

Monday, July 08, 2019

Tim Grossi
Contoocook Valley School District
106 Hancock Road
Peterborough NH 03458

Project Name: Francestown Elementary School

Lab ID: 19060196

Project #: N/A

Date Received: 6/20/2019

Project Location: SCH-22245

Control #: 19060196

Dear Tim Grossi

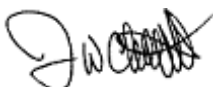
Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Any abnormalities to the samples upon receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are as stringent or more stringent than those established under NELAC, 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has a written QA/QC Procedures Manual that outlines these standards, and is available for your reference, upon request. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by NELAC. All units are based on "as received" weight unless denoted "dry".

Residual chlorine, sulfite and pH are intended to be performed as an immediate field analysis. Should any of these analyses be performed in the lab instead of in the field it will result in those analyses being performed out of holding time.

Acrolein and 2-chloroethylvinyl ether require an additional analysis with an un-preserved sample. If unpreserved vials were not submitted for these additional analysis then acrolein and 2-CEVE are reported as estimated due to not meeting method requirements for EPA 624.1 or EPA 524.2.

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined within NELAC. ChemServe's certified parameter list can be found at <http://www.chemservelab.com/Laboratory-Information-and-Documentation.aspx>



Jay Chrystal - President/Laboratory Director



Contoocook Valley School District

Tim Grossi

106 Hancock Road

Peterborough NH 03458

Control #: 19060196

Project Number: N/A

Project Name: Francestown Elementary School

Project Location: SCH-22245

Lab ID: 19060196

Date: 7/8/2019

Lab ID: 19060196

Sample Receiving and Comment Summary

Were samples submitted with a chain of custody?	Yes
Do all samples received match the chain of custody?	Yes
Were all samples received within applicable holding times?	Yes
Were all containers intact when received?	Yes
Were samples for volatile organic analysis free of headspace (per method)?	N/A
Was there evidence of cooling if not submitted the same day as sampling?	Yes
If the sample pH was not correct was it adjusted where applicable?	Yes
Were samples for dissolved metals already filtered by the client or field sampling?	N/A
Were Samples for O-phos filtered in the field?	N/A
Were samples received in the appropriate containers?	Yes
Where applicable; were chemical and micro samples received at correct temps.	N/A

Sample	Method	Client Identity	Matrix	Analyst
19060196-001	EPA 200.5 Rev 4.2	Rm 139 Sink	Drinking Water	CharleneF

Comment: no comment

* Blank comment sections denote "No Comment"



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Contocook Valley School District
 Tim Grossi
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Control #: 19060196
 Project Number: N/A
 Project Name: Francestown Elementary School
 Project Location: SCH-22245

Analytical Results
Lab ID: 19060196
Date: 7/8/2019

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-001	EPA 200.5 Rev 4.2	Rm 139 Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:28:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-002	EPA 200.5 Rev 4.2	Rm 132 Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:19:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-003	EPA 200.5 Rev 4.2	Rm 132 BR Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:19:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-004	EPA 200.5 Rev 4.2	Rm 131 BR Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:22:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN



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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-005	EPA 200.5 Rev 4.2	Rm 131 Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:22:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-006	EPA 200.5 Rev 4.2	Rm 127 Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:26:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-007	EPA 200.5 Rev 4.2	Rm 126 Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:26:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	0.019 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-008	EPA 200.5 Rev 4.2	Guidance Hall WF		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:24:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-009	EPA 200.5 Rev 4.2	Guidance Hall Staff BR		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:24:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN



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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-010	EPA 200.5 Rev 4.2	Nurses BR		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:32:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	0.005 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-011	EPA 200.5 Rev 4.2	Kitchen Wash Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:36:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-012	EPA 200.5 Rev 4.2	Kitchen 3 Bay Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:37:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	0.004 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-014	EPA 200.5 Rev 4.2	Art Closet Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:34:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	0.007 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-015	EPA 200.5 Rev 4.2	Teachers Rm Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:31:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN



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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-016	EPA 200.5 Rev 4.2	Boys BR Lft Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:33:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-017	EPA 200.5 Rev 4.2	Boys BR Rght Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:33:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-018	EPA 200.5 Rev 4.2	Girls BR Rght Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:32:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-019	EPA 200.5 Rev 4.2	Girls BR Lft Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:31:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-020	EPA 200.5 Rev 4.2	Rm 112 Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:30:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	0.006 mg/L		6/28/2019	0.003	BenN



