



TETRA TECH

July 24, 2014

Mr. Dennis Walsh
Klein, Thorpe & Jenkins, Ltd.
Suite 1600
20 North Wacker Drive
Chicago, Illinois 60606

SUBJECT: Hazardous Material Survey
Tinley Park Mental Health Center
7400-7600 W. 183rd Street
Tinley Park, Illinois 60477

Dear Mr. Walsh:

Enclosed is one copy of the report for a Hazardous Material Survey prepared for the above-referenced property. Tetra Tech, Inc., prepared this Hazardous Material Survey pursuant to our agreement dated May 2, 2014.

Information accumulated for this survey will be retained with the project file. The survey and information in the project file is considered confidential and will not be released without your authorization.

We appreciate the opportunity to perform these services for Klein, Thorpe & Jenkins. Please contact me if you have questions regarding this information.

Sincerely,
TETRA TECH, INC.

Tom Hahne
Project Manager

Enclosures

Tetra Tech, Inc.

1 S. Wacker Drive, 37th Floor
Chicago, Illinois 60606

Tel 312.201.7700 Fax 312.201.0031 www.tetrattech.com

**HAZARDOUS MATERIALS SURVEY
FORMER TINLEY PARK MENTAL HEALTH FACILITY
TINLEY PARK, ILLINOIS**

Prepared for:

Klein, Thorpe & Jenkins, Ltd.
Suite 1600
20 North Wacker Drive
Chicago, Illinois, 60606

Prepared by:

Tetra Tech Inc.
1 S. Wacker Drive, 37th Floor
Chicago, IL 60606

July 2014



TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
1.0 INTRODUCTION AND SCOPE OF SERVICES	1
2.0 OBJECTIVES AND LIMITATIONS OF THE SURVEY	1
3.0 PROPERTY DESCRIPTION	1
4.0 FIELD WORK.....	2
5.0 HAZARDOUS MATERIALS SURVEY RESULTS.....	3
5.1 DRUMS AND OTHER CONTAINERS	3
5.2 LIGHTS/BALLASTS	9
5.3 HEATING AND COOLING SYSTEMS	11
5.4 COMMON HAZARDOUS MATERIALS.....	13

TABLES

TABLE 1. INVENTORY OF DRUMS, AST, UST, CYLINDERS, AND LIQUIDS	4
TABLE 2. INVENTORY OF LIGHTS AND BALLASTS	10
TABLE 3. INVENTORY OF HEATING AND COOLING SYSTEMS (HVAC/REFRIGERATION) ..	12
TABLE 4. INVENTORY OF COMMON HAZARDOUS MATERIALS.....	14

FIGURE

SITE LAYOUT MAP

1.0 Introduction and Scope of Services

In accordance with our proposal dated May 2, 2014, and the executed agreement, Tetra Tech, Inc. (Tetra Tech) performed a Hazardous Materials Survey of the property at 7400-7600 West 183rd Street, Tinley Park, Illinois 60477.

The goal of this survey is to identify hazardous materials present on the subject property. Hazardous materials are considered any materials that require special handling or disposal and are determined to be either a health hazard or a physical hazard as defined by the Occupational Health and Safety Administration (OSHA).

This survey and report has been prepared on behalf of and for the exclusive use of Klein, Thorpe & Jenkins, Ltd. (KTJ) solely for its use and reliance in the hazardous materials survey of this property. KTJ is the only party to which Tetra Tech has explained the risks involved, and KTJ has been involved in determining the scope of services needed to satisfactorily manage those risks.

Accordingly, reliance on this report by any other party may involve assumptions whose extent and nature may lead to a distorted meaning, and impact of the findings and opinions related herein. Tetra Tech's findings and opinions discussed in this report may not be relied upon by any party except KTJ, and the Village of Tinley Park, without their consent. Tetra Tech may contract with other parties to develop findings and opinions related specifically to unique risk management concerns related to the property.

2.0 Objectives and Limitations of the Survey

Tetra Tech has endeavored to meet what it believes is the applicable standard of care for the services performed and, in doing so, is obliged to advise KTJ of the survey limitations.

This report is not a comprehensive survey of all hazardous materials present on the site. Specifically, Tetra Tech does not and cannot represent that the property contains no hazardous or toxic materials, products, or other latent conditions beyond that observed by Tetra Tech during its hazardous materials survey.

