRF #3	DW	vs	12-3	8pm	12-4	Sum	1
DRF #4	DW	vs	12-3	8pm	12-4	Sum	1
DRF #5	DW	vs	12-3	8pm	12-4	Sum	1
H.E. #1	DW	vs	12-3	8pm	12-4	Sum	1

Customer Remarks / Special Conditions / Possible Hazards:  
12-3-20 Flashed lines Turned off 8pm  
12-4-20 Took Samples for lead Sam 1st phase

Type of Ice Used: Wet Blue Dry Non  
Packing Material Used: None

Radchem sample(s) screened (<500 cpm): Y N NA

Lab Sample Temperature Info:  
Temp Blank Received: Y N NA  
Therm ID#: 16104  
Cooler 1 Temp Upon Receipt: 30.0C  
Cooler 1 Therm Corr. Factor: 0.0C  
Cooler 1 Corrected Temp: 4.8C  
Comments:

Lab Sample # / Comments:

Lab USE ONLY:  
Lab Sample # / Comments:

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Tracking # 4095 99012422273  
Samples received via: FEDEX UPS Client Courier Pace Courier  
Date/Time: 12/10/20 15:00  
Date/Time: 12/11/20 10:15  
Date/Time: 12/11/20 10:15

Requisitioned by/Company: (Signature) Date/Time: 12/10/20 15:00  
Relinquished by/Company: (Signature) Date/Time: 12/10/20 16:00  
Requisitioned by/Company: (Signature) Date/Time: 12/10/20 16:00  
Relinquished by/Company: (Signature) Date/Time: 12/10/20 16:00

Table #: MTJL LAB USE ONLY  
Accnum:  
Template:  
Prelogin:  
PM:  
PR:

Trip Blank Received: Y N NA  
HCL MeOH TSP Other  
Non Conformance(s): YES / NO  
Page: 1 of 1

CHAIN-OF-CUSTODY Analytical Request Document

Company: **Newcomb Central School**  
 Address: **5535 State Rt 28N Newcomb NY 12852**  
 Report To: **Ray Bush**  
 Copy To: **raybush@newcombcsd.org**

Billing Information: **Newcomb Central School**  
**P.O. Box 416**  
**Newcomb NY 12852**

Customer Project Name/Number: **NCS 2020 Lead Sample**  
 Site/Facility ID #: \_\_\_\_\_  
 Phone: **(518) 582-3341**  
 Email: **Ray Bush**  
 Collect By (print): **Ray Bush**  
 Collect By (signature): *[Signature]*

Site Collection Info/Address: **5535 State Rt 28N Newcomb**  
 County/City: **NY Newcomb**  
 State: **NY**  
 Time Zone Collected: **[ ] PT [ ] MT [ ] CT [ ] ET**

Time Zone Collected: **[ ] PT [ ] MT [ ] CT [ ] ET**  
 Compliance Monitoring? **[ ] Yes [ ] No**  
 DW PWS ID #: \_\_\_\_\_  
 DW Location Code: \_\_\_\_\_  
 Immediately Packed on Ice: **[ ] Yes [ ] No**  
 Field Filtered (if applicable): **[ ] Yes [ ] No**  
 Analysis: **Lead**

Turnaround Date Required: \_\_\_\_\_  
 Rush: **[ ] Same Day [ ] Next Day**  
**[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day**  
 (Expedite Charges Apply)

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp/Grab	Collected (or Composite Start)		Res CI
			Date	Time	
H.E. #2	DW	11	12-3	8am	1
H.E. #3	DW	11	12-3	8am	1

Customer Remarks / Special Conditions / Possible Hazards:  
**12-3-20 Flushed lines Turned off 8pm**  
**12-4-20 Took lead Samples Sun**  
**1st Drive**

Received by/Company: (Signature) *[Signature]*  
 Date/Time: **12/10/20 1500**

Received by/Company: (Signature) *[Signature]*  
 Date/Time: **12/10/20 1600**

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or  
**WO#: 70156368**  
 PH: **JL1** Due Date: **12/28/20** Y  
 CLIENT: **NWCCSD**

Lab Sample Receipt Checklist:  
 Custody Seals Present/Intact Y N NA  
 Custody Signatures Present Y N NA  
 Collector Signatures Present Y N NA  
 Bottles Intact Y N NA  
 Correct Bottles Y N NA  
 Sufficient Volume Y N NA  
 Samples Received on Ice Y N NA  
 VOA - Headspace Acceptable Y N NA  
 USDA Regulated Soils Y N NA  
 Samples in Holding Time Y N NA  
 Residual Chlorine Present Y N NA  
 Cl Strips: \_\_\_\_\_  
 Sample pH Acceptable Y N NA  
 pH Strips: **Sulfide Present** Y N NA  
 Lead Acetate Strips: \_\_\_\_\_

LAB USE ONLY:  
 Lab Sample # / Comments:

Lab Sample Temperature Info:  
 Temp Blank Received: Y N NA  
 Therm ID#: \_\_\_\_\_  
 Cooler 1 Temp Upon Receipt: \_\_\_\_\_ °C  
 Cooler 1 Therm Corr. Factor: \_\_\_\_\_ °C  
 Cooler 1 Corrected Temp: \_\_\_\_\_ °C  
 Comments: