

SWIMMING POOL INFORMATION

Please read all information completely

**A COPY OF YOUR POOL, FILTER
BROCHURE & ELECTRICAL DRAWING SHOWING
RECEPTACLES, TRENCH & BONDING
MUST BE SUBMITTED WITH THIS APPLICATION.**

**A TOPOGRAPHICAL SURVEY
AND
\$ 1,000.00 ESCROW (FOR ENGINEERING FEES) IS
REQUIRED FOR ALL INGROUND POOLS UPON
SUBMISSION.**

If you have any questions regarding the proper installation
of your swimming pool, please contact:

Department of Building, Planning & Development
215-785-3680

ATTENTION LEVITTOWN RESIDENTS

IMPORTANT NOTICE!

If you are planning a project, ie., additions, installation of pools, sheds, fences, etc., you must submit a plot plan to the **Lower Bucks Water & Sewer Authority (7900 Route 13 – Immediately after McDonalds – 215-946-0731)** showing the replacement of these structures. You must then obtain their “approval” stating that no encroachment of any sewer easements have been made by these structures, allowing the project to commence once the proper permits have been approved.

Township of Bristol
Department of Building, Planning & Development
2501 Bath Road, Bristol, PA 19007
(215) 785-3680 Fax: (215) 788-8541

Zoning Determination Application
(please print or type)

- 1) Property in Question (address): _____
2) Business/Homeowner Name: _____
3) Applicant Name: _____
4) Address: _____ Phone: _____
5) Property/Building Owner Name: _____
6) Address: _____ Phone: _____
7) Tax Map Parcel #: _____
8) Present Use: _____
9) Intended Use: _____
10) Details of Intended Use: _____
11) Height of New Structure or Addition, (if applicable), from grade plane to roof or peak
(include stories and/or feet): _____

- *) AN IMPERVIOUS SURFACE CALCULATION SHEET MUST BE FILLED OUT COMPLETELY AND ACCOMPANY THIS FORM FOR REVIEW.
- *) PECO MUST BE NOTIFIED IF NEW STRUCTURE OR ADDITION WILL INFRINGE ON ANY ALLOWABLE DISTANCES TO ANY POWER LINES. IT IS YOUR RESPONSIBILITY TO HAVE POWER LINES MOVED OR REDESIGN YOUR INTENDED STRUCTURE TO COMPLY WITH THESE DISTANCES. CALL PECO FOR NECESSARY INFORMATION.
- *) THIS APPLICATION MUST BE FILLED OUT COMPLETELY FOR ACCEPTANCE FOR REVIEW.

>) SIGNATURE OF APPLICANT: _____ Date: _____

OFFICIAL USE ONLY BELOW:

Zoning District: _____ Zoning Approved _____ Zoning Not Approved _____

Comments: _____

Zoning Officer: _____ Date: _____

Permit #: _____ Receipt #: _____ Check #: _____ Fee: _____

Additional Comments: _____

MAXIMUM IMPERVIOUS SURFACE AND MAXIMUM BUILDING COVERAGE CALCULATION SHEET

ALL PERMIT APPLICATIONS (RESIDENTIAL AND COMMERCIAL) FOR BUILDING ADDITIONS, SHEDS, POOLS, OR OTHER ACCESSORY STRUCTURES MUST BE ACCOMPANIED BY A PLOT PLAN INDICATING ALL STRUCTURES AND IMPERVIOUS SURFACES THAT EXIST ON THE PROPERTY, INCLUDING PROPOSED ADDITION.

