



Asbestos Inspection Report

Site:

Nogales High School (*Room E-1*)
401 Nogales Street
La Puente, CA 91744

Prepared for:

Rowland USD
1830 Nogales Street
Rowland Heights, CA 91748

Date: August 8, 2022



Cardinal Environmental Consultants Inc.

2681 Dow Avenue Suite C-1
Tustin, California 92780
Phone: (714) 730-5931
Fax: (714) 730-1697

Date: August 8, 2022

Owner/Client: Rowland USD
1830 Nogales Street
Rowland Heights, CA 91748

Site Address: Nogales High School (*Room E-1*)
401 Nogales Street
La Puente, CA 91744

Subject: Limited Asbestos Inspection Report (*Room E-1*)

Cardinal Environmental Consultants conducted a pre-renovation limited asbestos survey of the above-mentioned address. The structure is a room located within Nogales high School. This survey is a limited asbestos survey that only tested suspect materials of renovation areas. All suspect materials in the path of construction were sampled in accordance with local and federal regulations. Sampling methodology, laboratory reports and recommendations can be found on subsequent pages of this report.

Regulatory Compliance

On August 5th, 2022, Cardinal Environmental Consultants Inc conducted a limited asbestos survey of room E-1 at Nogales High School. The survey was completed in compliance with the federal AHERA (Asbestos Hazard Emergency Response Act) 40 CFR Part 763 subpart E. The Act indicates procedures for sampling and reporting of asbestos information. Ronald R McDaniel (CAC 01-2865) conducted this survey.

Adherence to NESHAP (National Emission Standard for Hazardous Air Pollutants) has been achieved with compliance to South Coast Air Quality Management District's Rule 1403. SCAQMD is the local air quality district that regulates and monitors asbestos abatement activity in the region of the project.

Sampling Methodology - Asbestos

Cardinal Environmental Consultants Inc. used several procedures from visual assessments to tactile assessments and a modified random sampling protocol to collect the samples of the suspect asbestos containing material. Cardinal's sampling procedures incorporate the use of plastic Ziploc bags, labeled with black permanent markers per a unique numbering sequence. One label with the suspect samples collected for this report was given a unique sample identification number. A second description was placed on the bulk sample log. Information about the sample, including the sample type and location was noted on the sheet as each sample was collected.

Asbestos: Any building material which contains asbestos in an amount greater than 1% by weight, area.

<1% Asbestos: Federal regulations and SCAQMD (South Coast Air Quality Management District) do not regulate asbestos at this percentage. Notifications to these agencies do not apply. However, OSHA regulations do apply. These are specific to "worker protection" issues. A contractor who is "DOSH certified" is required if removing more than a 100 square feet. Federal and State regulations do not regulate the disposal of this type of construction debris with this level of asbestos. However, your local landfill may have a "zero tolerance" for any asbestos containing debris.

Suspect Asbestos-Containing Materials

Samples of suspect Asbestos-containing materials were from room E-1. We were able to collect representative samples of all specified building materials.

The following materials were tested:

- 1x1 Ceiling Tile
- Plaster
- Troweled Plaster

Results

All samples were packaged and shipped to EmLab P&K LLC (NVLAP 200757-0) 17461 Derian Ave Ste 100, Irvine, CA 92614 (866) 465-6653. The analysis procedure used to determine the presence of asbestos is outlined in the Code of Federal Regulations 40 CFR part 763, Section 1, Appendix A, Polarized Light Microscopy.

The following tables depict the asbestos at the site. The investigator has reviewed the results and construction of the buildings and made adjustments to the locations and the quantities based on “homogeneous areas”. AHERA can require that like areas in type, construction, and use (that test positive for asbestos) be combined with other similar areas. Therefore, some areas may not be specifically tested for asbestos but be included in an area of asbestos. Likewise, an area that has tested negative for asbestos could be included in the asbestos table because of the definition of “homogeneous area”.

>1% Asbestos Containing Material (ACM):

- **No Asbestos Found**

Summary:

No asbestos was found from sampled suspect materials.

Although we aggressively searched for asbestos, the contractor should be made aware of the potential of uncovering asbestos during demolition. A supervisor trained in identifying asbestos should be present at the beginning of demolition activities.