Tetra Tech encountered the following limitations during our performance of this survey;

- Access was not available to rooms without keys.
- Basements in a few buildings were not accessible due to flooding and due to the presence of energized lines in wet or flooded areas.
- Although an effort was made to visit all floors and rooms throughout each building on the subject property, some buildings did not have power and were completely dark. As a result, the rooms were observed with flashlights.

3.0 Property Description

The property is an irregular-shaped parcel totaling approximately 276 acres located at 7400-7600 West 183rd Street, in the Village of Tinley Park, Cook County, Illinois (see Figure 1). The property contains approximately 45 structures that were historically used as a mental health center. The property also contains asphalt-paved parking lots, roadways, concrete sidewalks, and landscaped areas. The property has been vacant since July 2012.

Most buildings are constructed with concrete slab-on-grade foundations and flat roofs. The Power Plant building, the pump building, and several office buildings have basements. A 1.5-mile subterranean steam tunnel system (used for the power supply) is located throughout the subject property. In general, the exterior walls of the buildings consist of brick, wood, or stucco. The interior build-outs of the buildings consist of drywall/plaster and cinder block walls; drywall/plaster and ceiling tile ceilings; concrete, tile, and carpeted floors; and fluorescent and incandescent lighting, with limited compact fluorescent lighting present in a few of the buildings.

Utilities for the subject property are provided as follows:

- ComEd supplies electrical service via aboveground lines. The on-site Power Plant provides steam. Electrical service is currently available to some buildings. Other buildings have no electrical service.
- AT&T provides telephone service via aboveground lines.
- NiCor Gas provides the natural gas service via underground lines.

The Village of Tinley Park provides sanitary and potable water services. The current source of potable water is Lake Michigan. The historic source of water was the site water treatment plant, which obtained water from three on-site wells. The potable wells were located on the northern portion of the subject property. The wells were taken out of service in 2009 and abandoned in 2012. Septic fields are located near the six residential structures known as the “Cottages,” which are located on the northeastern portion of the subject property.

The adjoining land use to the north, east, south, and west is developed with commercial and residential properties. The parcel is bound by railroad tracks to the north, Harlem Avenue to the east, 183rd Street to the south, and commercial and residential properties to the west. The property is located within the Village of Tinley Park. For purposes of this Phase I ESA, the term “adjoining property” (as defined by the ASTM standard) means any real property or properties the border of which is contiguous or partially contiguous with that of the property but for a street, road or other public thoroughfare separating them.

4.0 Field Work

The hazardous materials inspection for the subject property was performed on the property by Tetra Tech personnel, accompanied by Mr. Sergio Cappello, the chief engineer for Central Management Services (CMS).

The hazardous materials inspection included interior and exterior observations of the property. Properties adjacent to the site were also observed externally. The observations in this inspection were limited to accessible areas only.

Tetra Tech inspected all accessible areas of structures on the property unless portions of a structure were identical, as in the Howe Development Center. For this structure, Tetra Tech inspected two of the 50 residential units. Similarly, the layout of each of the residential structures known as the Cottages is identical. Tetra Tech inspected one of the Cottages.

5.0 Hazardous Materials Survey Results

During the hazardous material survey, Tetra Tech identified the materials presented in the tables below. Quantities are listed as approximate based on dark or inaccessible site conditions during the inspection and the large size of the site. However, during the inspection every effort was made to obtain accurate quantities and the numbers presented below are considered reasonably accurate.

5.1 Drums and Other Containers

Tetra Tech observed various types of oils, chemicals, paints and cleaning chemicals stored throughout many of the buildings, with missing labels in some cases. The storage containers were found in various conditions. Tetra Tech noted marked and unmarked drums throughout the property that were empty to full.

Two outside drum accumulation areas were observed north of the Power Plant and within the fenced area around the prison building (Cedar Hall). The drums were stored directly on the soil surface and labels indicated they contained hazardous materials including oils, treatment chemicals, cleaners, lubricants, and other chemicals used in facility maintenance. Tetra Tech did not verify the contents of the abandoned drums.

During the site inspection Tetra Tech observed three underground storage tanks (UST) on site. Two of the USTs are located near the maintenance and mechanical building. The third UST is located near the power plant building. In addition to the USTs, four aboveground storage tanks (AST) are associated with diesel backup generators found on the site. The ASTs are located outside of Pine Hall, Maple Hall, Willow Hall, and in the basement of Spruce Hall.

Table 1 below presents an inventory of the drums, other containers, USTs, and ASTs observed on the property.