PLEASE COMPLETE THE FOLLOWING, WHERE APPLICABLE:

- A. TOTAL SQUARE FOOTAGE OF FOOTPRINT OF HOUSE/BUILDING: _____
- B. SQUARE FOOTAGE OF FOOTPRINT OF CARPORT OR GARAGE: _____
- C. SQUARE FOOTAGE OF CONCRETE AROUND POOL: _____
- D. SQUARE FOOTAGE OF SHED AND/OR ACCESSORY BUILDING: _____
- E. SQUARE FOOTAGE OF COVERED OR ENCLOSED PORCH: _____
- F. SQUARE FOOTAGE OF FOOTPRINT OF PROPOSED ADDITION: _____
- G. TOTAL SQUARE FOOTAGE OF BUILDING COVERAGE:
(A + B + C + D + E + F = G) _____
- H. SQUARE FOOTAGE OF DRIVEWAY/PARKING LOTS: _____
- I. SQUARE FOOTAGE OF WALKWAYS/SIDEWALKS: _____
- J. SQUARE FOOTAGE OF PATIO OR UNENCLOSED PORCH: _____
- K. TOTAL SQUARE FOOTAGE OF IMPERVIOUS COVERAGE:
(G + H + I + J = K) _____
- TOTAL SQUARE FOOTAGE OF LOT: _____

NOTE: IMPERVIOUS SURFACE – Surfaces which do not absorb water, including all buildings and paved or hard surfaces. In addition, other areas determined by the Township Engineer to be impervious within the meaning of this definition shall also be classified as impervious. For purposes of this definition, that area of a swimming pool located inside the coping (concrete) shall not be classified as impervious.

Effective date: November 18, 2004

Revised: April 28, 2016



BRISTOL TOWNSHIP

Department of Building, Planning & Development

2501 Bath Road · Bristol, PA 19007 · (215) 785-3680 · Fax (215) 788-8541

POOL & BARRIER ACKNOWLEDGEMENT

I _____ have received the Pool & Barrier (fence) requirements for the
Name and/or Company
project at _____, and I acknowledge this acceptance.
Address

FENCING IS REQUIRED

Fence is: ____ exiting ____ new (**check one**)

Height of Fence: _____

Style of Fence: _____

Type of Material: _____

If **new**, fence will be installed by: _____

Does pool come with a manufactured entrance deck? Yes _____ No _____

If Yes, what is the size? _____

YOU MUST INCLUDE A PLOT PLAN SHOWING THE LOCATION OF THE FENCE AND DECK WITH DISTANCES FROM ALL PROPERTY LINES.

homes, folding tent campers, autos, buses or trucks adapted for vacation use, snowmobiles, minibikes, all-terrain vehicles, go-carts, boats, boat trailers, and utility trailers. Recreational vehicles or units shall be parked and/or stored either in a driveway, to the rear or side of the dwelling, in a garage, or in a roofed structure.

(f) **Swimming pool:** A structure designed to contain a water depth of 24 inches or more and intended for swimming or recreational purposes. A swimming pool shall be permitted as an accessory use to a residential use, provided:

- [1] A building permit shall be required to locate, construct or maintain a swimming pool.
- [2] A swimming pool shall be located no closer than six feet from a side or rear yard property line. For purpose of measurement, the location of the pool shall be measured to the waterline. A swimming pool shall not be located in a front yard unless it is located no closer than the front yard setback requirement or 25 feet from the street line, whichever is less. **[Amended 9-18-2003 by Ord. No. 2003-17]**
- [3] The pool may be lighted by underwater or exterior lights, or both, provided that all exterior lights are located so that the light is neither directed nor reflected upon adjacent properties in such a manner as to be a nuisance or an annoyance to neighboring properties. Underwater lighting shall be in compliance with the applicable National Electrical Code.
- [4] An outdoor swimming pool, including an in-ground, aboveground/on-ground pool, and hot tub/spa shall be provided with a fence or barrier that completely surrounds the swimming pool. The fence or wall shall comply with the applicable regulations in the municipality's adopted BOCA National Building Code. If the adopted BOCA National Building Code does not contain regulations for fences or barriers around swimming pools or, if a municipality has not adopted a BOCA National Building Code, the fence or barrier shall comply with applicable regulations contained in the most recent BOCA National Building Code.¹⁵
- [5] There shall be no cross connection with a public sewerage system.
- [6] The permanent inlet shall be above the overflow level of the pool.

