

**New York State Department of Health
Basic Environmental Health Program**

Instructions

FIELD EXERCISE: SWIMMING POOL INSPECTION

Assignment

To ensure that the exercise will be as useful as possible, the *supervisor and mentor* must review these instructions, the **Basic Environmental Health Program Field Exercise Guidelines** and the exercise's **Field Assignment Report** form prior to selecting the pool to be inspected. The student's supervisor must arrange for the student to accompany a qualified mentor on an inspection of **a swimming pool that requires level II (Lifeguard) supervision in accordance with Section 6-1.23 of Part 6-1**. The intention of the exercise is to *introduce the student to the concepts and procedures* to conduct a swimming pool inspection. Students are not expected to be able to independently conduct swimming pool inspections without substantial additional training and mentoring

The student should assist or shadow the mentor in all aspects of the inspection including:

- a file review prior to the inspection,
- completion of the Swimming Pool Inspection's report (DOH-1321)
- follow up activity in response to violations or problems found during the inspection.

Upon completion of the Field Assignment Report form, the student, mentor, and student's supervisor must sign the affirmation at the bottom of the report. **Completed Field Assignment Report form must be submitted** to the School of Public Health, One University Place, Rensselaer, New York 12144 (fax to 518 402-1137) prior to the BCEHFP class.

Learning Objectives:

After completing this assignment, the student will be able to:

- Describe the factors that determine the number of lifeguards needed to adequately supervise a pool.
- Describe the factors affecting lifeguard surveillance of a pool.
- Describe appropriate locations and the methods for collecting and testing pool water for chlorine/bromine and pH and
- Describe features in and around a pool that are potential safety hazards.
- Describe factors that can impact pool water recirculation and surface skimming.

Questions on this exercise may be referred to Dennis Croswell, Division of Environmental Health Protection [518-402-7731] or ddc@health.state.ny.us

New York State Department of Health
Basic Environmental Health Program

Field Assignment Report
SWIMMING POOL INSPECTION

Student Name: _____ Health Department: _____

Swimming Pool Operation Name: _____ Inspection Date: _____

Mentor Name: _____ Mentor Title: _____

ASSIGNMENT

The student accompanies the mentor on a field inspection of a swimming pool that requires level II (a), (lifeguard) supervision and assists with and observes completion of a swimming pool inspection report form (DOH 1321) and completes the following questions.

1. Draw a diagram of the pool and identify with an "x", all appropriate locations in the pool for collection of water samples for chlorine/bromine and pH testing.
Explain the factors that may potentially impact the test results.

Test for free and combined chlorine or bromine (as applicable) and pH.

Amounts found: free cl / br _____ total cl/br _____ pH _____.

2. Circle the type of circulation system the pool is equipped with: (skimmer or a gutter system).
Describe any problems observed with the pool's circulation system: (ie)
If skimmers are present; are skimming weirs in place and is adequate suction in each skimmer?
If a gutter (perimeter overflow system) is present; is there flow over the entire perimeter of the gutter with no flooding of the gutter?

3. Locate the flow meter on the recirculation system piping.
What is the flow rate? _____ gpm.
What is the flow rate from the approved pool plans _____ gpm,?

4. Determine the number of lifeguards required to properly supervise the pool. Refer to Section 6-1.23.

What is the surface area of the pool _____. How many lifeguards are required? _____.

How many are provided _____. Indicate with a (L) on the diagram (question 1), the location of all lifeguards.

Identify features/conditions at this pool that can affect the lifeguard's ability to provide proper surveillance and scanning.

5. Are electrical receptacles present in the pool area? ____Y,____N.

If yes: Distance from the edge of the pool _____feet.

Are the receptacles protected by ground fault circuit interrupters ____Y, N_____.

Are portable, electric devices, such as radios, in use? Y____,N____. If yes what is the distance from the edge of the pool ____feet.

6. Is the main drain grate secured in place and unbroken? ____Y____N.

Discuss the significance of a broken or missing main drain grate.

7. Describe any inadequacies with markings for the pool's water depth, underwater steps, bottom slope, breakpoint or similar features. Refer to 6-1.10(d)

The following signatures certify that this student in conformance with the Basic Environmental Health Program Guidelines completed this work.

Student

Supervisor

Mentor