August 8th, 2022

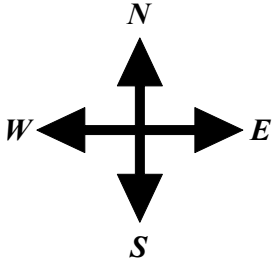
Sincerely yours,
CARDINAL ENVIRONMENTAL CONSULTANTS INC.,
A California Corporation

By: 

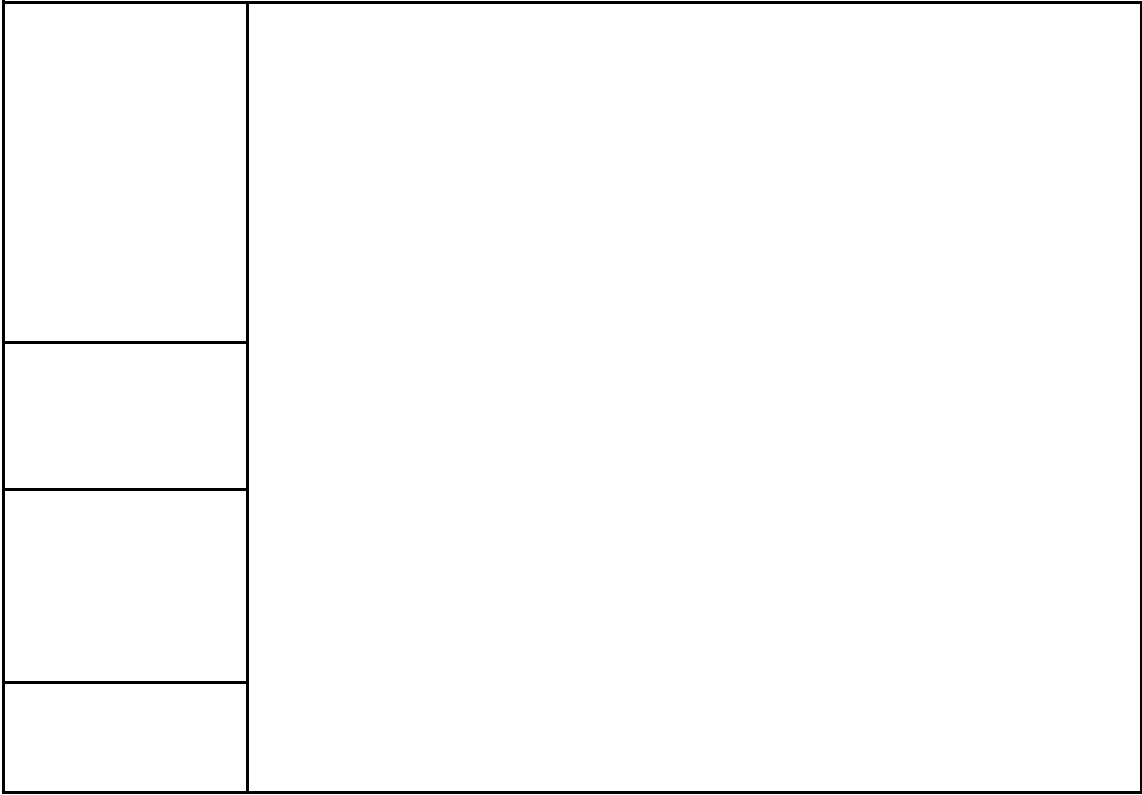
Ronald R. McDaniel

California Certified Asbestos Consultant #01-2865 (Expiration 03-09-22)
CDPH Certified Lead Inspector/Assessor and Project Monitor/Designer #3599

Diagram(s)



Not To Scale



← Room E-1 Nogales HS →

Sample Numbers Are Noted In Red

In some cases samples have been taken from structures built in the same era of construction, and considered homogeneous in other structures.

Sampling Table

Date: 8/8/2022
 Client: Rowland USD
 Location: Nogales High School

Technician: Ronald McDaniel

Analysis: Polarized Light Microscopy
 Type: Code of Federal Regulations
 40 CFR part 763, Section 1,
 Appendix A

Building #	Material	Sample #	Results	Condition	Hazard Rating	F/NF	Sample Location
Nogales HS	Troweled Plaster	NHS-01	ND	Good	N/A	NF	Room E-1
Nogales HS	Troweled Plaster	NHS-02	ND	Good	N/A	NF	Room E-1
Nogales HS	Troweled Plaster	NHS-03	ND	Good	N/A	NF	Room E-1
Nogales HS	1x1 Ceiling Tiles	NHS-04	ND	Good	N/A	NF	Room E-1
Nogales HS	1x1 Ceiling Tiles	NHS-05	ND	Good	N/A	NF	Room E-1