(g) **Garage or yard sales:** The temporary display and sale of goods and craft items on a residentially used property.

- [1] Such temporary uses shall be limited to occurrences of not more than three days. Such occurrences shall be limited to not more than four

15. Editor's Note: See Ch. 84, Construction Codes, Uniform.

SECTION 305 BARRIER REQUIREMENTS

305.1 General. The provisions of this section shall apply to the design of barriers for restricting entry into areas having pools and spas. Where spas or hot tubs are equipped with a lockable safety cover complying with ASTM F1346 and swimming pools are equipped with a powered safety cover that complies with ASTM F1346, the areas where those spas, hot tubs or pools are located shall not be required to comply with Sections 305.2 through 305.7.

305.2 Outdoor swimming pools and spas. Outdoor pools and spas and indoor swimming pools shall be surrounded by a barrier that complies with Sections 305.2.1 through 305.7.

305.2.1 Barrier height and clearances. Barrier heights and clearances shall be in accordance with all of the following:

1. The top of the barrier shall be not less than 48 inches (1219 mm) above grade where measured on the side of the barrier that faces away from the pool or spa. Such height shall exist around the entire perimeter of the barrier and for a distance of 3 feet (914 mm) measured horizontally from the outside of the required barrier.
2. The vertical clearance between grade and the bottom of the barrier shall not exceed 2 inches (51 mm) for grade surfaces that are not solid, such as grass or gravel, where measured on the side of the barrier that faces away from the pool or spa.
3. The vertical clearance between a surface below the barrier to a solid surface, such as concrete, and the bottom of the required barrier shall not exceed 4 inches (102 mm) where measured on the side of the required barrier that faces away from the pool or spa.
4. Where the top of the pool or spa structure is above grade, the barrier shall be installed on grade or shall be mounted on top of the pool or spa structure. Where the barrier is mounted on the top of the pool or spa, the vertical clearance between the top of the pool or spa and the bottom of the barrier shall not exceed 4 inches (102 mm).

305.2.2 Openings. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere.

305.2.3 Solid barrier surfaces. Solid barriers that do not have openings shall not contain indentations or protrusions that form handholds and footholds, except for normal construction tolerances and tooled masonry joints.

305.2.4 Mesh fence as a barrier. Mesh fences, other than chain link fences in accordance with Section 305.2.7, shall be installed in accordance with the manufacturer's instructions and shall comply with the following:

1. The bottom of the mesh fence shall be not more than 1 inch (25 mm) above the deck or installed surface or grade.
2. The maximum vertical clearance from the bottom of the mesh fence and the solid surface shall not permit

the fence to be lifted more than 4 inches (102 mm) from grade or decking.

3. The fence shall be designed and constructed so that it does not allow passage of a 4-inch (102 mm) sphere under any mesh panel. The maximum vertical clearance from the bottom of the mesh fence and the solid surface shall be not greater than 4 inches (102 mm) from grade or decking.
4. An attachment device shall attach each barrier section at a height not lower than 45 inches (1143 mm) above grade. Common attachment devices include, but are not limited to, devices that provide the security equal to or greater than that of a hook-and-eye-type latch incorporating a spring-actuated retaining lever such as a safety gate hook.
5. Where a hinged gate is used with a mesh fence, the gate shall comply with Section 305.3.
6. Patio deck sleeves such as vertical post receptacles that are placed inside the patio surface shall be of a nonconductive material.
7. Mesh fences shall not be installed on top of onground *residential* pools.

305.2.5 Closely spaced horizontal members. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the pool or spa side of the fence. Spacing between vertical members shall not exceed $1\frac{3}{4}$ inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed $1\frac{3}{4}$ inches (44 mm) in width.

305.2.6 Widely spaced horizontal members. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall not exceed 4 inches (102 mm). Where there are decorative cutouts within vertical members, the interior width of the cutouts shall not exceed $1\frac{3}{4}$ inches (44 mm).