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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-021	EPA 200.5 Rev 4.2	Rm 111 Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:26:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-022	EPA 200.5 Rev 4.2	Rm 110 Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:22:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-023	EPA 200.5 Rev 4.2	Rm 109 Sink		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:20:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-024	EPA 200.5 Rev 4.2	Staff BR Sink Lib Hall		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:24:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
19060196-025	EPA 200.5 Rev 4.2	WF in Lib Hall		Drinking Water	CharleneF

Start Date/Time Sampled: 6/20/2019 10:24:00 AM Composite End Date/Time:

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	RDL	Analyst
Hot Plate Digestion				6/25/2019	0	harleneF
Lead	7439-92-1	< 0.003 mg/L		6/28/2019	0.003	BenN

Qualifier: Description:

B-	Method blank contaminated with target analyte.
B1-	BOD had total oxygen loss. Result reported as ">" the highest dilution.
B2-	BOD had no oxygen loss. Result reported as "<" the lowest dilution.
G-	Reporting limit elevated due to matrix interference.
H-	Method prescribed holding time exceeded.
J-	Indicates an estimated value. Value is less than the quantitation limit.
IL-	Internal Standard(s) recovery was low due to matrix. Result may be biased high.
IH-	Internal Standard(s) recovery was high due to matrix. Result may be biased low.
LH-	Laboratory control spike(s) was high. Results may be biased high.
LL-	Laboratory control spike(s) was low. Results may be biased low.
MH-	Matrix spike recovery high due to matrix. Results may be biased high.
ML-	Matrix spike recovery low due to matrix. Results may be biased low.
N-	Non-target compound. Reported as a TIC.
NC-	Spike recovery was not calculated due to the concentration of the analyte being >4 times the concentration of the spike added.
R-	RPD outside acceptable recovery limits.
RO-	Sample received out of holding time.
SH-	Surrogate recovery high due to matrix
SL-	Surrogate recovery low due to matrix
U-	BOD/CBOD blank had an oxygen depletion greater than the suggested amount of 0.200.
V-	Sample pH for analysis was not within the required range when checked at time of analysis.
Z-	Too numerous to count (TNTC)

An "A" in the result column on the report indicates absent for presence/absent bacteria and a "P" indicates present for presence/absent bacteria.

Project

19860196
7-4-19

RE

Monitoring Location Identifier	Laboratory Sample Identifier	Sample Purpose	Field Activity Start Date	Field Activity Start Time	Sample Individual ID	Sample Comments	Laboratory Identifier	Method	Test Method Reference	Analysis Method	First Draw	Substance Name	Sampler Comments
Sch-22245	19860196-1	Sample - Routine	6/28/19	10:28	KE	Rm 139 Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	2	Sample - Routine		10:19	KE	Rm 132 Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	3	Sample - Routine		10:15	KE	Rm 132 BR Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	4	Sample - Routine		10:12	KE	Rm 131 BR Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	5	Sample - Routine		10:02	KE	Rm 131 Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	6	Sample - Routine		10:24	KE	Rm 127 Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	7	Sample - Routine		10:26	KE	Rm 128 Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	8	Sample - Routine		10:21	KE	Guidance hall WF	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	9	Sample - Routine		10:24	KE	Guidance hall Staff BR	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	10	Sample - Routine		10:36	KE	Nurses BR	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	11	Sample - Routine		10:36	KE	Kitchen Wash Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	12	Sample - Routine		10:37	KE	Kitchen 3 Bay Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	13	Sample - Routine		10:51	KE	Art Closet Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	14	Sample - Routine		10:31	KE	Texas Rm Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	15	Sample - Routine		10:33	KE	Boys BR Rpt. Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	16	Sample - Routine		10:23	KE	Boys BR Rpt. Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	17	Sample - Routine		10:31	KE	Boys BR Rpt. Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	18	Sample - Routine		10:32	KE	Girls BR Rpt. Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	19	Sample - Routine		10:30	KE	Girls BR Rpt. Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	20	Sample - Routine		10:24	KE	Rm 110 Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	21	Sample - Routine		10:28	KE	Rm 108 Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	22	Sample - Routine		10:20	KE	Rm 108 Sink	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	23	Sample - Routine		10:24	KE	Staff BR Sink in Lab Hall	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	24	Sample - Routine		10:24	KE	WF in Lab Hall	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	
Sch-22245	25	Sample - Routine		10:24	KE	WF in Lab Hall	1008	200.5 or 200.8	USEPA	WATER	Y	LEAD	