ND- No Asbestos Detected
 NF- Non-Friable
 F- Friable

Asbestos Sampling Data

Date: 8/8/2022
 Client: Rowland USD
 Location: Nogales High School

Technician: Ronald McDaniel

Analysis: Polarized Light Microscopy
 Type: Code of Federal Regulations
 40 CFR part 763, Section 1,
 Appendix A

Building #	Material	Sample #	Results	Condition	Hazard Rating	F/NF	Sample Location
Nogales HS	1x1 Ceiling Tiles	NHS-06	ND	Good	N/A	NF	Room E-1
Nogales HS	Plaster	NHS-07	ND	Good	N/A	NF	Room E-1
Nogales HS	Plaster	NHS-08	ND	Good	N/A	NF	Room E-1
Nogales HS	Plaster	NHS-09	ND	Good	N/A	NF	Room E-1

ND- No Asbestos Detected
 NF- Non-Friable
 F- Friable

Laboratory Results

Report for:

Ron McDaniel
Cardinal Environmental
2681 Dow Avenue Ste. C1
Tustin, CA 92780

Regarding: Project: Nogales High School; 401 S Nogales St
EML ID: 2994468

Approved by:



Approved Signatory
Danny Li

Dates of Analysis:
Asbestos PLM: 08-04-2022

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200757-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Cardinal Environmental
 C/O: Ron McDaniel
 Re: Nogales High School; 401 S Nogales St

Date of Sampling: 08-03-2022
 Date of Receipt: 08-04-2022
 Date of Report: 08-04-2022

ASBESTOS PLM REPORT

Total Samples Submitted:	39
Total Samples Analyzed:	39
Total Samples with Layer Asbestos Content > 1%:	0

Location: NHS-01, Room E-1 - Trowled Plaster

Lab ID-Version‡: 14409600-1

Sample Layers	Asbestos Content
White Plaster	ND
Off-White Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: NHS-02, Room E-1 - Trowled Plaster

Lab ID-Version‡: 14409601-1

Sample Layers	Asbestos Content
White Plaster	ND
Off-White Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: NHS-03, Room E-1 - Trowled Plaster

Lab ID-Version‡: 14409602-1

Sample Layers	Asbestos Content
White Plaster	ND
Off-White Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: NHS-04, Room E-1 - 1x1 Ceiling Tile

Lab ID-Version‡: 14409603-1

Sample Layers	Asbestos Content
Tan Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Glass Fibers 35% Cellulose
Sample Composite Homogeneity:	Moderate

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 Date of Report: 08-04-2022

ASBESTOS PLM REPORT

Location: NHS-05, Room E-1 - 1x1 Ceiling Tile

Lab ID-Version‡: 14409604-1

Sample Layers	Asbestos Content
Tan Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Glass Fibers 35% Cellulose
Sample Composite Homogeneity:	Moderate

Location: NHS-06, Room E-1 - 1x1 Ceiling Tile

Lab ID-Version‡: 14409605-1

Sample Layers	Asbestos Content
Tan Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Glass Fibers 35% Cellulose
Sample Composite Homogeneity:	Moderate

Location: NHS-07, Room E-1 - Plaster

Lab ID-Version‡: 14409606-1

Sample Layers	Asbestos Content
White Plaster	ND
Beige Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: NHS-08, Room E-1 - Plaster

Lab ID-Version‡: 14409607-1

Sample Layers	Asbestos Content
White Plaster	ND
Beige Plaster	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: NHS-09, Room E-1 - Plaster

Lab ID-Version‡: 14409608-1

Sample Layers	Asbestos Content
White Plaster	ND
Beige Plaster	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-10, Boys Locker Room - Cove Base and Glue

Lab ID-Version‡: 14409609-1

Sample Layers	Asbestos Content
Black Baseboard	ND
White Glue	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-11, Boys Locker Room - Cove Base and Glue

Lab ID-Version‡: 14409610-1

Sample Layers	Asbestos Content
Black Baseboard	ND
White Glue	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-12, Boys Locker Room - Cove Base and Glue

Lab ID-Version‡: 14409611-1

Sample Layers	Asbestos Content
Black Baseboard	ND
White Glue	ND
Sample Composite Homogeneity: Moderate	

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Client: Cardinal Environmental
C/O: Ron McDaniel
Re: Nogales High School; 401 S Nogales StDate of Sampling: 08-03-2022
Date of Receipt: 08-04-2022
Date of Report: 08-04-2022**ASBESTOS PLM REPORT****Location: NHS-13, Boys Locker Room - 1x1 Ceiling Tile**