305.2.7 Chain link dimensions. The maximum opening formed by a chain link fence shall be not more than $1\frac{3}{4}$ inches (44 mm). Where the fence is provided with slats fastened at the top and bottom that reduce the openings, such openings shall be not greater than $1\frac{3}{4}$ inches (44 mm).

305.2.8 Diagonal members. Where the barrier is composed of diagonal members, the maximum opening formed by the diagonal members shall be not greater than $1\frac{3}{4}$ inches (44 mm). The angle of diagonal members shall be not greater than 45 degrees (0.79 rad) from vertical.

305.2.9 Clear zone. There shall be a clear zone of not less than 36 inches (914 mm) between the exterior of the barrier and any permanent structures or equipment such as pumps, filters and heaters that can be used to climb the barrier.

305.2.10 Poolside barrier setbacks. The pool or spa side of the required barrier shall be not less than 20 inches (508 mm) from the water's edge.

305.3 Gates. Access gates shall comply with the requirements of Sections 305.3.1 through 305.3.3 and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outward away from the pool or spa, shall be self-closing and shall have a self-latching device.

305.3.1 Utility or service gates. Gates not intended for pedestrian use, such as utility or service gates, shall remain locked when not in use.

305.3.2 Double or multiple gates. Double gates or multiple gates shall have not fewer than one leaf secured in place and the adjacent leaf shall be secured with a self-latching device. The gate and barrier shall not have openings larger than $\frac{1}{2}$ inch (12.7 mm) within 18 inches (457 mm) of the latch release mechanism. The self-latching device shall comply with the requirements of Section 305.3.3.

305.3.3 Latches. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from grade, the release mechanism shall be located on the pool or spa side of the gate not less than 3 inches (76 mm) below the top of the gate, and the gate and barrier shall not have openings greater than $\frac{1}{2}$ inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.

305.4 Structure wall as a barrier. Where a wall of a dwelling or structure serves as part of the barrier and where doors or windows provide direct access to the pool or spa through that wall, one of the following shall be required:

1. Operable windows having a sill height of less than 48 inches (1219 mm) above the indoor finished floor and doors shall have an alarm that produces an audible warning when the window, door or their screens are opened. The alarm shall be *listed* and *labeled* as a water hazard entrance alarm in accordance with UL 2017. In dwellings or structures not required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located 54 inches (1372 mm) or more above the finished floor. In dwellings or structures required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches (1372 mm) and not less than 48 inches (1219 mm) above the finished floor.
2. A *safety cover* that is *listed* and *labeled* in accordance with ASTM F1346 is installed for the pools and spas.
3. An *approved* means of protection, such as self-closing doors with self-latching devices, is provided. Such means of protection shall provide a degree of protection that is not less than the protection afforded by Item 1 or 2.

305.5 Onground residential pool structure as a barrier. An onground *residential* pool wall structure or a barrier mounted on top of an onground *residential* pool wall structure shall serve as a barrier where all of the following conditions are present:

1. Where only the pool wall serves as the barrier, the bottom of the wall is on grade, the top of the wall is not less than 48 inches (1219 mm) above grade for the

GENERAL COMPLIANCE

entire perimeter of the pool, the wall complies with the requirements of Section 305.2 and the pool manufacturer allows the wall to serve as a barrier.

2. Where a barrier is mounted on top of the pool wall, the top of the barrier is not less than 48 inches (1219 mm) above grade for the entire perimeter of the pool, and the wall and the barrier on top of the wall comply with the requirements of Section 305.2.
3. Ladders or steps used as means of access to the pool are capable of being secured, locked or removed to prevent access except where the ladder or steps are surrounded by a barrier that meets the requirements of Section 305.
4. Openings created by the securing, locking or removal of ladders and steps do not allow the passage of a 4-inch (102 mm) diameter sphere.
5. Barriers that are mounted on top of onground *residential* pool walls are installed in accordance with the pool manufacturer's instructions.