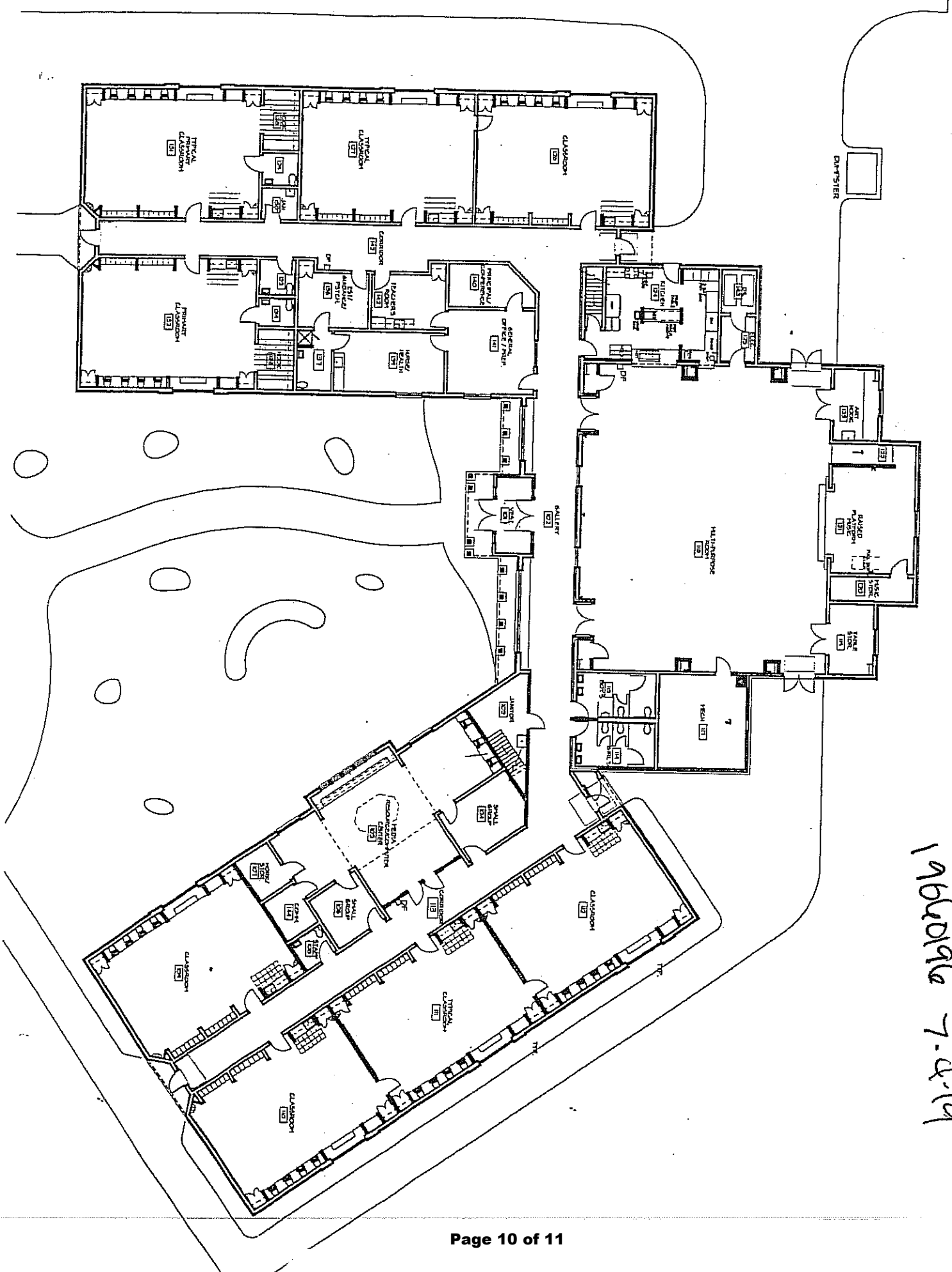
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Date: 6/28/19