Lab ID-Version‡: 14409612-1

Sample Layers	Asbestos Content
Brown Ceiling Tile	ND
Composite Non-Asbestos Content:	98% Cellulose
Sample Composite Homogeneity:	Moderate

Location: NHS-14, Boys Locker Room - 1x1 Ceiling Tile

Lab ID-Version‡: 14409613-1

Sample Layers	Asbestos Content
Brown Ceiling Tile	ND
Composite Non-Asbestos Content:	98% Cellulose
Sample Composite Homogeneity:	Moderate

Location: NHS-15, Boys Locker Room - 1x1 Ceiling Tile

Lab ID-Version‡: 14409614-1

Sample Layers	Asbestos Content
Brown Ceiling Tile	ND
Composite Non-Asbestos Content:	98% Cellulose
Sample Composite Homogeneity:	Moderate

Location: NHS-16, Boys Locker Room - 2x4 Ceiling Tile

Lab ID-Version‡: 14409615-1

Sample Layers	Asbestos Content
Tan Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Glass Fibers 35% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: NHS-17, Boys Locker Room - 2x4 Ceiling Tile

Lab ID-Version‡: 14409616-1

Sample Layers	Asbestos Content
Tan Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Glass Fibers 35% Cellulose
Sample Composite Homogeneity:	Moderate

Location: NHS-18, Boys Locker Room - 2x4 Ceiling Tile

Lab ID-Version‡: 14409617-1

Sample Layers	Asbestos Content
Tan Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Glass Fibers 35% Cellulose
Sample Composite Homogeneity:	Moderate

Location: NHS-19, Boys Locker Room - Plaster

Lab ID-Version‡: 14409618-1

Sample Layers	Asbestos Content
Gray/White Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: NHS-20, Boys Locker Room - Plaster

Lab ID-Version‡: 14409619-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

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Date of Sampling: 08-03-2022
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ASBESTOS PLM REPORT

Location: NHS-21, Boys Locker Room - Plaster

Lab ID-Version‡: 14409620-1

Sample Layers	Asbestos Content
Gray/White Plaster	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-22, Gym - Glue Under Mats

Lab ID-Version‡: 14409621-1

Sample Layers	Asbestos Content
Yellow Glue	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-23, Gym - Glue Under Mats

Lab ID-Version‡: 14409622-1

Sample Layers	Asbestos Content
Yellow Glue	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-24, Gym - Glue Under Mats

Lab ID-Version‡: 14409623-1

Sample Layers	Asbestos Content
Yellow Glue	ND
Sample Composite Homogeneity: Moderate	

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Date of Sampling: 08-03-2022
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ASBESTOS PLM REPORT

Location: NHS-25, Pool Area - Window Putty

Lab ID-Version‡: 14409624-1

Sample Layers	Asbestos Content
Semi-Transparent Putty	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-26, Pool Area - Window Putty

Lab ID-Version‡: 14409625-1

Sample Layers	Asbestos Content
Semi-Transparent Putty	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-27, Pool Area - Window Putty

Lab ID-Version‡: 14409626-1

Sample Layers	Asbestos Content
Semi-Transparent Putty	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-28, Pool Area - Plaster

Lab ID-Version‡: 14409627-1

Sample Layers	Asbestos Content
Beige Plaster	ND
Brown Plaster	ND
Sample Composite Homogeneity: Poor	

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ASBESTOS PLM REPORT

Location: NHS-29, Pool Area - Plaster

Lab ID-Version‡: 14409628-1

Sample Layers	Asbestos Content
Beige Plaster	ND
Brown Plaster	ND
Sample Composite Homogeneity: Poor	

Location: NHS-30, Pool Area - Plaster

Lab ID-Version‡: 14409629-1

Sample Layers	Asbestos Content
Beige Plaster	ND
Brown Plaster	ND
Sample Composite Homogeneity: Poor	

Location: NHS-31, Girls Locker Room - Plaster

Lab ID-Version‡: 14409630-1

Sample Layers	Asbestos Content
Brown/White Plaster	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-32, Girls Locker Room - Plaster

Lab ID-Version‡: 14409631-1

Sample Layers	Asbestos Content
Brown Plaster	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT

Location: NHS-33, Girls Locker Room - Plaster

Lab ID-Version‡: 14409632-1

Sample Layers	Asbestos Content
Brown Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: NHS-34, Girls Locker Room - 1x1 Ceiling Tile