305.6 Natural barriers. In the case where the pool or spa area abuts the edge of a lake or other natural body of water, public access is not permitted or allowed along the shoreline, and required barriers extend to and beyond the water's edge not less than 18 inches (457 mm), a barrier is not required between the natural body of water shoreline and the pool or spa.

305.7 Natural topography. Natural topography that prevents direct access to the pool or spa area shall include but not be limited to mountains and natural rock formations. A natural barrier approved by the governing body shall be acceptable provided that the degree of protection is not less than the protection afforded by the requirements of Sections 305.2 through 305.5.

Electrical Requirements for outdoor, above ground swimming pools (2017 NEC)

1. All electrical equipment must be listed
2. No wiring is permitted over a pool
3. All grounding and bonding terminals must be identified for wet and corrosive environments
4. Conduit installed underground must have a minimum of 18-inches burial depth
5. All utilization equipment other than lighting must have a maintenance disconnecting means installed in a readily accessible location at least 5-feet horizontally from the inside wall of the pool
6. All pool pump motors must be GFCI protected. Pool pump receptacles may be mounted on a pressure treated 4 x 4. Pool pump receptacles must be at least six feet from the inside wall of the pool. Pool pump motors must be listed for the purpose
7. UF cable not permitted in vicinity of pool water or chemicals. PVC conduit with conductors rated for wet locations and an insulated equipment grounding conductor is compliant
8. All outdoor receptacles must be GFCI protected with an in-use cover
9. At least one receptacle must be located not less than 6-feet and not more than 20-feet from the inside wall of the pool
10. Perimeter bonding is required for all surfaces included unpaved lawn. A solid #8 AWG copper must be installed around the pool perimeter 18 to 24-inches from the pool at 4 to 6-inches below the subgrade. This conductor must be bonded to the pool at four points uniformly spaced. If the pool is nonconductive, bonding at four points is not required. All metal parts (including but not limited to ladders, fences etc.) within 5-feet of the pool must be bonded to the solid #8 AWG copper
11. The pool water must be bonded to the solid #8 AWG copper conductor. This is typically done with a pre manufactured fitting installed in the filtration system. These devices are readily available and inexpensive. Google "bond pool water" for multiple online options
12. Wiring indoors may be any Chapter 3 wiring method including Types SE and NM (romex). Where subject to pool water chemicals etc. an insulated equipment grounding conductor is required
13. NOTE: The above requirements are illustrative of a typical installation. All applicable NEC requirements (not limited to Article 680) apply



PROJECTS UNDER ONE ACRE



In many Bucks County townships, projects with more than 1,000 square feet, but less than 1 acre of earth disturbance are required to submit a plan for Erosion & Sedimentation Control (E&S Plan) to the BCCD for review and approval before starting work. Please take a moment to download our application form with instructions, and to use any of the other resource links provided below to help you complete your application & plan. Remember to always keep a copy of your submitted E&S plan for yourself and to keep a copy on site while you are working.

* **Please Note: Swimming pool projects under 2,000 square feet are exempt from BCCD E&S Review.**

* **Your Municipality may require items such as grading or building permits prior to the start of any work. Please check with your municipality before beginning any new construction project.**

Items needed for an Erosion & Sedimentation Control Plan submittal to BCCD:

- **Erosion & Sedimentation Control Plan 2019 Application Form**
- **BCCD Standard Notes** are the basic "dos and don'ts" of construction activities that BCCD requires applicants to adhere to. A copy of the Standard Notes should be included in any project submission to the BCCD.
- In Pennsylvania, homeowners and contractors are required to contact PA 1 Call at least three business days before beginning any digging or excavation project. In 2006, the PUC ordered all local telecommunications carriers to fully implement 8-1-1 as the abbreviated dialing code to access PA 1 Call. For more information see www.pa1call.org
- **Web Soil Survey Tool**, Bucks County **Hydric Soils List**
- **eMap Tool**, **Chapter 93 Stream Designations** for Bucks County streams
- **Low Hazard Plan Instructions** provides guidance for homeowners to develop acceptable Erosion and Sedimentation Control plans for small projects. The BCCD has also provided a **simple plan sheet** for you to work from. The BCCD reserves the right to determine whether or not the use of this guide is acceptable for any given project.
- BCCD staff has created a **sample detail sheet** to use for E&S plans. Please, cut, paste & edit to match your proposed design.
- If you would like further assistance from the Conservation District, we recommend contacting our office and speaking with the Technician responsible for your municipality.