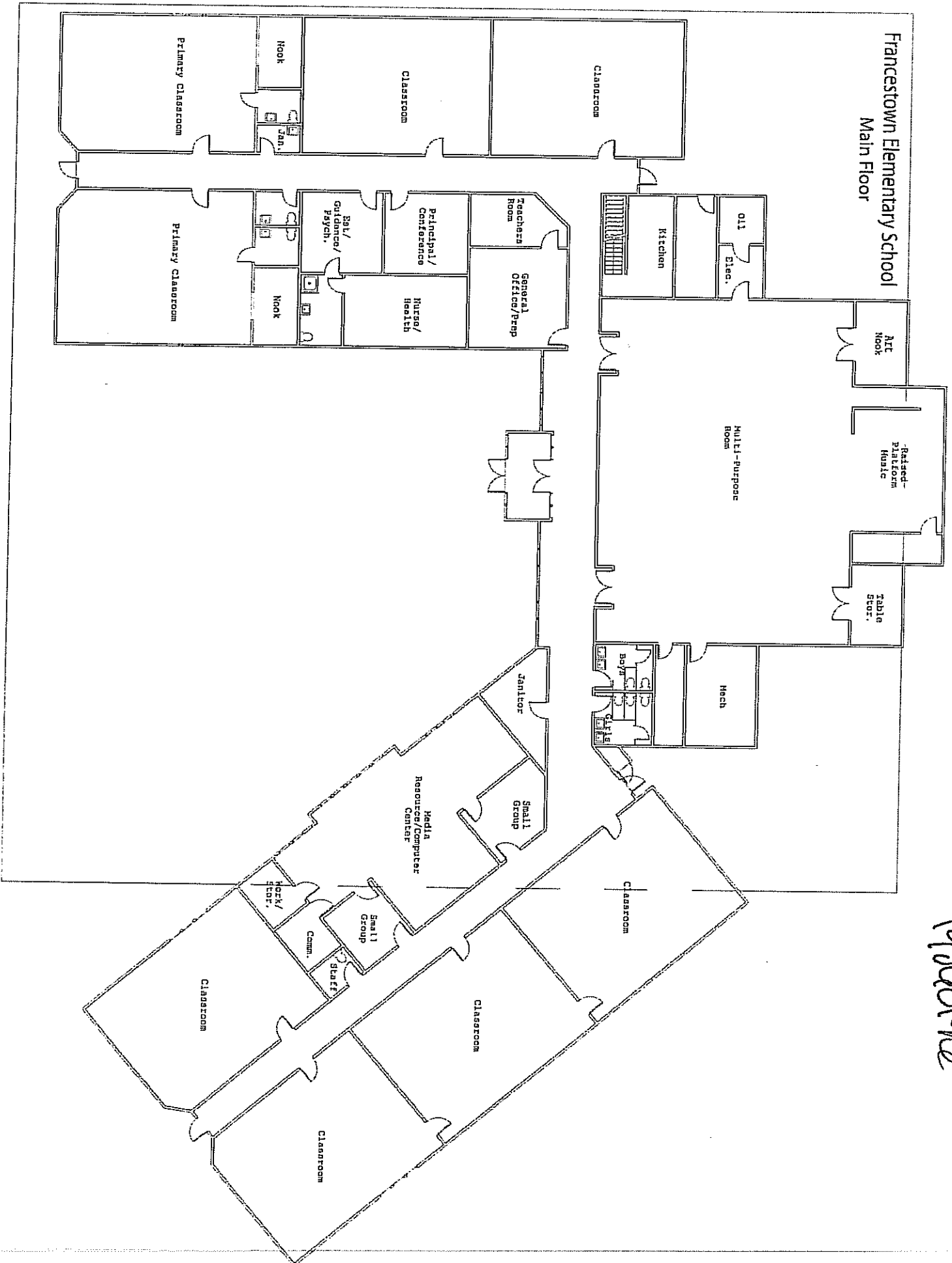
Reviewed by: [Signature]

Date: 6-20-19

USEPA



Francestown Elementary School
Main Floor



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