Lab ID-Version‡: 14409633-1

Sample Layers	Asbestos Content
Brown Ceiling Tile	ND
Composite Non-Asbestos Content:	98% Cellulose
Sample Composite Homogeneity:	Moderate

Location: NHS-35, Girls Locker Room - 1x1 Ceiling Tile

Lab ID-Version‡: 14409634-1

Sample Layers	Asbestos Content
Brown Ceiling Tile	ND
Composite Non-Asbestos Content:	98% Cellulose
Sample Composite Homogeneity:	Moderate

Location: NHS-36, Girls Locker Room - 1x1 Ceiling Tile

Lab ID-Version‡: 14409635-1

Sample Layers	Asbestos Content
Brown Ceiling Tile	ND
Composite Non-Asbestos Content:	98% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: NHS-37, Girls Locker Room - 12x12 Floor Tile

Lab ID-Version‡: 14409636-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-38, Girls Locker Room - 12x12 Floor Tile

Lab ID-Version‡: 14409637-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Sample Composite Homogeneity: Moderate	

Location: NHS-39, Girls Locker Room - 12x12 Floor Tile

Lab ID-Version‡: 14409638-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Sample Composite Homogeneity: Moderate	

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002994468

Lab Report Number:

Chain Of Custody

Cardinal Environmental Consultants Inc.
 2681 Dow Avenue Suite C-1
 Tustin, California 92780
 Phone: (714) 862-7541
 Fax: (714) 730-1697

Project Name:	Nogales High School
Project Address:	401 S Nogales St
Sampling Technician:	Ronald McDaniel
Date:	8/3/2022

Special Instructions: Stop at first positive

Analysis Information

Turn Around Time:					
RUSH (3 Hour)	RUSH (Same Day)	24 Hour	48 Hour	72 Hour	96 Hour

Analysis Required:

PLM	PCM	TEM	1000 Point Count	Lead Wipe	Lead Waste Characterization
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Sampling Information

Sample Number	Sample Type	Location	Material
NHS-01	BULK	Room E-1	Trowled Plaster
NHS-02	BULK	Room E-1	Trowled Plaster
NHS-03	BULK	Room E-1	Trowled Plaster
NHS-04	BULK	Room E-1	1x1 Ceiling Tile
NHS-05	BULK	Room E-1	1x1 Ceiling Tile
NHS-06	BULK	Room E-1	1x1 Ceiling Tile
NHS-07	BULK	Room E-1	Plaster
NHS-08	BULK	Room E-1	Plaster
NHS-09	BULK	Room E-1	Plaster
NHS-10	BULK	Boys Locker Room	Cove Base & Glue
NHS-11	BULK	Boys Locker Room	Cove Base & Glue
NHS-12	BULK	Boys Locker Room	Cove Base & Glue
NHS-13	BULK	Boys Locker Room	1x1 Ceiling Tile
NHS-14	BULK	Boys Locker Room	1x1 Ceiling Tile
NHS-15	BULK	Boys Locker Room	1x1 Ceiling Tile
NHS-16	BULK	Boys Locker Room	2x4 Ceiling Tile
NHS-17	BULK	Boys Locker Room	2x4 Ceiling Tile
NHS-18	BULK	Boys Locker Room	2x4 Ceiling Tile
NHS-19	BULK	Boys Locker Room	Plaster
NHS-20	BULK	Boys Locker Room	Plaster
NHS-21	BULK	Boys Locker Room	Plaster
NHS-22	BULK	Gym	Glue Under Mats
NHS-23	BULK	Gym	Glue Under Mats
NHS-24	BULK	Gym	Glue Under Mats
NHS-25	BULK	Pool Area	Window Putty
NHS-26	BULK	Pool Area	Window Putty
NHS-27	BULK	Pool Area	Window Putty
NHS-28	BULK	Pool Area	Plaster
NHS-29	BULK	Pool Area	Plaster
NHS-30	BULK	Pool Area	Plaster
NHS-31	BULK	Girls Lockerroom	Plaster
NHS-32	BULK	Girls Lockerroom	Plaster
NHS-33	BULK	Girls Lockerroom	Plaster
NHS-34	BULK	Girls Lockerroom	1x1 Ceiling Tile
NHS-35	BULK	Girls Lockerroom	1x1 Ceiling Tile
NHS-36	BULK	Girls Lockerroom	1x1 Ceiling Tile

Relinquished By: Ronald McDaniel
 Received By:

Date Relinquished: 8/4/22
 Date Received: 8/4/22 11am

J. YANG

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