Home

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Resources & Tools

Contact & Directions

1456 Ferry Road, Suite 704, Doylestown, PA 18901-5550

(p) 215.345.7577 (f) 215.345.7584

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Effective July 1, 2019

BUCKS COUNTY CONSERVATION DISTRICT

1456 FERRY ROAD, SUITE 704
DOYLESTOWN, PA 18901-5550
P (215)345-7577 F (215)345-7584

In Pursuit of Environmental Excellence

APPLICATION FOR CHAPTER 102 and/or NPDES REVIEW INFORMATION FORM

This form must be completed and submitted along with the required plans and fees for first time E&S reviews and resubmissions. Please see page 2 for instructions regarding the number of copies required for various submissions.

Application Type:

Plan Date OR Most Recent Revision Date: _____ NEW PLAN RESUBMISSION CORRECTIVE ACTION PLAN
 ADMINISTRATIVE INCOMPLETE (\$250.00 FEE) NPDES MINOR AMENDMENT (\$250.00 FEE)

Project Municipality _____ Project Name _____

Tax Parcel Number _____ Project Address _____

*TOTAL ACREAGE _____ ACRES TO BE DISTURBED _____ #Lots _____ #Units _____

Watershed _____ Receiving Stream _____ Stream Classification _____

APPLICANT INFORMATION

Applicant Name: _____

Applicant Company: _____

Address: _____

City/State/Zip: _____

Phone: _____ Ext: _____

Email: _____

PLAN PREPARER

Designer Name: _____

Company: _____

Address: _____

City/State/Zip: _____

Phone: _____ Ext: _____

Email: _____

Submitted By: Engineering Firm/Plan Designer Contractor Landowner Municipality

E&S Fee Exemptions and Exceptions: County Agencies Volunteer Fire Stations/ Ambulance Services Co-op Farmer, # _____

Municipalities/ Public Schools (1/2 fee) Other: _____

FEE SCHEDULE FOR E&S REVIEWS (BASED ON DISTURBED ACRES ONLY)

INCLUDED WITH SUBMISSION ARE: PLANS/NARRATIVES FEE(S) NPDES/E&S PERMIT APPLICATION

SINGLE FAMILY HOME (1 RESIDENCE) WITH UNDER 1 ACRE OF DISTURBANCE = \$200.00

ALL OTHER EARTH DISTURBANCE:

.02296 to 0.99 acres = \$650.00

1.0 to 1.99 acres = \$1,350.00

2.0 to 4.99 acres = \$2,000.00

5.0 to 9.99 acres = \$3,000.00

10.0 to 19.99 acres = \$5,000.00

20+ acres = \$6,000.00 +

Additional \$100.00 per acre for each acre over 20

(Fractions of an acre are rounded up to the next whole acre.)

TIMBER HARVEST

0.0-24.99 ACRES = \$200.00; ≥25.0 ACRES = E&S PERMIT

E&S PERMIT

≥25.0 ACRES = \$650 (PLUS FEES ASSOCIATED WITH NPDES INDIVIDUAL PERMIT, SEE PAGE 2, "NPDES INFORMATION")

SMALL POND WORK E&S FEE = \$200.00 (MAY REQUIRE NPDES PERMIT, SEE PAGE 2, "NPDES INFORMATION")

****FOR PROJECTS WITH EARTH DISTURBANCE OF ONE (1) ACRE OR MORE IT IS REQUIRED THAT AN NPDES APPLICATION (NOI) BE SENT WITH THE E&S SUBMISSION.**

****PLEASE READ PAGE 2 OF THIS APPLICATION UNDER "EXEMPTIONS AND EXCEPTIONS"**

PLEASE SUBMIT FOLDED PLANS TO THE DISTRICT. ROLLED PLANS WILL NOT BE ACCEPTED.