TABLE 1. INVENTORY OF DRUMS, AST, UST, CYLINDERS, AND LIQUIDS

Compound/ Item	Unit	Oak Hall	Spruce Hall Medical Center	Maple Hall	Administration Center	Sycamore Hall	Willow Hall	Cedar Hall	Mimosa	Howe Development Center	Power Plant	Maintenance	Engineering and Storage	Water Treatment Plant
Used Empty Drum	55-gal drum	0	0	0	0	0		0	0	0	12	0	0	2
Used Empty Drum	20-gal drum	0	0	0	0	0		2	0	0	0	0	0	2
Used Unmarked Empty Container	5-gal	0	0	0	0	0		0	0	0	5	0	0	0
Used Empty Drum	34-gal drum	0	0	0	0	0		0	0	0	0	0	0	0
Unmarked Drum with Unknown Contents	20-gal drum	0	0	1	1	0		0	0	0	16	1	0	0
Unmarked Drum with Unknown Contents	34-gal drum	0	0	7	0	0		25	0	0	10	2	0	0
Unmarked Drum with Unknown Contents	55-gal drum	0	4	1	0	0		6	0	0	46	8	0	0
Forane 22 Refrigerant	13.4-kg	0	0	0	0	0		3	1	0	2	0	0	0
R404A Refrigerant	13.4-kg	1	0	0	0	0		0	0	0	0	0	0	0
Suva/Forane 507 Refrigerant	13.4-kg	0	0	0	0	0		1	0	0	5	0	0	0
Helium Tank	13.4-kg	0	0	0	0	0		0	0	0	3	0	0	0
Genetron 22	13.4-kg	0	0	0	0	0		0	0	0	1	0	0	0
Genetron MP-39	13.6-kg	0	0	0	0	0		0	0	0	0	1	0	0
Liquefied Petroleum Gas Tank	17.2-lbs	0	0	0	0	0		1	0	0	0	0	0	0

TABLE 1. INVENTORY OF DRUMS, AST, UST, CYLINDERS, AND LIQUIDS

Compound/ Item	Unit	Oak Hall	Spruce Hall Medical Center	Maple Hall	Administration Center	Sycamore Hall	Willow Hall	Cedar Hall	Mimosa	Howe Development Center	Power Plant	Maintenance	Engineering and Storage	Water Treatment Plant
Cyclohexamine	55-gal drum	0	0	0	0	0		0	0	0	1	0	0	0
Cyclohexamine	34-gal drum	0	0	0	0	0		0	0	0	2	0	0	0
Cyclohexamine (Pure)	55-gal drum	0	0	0	0	0		0	0	0	1	0	0	0
Fram Oil Filter	Each	0	0	0	0	0		0	0	0	8	0	0	0
Liquid Glass Cleaner	1-gal	0	0	0	1	0		0	1	0	2	2	0	0
Liquid Glass Cleaner	1-qt	0	0	0	0	0		0	0	0	0	0	0	3
Bowl Shine	1-qt	0	0	0	0	0		0	0	0	8	1	0	0
Floor Finish	1-gal	0	0	0	0	0		0	0	0	3	0	0	0
Tru Klenz	14-oz	0	0	0	3	0		0	0	0	5	1	0	0
Potassium	500-ml	0	0	0	0	0		0	0	0	1	0	0	0
Sulfuric Acid	500-ml	0	0	0	0	0		0	0	0	1	0	0	0
Liquid Caustic Soda 25%	55-gal drum	0	0	0	0	0		0	0	0	1	0	0	0
3 Amine Blend 10-5-10	55-gal drum	0	0	0	0	0		0	0	0	1	0	0	0
Uninhibited Propylene Glycol	50-gal drum	0	0	0	0	0		0	0	0	0	0	0	0
Uninhibited Propylene Glycol	5-gal	0	0	1	0	0		0	0	0	0	0	0	0
Acrylate Copolymer	5-gal	0	0	0	0	0		0	0	0	1	0	0	0
Sodium Sulfite	55-gal drum	0	0	0	0	0		0	0	0	1	0	0	0
Sodium Sulfite	30-gal	0	0	0	0	0		0	0	0	1	0	0	0

TABLE 1. INVENTORY OF DRUMS, AST, UST, CYLINDERS, AND LIQUIDS

Compound/ Item	Unit	Oak Hall	Spruce Hall Medical Center	Maple Hall	Administration Center	Sycamore Hall	Willow Hall	Cedar Hall	Mimosa	Howe Development Center	Power Plant	Maintenance	Engineering and Storage	Water Treatment Plant
Tripoly Phosphate	55-gal drum	0	0	0	0	0		0	0	0	1	0	0	0
H-212 Microbiocide	38-lb	0	0	0	0	0		0	0	0	2	0	0	0
Lithium Chromate	1-gal							0	0	0	2			0
Sodium M Dihydrate	55-gal drum	0	0	0	0	0		0	0	0	2	0	0	0
Acumer 3100	55-gal drum	0	0	0	0	0		0	0	0	2	0	0	0
No Pak Tite Compound (Lubricant)	3-gal	0	0	0	0	0		0	0	0	2	0	0	0
Hexodyne (Flow Charge)	2-lb	0	0	0	0	0		0	0	0	1	0	0	0
Orange Hydraulic Oil No. 150	55-gal drum	2	0	0	0	0		0	0	0	0	0	0	0
Flooring Adhesive	1-gal	0	0	0	0	0		0	0	0	0	0	0	1
Polyamide Epoxy	5-gal	0	0	0	0	0		0	0	0	0	0	0	15
Hardness Titrating Solution	1-gal	0	0	0	0	0		0	0	0	0	0	0	1
Lacquer/Paint Thinner	1-qt	0	0	0	0	0		0	0	0	0	0	0	3
Thermoplex Bearing Grease	14-oz	0	0	0	0	0		0	0	0	0	0	0	2
Detergent	1-gal	0	0	2	0	0		0	0	0	0	1	0	2
Detergent Disinfectant	1-qt	0	0	0	0	0		0	2	0	0	1	0	0
DZ-7 Disinfectant	1-gal	0	0	0	3	0		0	2	0	0	2	0	0
Sanitizer	1-qt	0	0	0	0	0		0	0	0	0	1	0	0
General Purpose Cleaner	1-gal	0	0	0	1	0		0	0	0	0	0	0	0

TABLE 1. INVENTORY OF DRUMS, AST, UST, CYLINDERS, AND LIQUIDS

Compound/ Item	Unit	Oak Hall	Spruce Hall Medical Center	Maple Hall	Administration Center	Sycamore Hall	Willow Hall	Cedar Hall	Mimosa	Howe Development Center	Power Plant	Maintenance	Engineering and Storage	Water Treatment Plant
Lemon Glow	17-oz	0	0	0	2	0		0	0	0	0	1	0	0
Dustmore	16-oz	0	0	0	0	0		0	10	0	0	0	0	0
Five Barrier Mortar Bag	44-lb	0	0	0	0	0		0	0	0	0	0	0	0
Aluminum Sulfate	50-lb	0	0	0	0	0		0	0	0	0	0	0	91
Soda Ash	2 truck loads	0	0	0	0	0		0	0	0	0	0	0	2
Soda Ash Container	35-gal	0	0	0	0	0		0	0	0	6	0	0	0
Sodium Hydroxide Solution	50-lbs	0	0	0	0	0		0	0	0	1	0	0	0
Baseboard Stripper	1lb 3oz	0	0	0	0	0		0	0	0	0	3	0	0
Floor Stripper	5-gal	0	0	0	0	0		0	0	0	0	2	0	0
PVC Cleaner	16-oz	0	0	0	0	0		2	0	0	0	1	0	0
A-456-N	1-gal	0	0	0	0	0		0	1	0	0	0	0	0
Dynamax (Wax/Polish Remover)	5-gal	0	0	0	0	0		0	2	0	0	0	0	0
CST-4 Sodium Hydroxide	55-gal drum	0	0	0	0	0		0	0	0	4	0	0	0
Pump Oil	1-gal container	0	0	0	0	0		0	0	0	0	1	0	0
Motor Oil	55-gal drum							0	0	0				0
Motor Oil	15-gal drum							0	0	0				0
Motor Oil	5-gal container	0	0	0	0	0		0	0	0	1	0	0	0
Waste Oil	33-gal drum	0	0	0	0	0		0	0	0	6	0	1	0