BCCD USE ONLY BEYOND THIS POINT

ENTRY # _____

DATE SENT BACK _____

E&S FEE REC'D \$ _____ CHECK# _____

DEP CWF FEE \$ _____ CHECK# _____

EXPEDITED FEE \$ _____ CHECK# _____

CAP/ADMIN/MA FEE \$ _____ CHECK# _____

NPDES FEE \$ _____ CHECK# _____

NPDES # ASSIGNED _____

7/1/2019

PLEASE READ ALL INSTRUCTIONS ON PAGE 2 OF APPLICATION

STANDARD INFORMATION:

Incomplete E&S applications will not be accepted.

BCCD DOES NOT ACCEPT CASH OR CREDIT CARDS.

E&S reviews are processed in the order they are received. The District is required to complete its review within 30 days.

The BCCD Office DOES NOT process Chapter 105 General Permits 1 – 9 & 15. They must be submitted to the Southeast Regional DEP Office, 2 East Main Street, Norristown, PA 19401. 484-250-5900. Please refer to the DEP website (www.dep.state.pa.us) for any further information.

If a meeting with the BCCD is needed, PLEASE CALL AHEAD TO SCHEDULE AN APPOINTMENT.

E&S Review letters are sent to the Landowner, appropriate Municipal government, Bucks County Planning Commission, and Engineer / Plan Designer. **PLEASE NOTE:** If copies of review letters are needed by any other entities please attach names and addresses.

Failure to begin earth moving within 2 years from date of BCCD’s Adequate E&S Review Letter will require a resubmission and will be subject to a full E&S fee.

E&S FEE EXEMPTIONS AND EXCEPTIONS:

County agencies, volunteer fire stations, volunteer ambulance services, and conservation co-operator farms are exempt from fees. Municipalities and Public Schools please submit One half (1/2) of the fee listed under “ALL OTHER EARTH DISTURBANCE” fee schedule.

FEEES ARE REQUIRED FOR ALL OTHER SUBMISSIONS.
THERE ARE NO EXEMPTIONS FROM EXPEDITED REVIEW FEES.

E&S submissions and resubmissions require one (1) plan set, one (1) General Information Form, and appropriate fee. MAKE CHECKS PAYABLE TO “BUCKS COUNTY CONSERVATION DISTRICT” OR “BCCD.”

Withdrawal of a submission prior to a response from the BCCD is subject to a fee of either fifteen percent (15%) of the current fee or \$150.00, whichever is less. Plans withdrawn for any reason will require a full fee when resubmitted.

RESUBMISSION GUIDELINES:

All resubmissions are required to submit an APPLICATION FOR CHAPTER 102 and/or NPDES REVIEW INFORMATION FORM and associated fee. Any submission involving a Major Revision from a previously reviewed plan shall be required to submit the FULL E&S Fee. A MAJOR change or revision on a plan may include, but is not limited to: a change in use, lot layout, street layout, grading changes, or basin revisions. If you have any questions, please call the BCCD office.

A Fee of 50% of the CURRENT FEE or \$1000.00, whichever is less, will be charged for each resubmission without major changes.

New revision dates noted on the plans require a resubmission to BCCD, including an application form and resubmission fee. A new review letter is required with corresponding plan dates.

NPDES PERMIT INFORMATION:

A separate federally mandated NPDES Permit is needed if proposed earth disturbance is one (1) acre or greater. There are two categories of NPDES Permits, General or Individual.

NPDES **General Permit** fee \$500.00, payable to “BCCD-CWF”

An NPDES **Individual Permit** is needed if the project is located in High Quality (HQ) or Exceptional Value (EV) Watershed. Please refer to Chapter 93, Water Quality Standards, Title 25 of PA CODE. The fee for this permit is \$1500.00, payable to “BCCD-CWF”.