TABLE 1. INVENTORY OF DRUMS, AST, UST, CYLINDERS, AND LIQUIDS

Compound/ Item	Unit	Oak Hall	Spruce Hall Medical Center	Maple Hall	Administration Center	Sycamore Hall	Willow Hall	Cedar Hall	Mimosa	Howe Development Center	Power Plant	Maintenance	Engineering and Storage	Water Treatment Plant
Above Ground Storage Tank	250-gal	0	1	0	0	0		0	0	0	0	0	0	0
Propane Tank	Each	0	0	0	3	0		0	0	0	0	0	0	0
Paint Removal/Disposal	1-gal container	0	0	0	0	0		7	7	0	6	32	0	60
Paint Removal/Disposal	5-gal container	0	0	0	0	0		0	0	0	0	0	0	0
Full Argon Gas Cylinder	Each	0	0	0	0	0		0	0	0	1	0	0	0
Full Oxygen Cylinder (Portable)	Each	0	0	1	0	0		1	0	0	0	0	0	0
Spray Paint	12-oz	0	0	0	0	0		15	0	0	0	0	0	0
Water Cooling Tower	Each	0	1	0	0	0		0	0	0	0	0	0	0
Gasohol and Diesel Pump Residuals	Each	0	0	0	0	0		0	0	0	0	4	0	0
Motor Containing Gas/Oil	Each	3	4	17	0	1	2	0	0	1	5	0	0	0

Note: Hickory and Pine Hall are not listed in this table because none of the listed drums or containers were observed in these areas.

gal – gallon
 lb - pounds
 oz. – ounces
 qt - quart

5.2 Lights/Ballasts

Thousands of fluorescent lights are located throughout the property. During the Hazardous Material Inspection, Tetra Tech identified the materials presented below. Quantities are listed as approximate based on dark or inaccessible site conditions during the inspection and the large size of the site. However, during the inspection every effort was made to obtain accurate quantities and the numbers below are comparatively close.

To the north of Cedar Hall near the entrance is a pile of broken fluorescent light bulbs. The pile covers an area of approximately 4 square feet and is about 1 foot high. It is likely that these bulbs contained mercury vapor which was released when broken.

Table 2 below presents an inventory of the lights and ballasts observed on the property.

TABLE 2. INVENTORY OF LIGHTS AND BALLASTS

Compound/Item	Unit	Oak Hall	Spruce Hall Medical Center	Maple Hall	Administration Center	Sycamore Hall	Willow Hall	Hickory Hall	Cedar Hall	Mimosa	Howe Development Center	Pine Hall	Power Plant	Maintenance	Engineering and Storage	Water Treatment Plant
8' Fluorescent Light Ballast	Each	0	0	0	0	0			0	4	212	0	0	0	8	0
High Intensity Discharge Light	Each	0	110	24	0	0			0	0	0	0	0	18	8	0
Compact Fluorescent Light	Each	0	0	25	9	0			27	14	0	10	56	0	0	0
Tubular Fluorescent Light	Each	0	0	119	0	0	18	27	16	39	0	120	0	0	0	0
8' Fluorescent Light	Each	48	0	0	0	0			31	49	0	0	0	0	16	0
4' Fluorescent Light	Each	738	36	666	535	143	240	30	340	226	4	545	110	379	697	34
2' Fluorescent Light	Each	0	0	29	0	12			0	0	0	0	0	0	0	6
Box of Fluorescent Lights (30 4' and 12 2' lights)	Each	0	0	0	0	1	2		5	4	0	0	0	0	0	0
Incandescent Light Bulb	Each	0	0	1	1	7		10	12	0	0	0	0	0	0	0

5.3 Heating and Cooling Systems

The heating system of the Tinley Park Mental Health Facilities is powered by three boilers and pad mounted/ rooftop air conditioning units located adjacent or on the rooftop of each building. One boiler was installed in 2000 while the other boilers were installed prior to 1960. Steam tunnels delivered steam to all subject property buildings.

Table 3 below presents an inventory of the heating and cooling systems observed on the property.

TABLE 3. INVENTORY OF HEATING AND COOLING SYSTEMS (HVAC/REFRIGERATION)

Compound/Item	Unit	Oak Hall	Spruce Hall Medical Center	Maple Hall	Administration Center	Sycamore Hall	Willow Hall	Hickory Hall	Cedar Hall	Mimosa	Howe Development Center	Pine Hall	Power Plant	Maintenance	Engineering and Storage
Roof AC Unit Refrigerant	Each	0	0	0	0	0			0	0	2	0	0	0	0
HVAC Unit	Each	0	0	0	0	0			3	0	0	0	0	0	0
Window AC Unit Refrigerant	Each	0	0	0	0	2	3	7	0	1	0	0	1	0	1
Machinery AC Unit Refrigerant	Each	0	0	0	0	5			0	0	2	0	0	0	0
Refrigerator Refrigerant	Each	4	2	4	1	3			3	5	2	2	3	4	5
Drinking Fountain Refrigerant	Each	14	0	8	2	0	1		1	12	9	3	0	0	1
Large Electrical Panel	Each	8	0	5	3	0			0	2	0	4	5	5	0
Small Electrical Panel	Each	6	3	5	1	1			4	8	0	1	5	5	0

Note: The Water Treatment Plant is not listed in this table because none of the listed heating and cooling system components were observed in this area.

5.4 Common Hazardous Materials

Paint, oil, cleaning products, used tires, unmarked drums, compressed gas cylinders, water treatment chemicals, and many other common hazardous materials are located throughout the property. In addition, mercury containing materials are located in Oak Hall, Spruce Hall, the Power Plant, the Maintenance Building, Maple Hall, Sycamore Hall, Willow Hall, Pine Hall and the Water Treatment Plant. These materials include Mercoïd controls, thermostats, thermometers, and two bottles of mercury. During the site inspection, Tetra Tech observed the presence of batteries throughout the facility. The batteries are associated with the exit signs and emergency lights. Approximately 580 batteries were noted.

Commonwealth Edison owned and operated 25 ground-mounted transformers on the property (ComEd 2014). Oil-filled transformers were noted in the Howe Development Center, near Spruce Hall, south of the Administration Building, and near the Power Plant. According to ComEd, all transformers are free of polychlorinated biphenyls (PCB), and are currently owned by the utility; however, these transformers likely contained PCB oils in the past. The existing transformer observed near Spruce Hall is leaking, and staining was observed. Two drums with unknown contents were located next to the transformer.

Table 4 below presents an inventory of the common hazardous materials observed on the property.

TABLE 4. INVENTORY OF COMMON HAZARDOUS MATERIALS

Compound/Item	Units	Oak Hall	Spruce Hall Medical Center	Maple Hall	Administration Center	Sycamore Hall	Willow Hall	Hickory Hall	Cedar Hall	Mimosa	Howe Development Center	Pine Hall	Power Plant	Maintenance	Engineering and Storage	Water Treatment Plant
Emergency Light Batteries	Each	72	10	13	3	3	27		4	6	24	12	2	1	5	0
Exit Signs	Each	36	8	12	2	3	14		4	6	19	11	1	1	6	0
Fire Extinguisher	Each	12	2	23	5	3	2		2	2	8	1	10	7	8	0
Television and Computer Monitors	Each	1	0	1	0	3			0	4	0	0	2	2	0	0
Mercury Thermometer/Thermostat	Each	6	0	4	0	6	2		0	0	0	2	1	5	5	0
Mercoid Control	Each	1	1	0	0	0			0	0	0	0	6	6	0	1
Microwave Oven	Each	0	0	0	0	0			0	0	0	0	0	3	0	0
Air Compressor	Each	2	0	2	1	0			1	1	0	1	1	1	0	0
Safety Shower	Each	3	0	1	1	0			0	1	0	0	0	0	0	0
Used Tire	Each	0	0	0	0	0			0	0	0	0	3	61	0	0
Eye Wash	Each	1	0	0	0	0			0	0	0	0	2	0	0	0
Hydraulic Lift and Pit	Each	0	0	0	0	0			0	0	0	0	0	0	3	0
Smoke Detector	Each	5	6	0	0	0			0	0	0	0	0	0	0	0
Printer	Each	0	0	0	0	0			0	0	0	0	0	1	0	0
Fax Machine	Each	0	0	0	0	0			0	0	0	0	0	0	0	0
X-Ray Room (lead walls)	sq ft	228	0	0	0	0			0	0	0	0	0	0	0	0
Transformer	Each	0	1	0	0	0			0	0	0	0	1	0	0	0

TABLE 4. INVENTORY OF COMMON HAZARDOUS MATERIALS

Compound/Item	Units	Oak Hall	Spruce Hall Medical Center	Maple Hall	Administration Center	Sycamore Hall	Willow Hall	Hickory Hall	Cedar Hall	Mimosa	Howe Development Center	Pine Hall	Power Plant	Maintenance	Engineering and Storage	Water Treatment Plant
Re-thermalization Unit	Each	0	4	0	0	0			0	0	0	0	0	0	0	0
Emergency Generator 250 gallon. Diesel	Each	1	0	1	0	0			0	0	0	0	0	0	0	0
Rad354 P Oil Switch	Each	0	0	0	0	0			0	0	0	0	0	0	0	1
Elevators Excavate/Hydraulic Lift	Each	1	2	2	2	0			0	1	0	2	0	0	0	0

FIGURE
SITE LAYOUT MAP