With every NPDES Submission, please include 1 copy of plans and narratives for review. For NPDES Individual Permits, additional plan sets will be requested by the BCCD once a submission is found to be administratively complete. All submissions also require a check for \$100.00 per disturbed acre (rounded to the nearest whole acre), made payable to the “PA-CWF”. DISTURBED ACRE FEES ARE COLLECTED BY THE BCCD AND DELIVERED TO THE PA DEP WEEKLY.

BCCD requires a \$250.00 re-filing fee for NPDES applications found to be incomplete on the first submission. Required information must be submitted to BCCD within 60 days of notice or the application and all associated plan sets will be considered withdrawn.

NPDES Permit **Minor Amendments** will be charged a flat fee of \$250.00.

ALL APPLICATIONS FOR NPDES PERMITS ARE PROCESSED BY BCCD OFFICE. PLEASE INCLUDE THEM WITH THE E&S SUBMISSION IN THEIR ENTIRETY.

Projects requiring NPDES Applications (NOI) will be reviewed for Administrative and Technical completeness within 15 Business days of receipt. If the NOI is considered to be Administratively and Technically Complete, the E&S review will follow within 22 Business days. Re-submittals will be processed within 17 business days of receipt.

FOR E&S FORM, NPDES FORMS, AND POLICIES PLEASE VISIT www.bucksccd.org OR www.dep.state.pa.us



BUCKS COUNTY CONSERVATION DISTRICT

1456 FERRY ROAD, SUITE 704
DOYLESTOWN, PA 18901-5550

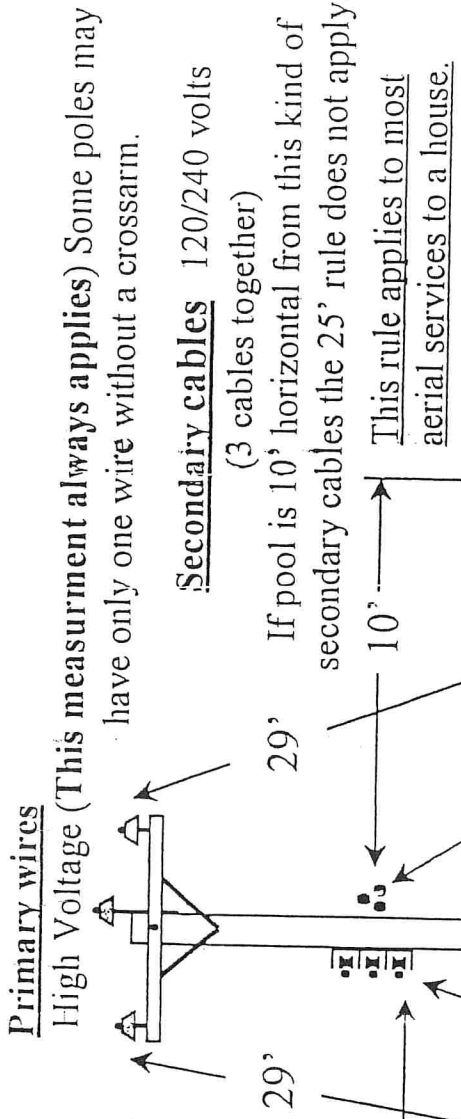
In Pursuit of Environmental Excellence

EROSION/SEDIMENT CONTROL PLAN STANDARD NOTES

- Stockpile heights must not exceed 35 feet; stockpile slopes must not exceed 2:1.
- The operator/responsible person (O/RP) on site shall assure that the approved erosion and sediment control plan is properly and completely implemented.
- Immediately upon discovering unforeseen circumstances posing the potential for accelerated erosion and/or sediment pollution, the O/RP shall implement appropriate Best Management Practices (BMPs) to eliminate the potential for accelerated erosion and/or sediment pollution.
- The O/RP shall assure that an erosion and sediment control plan has been prepared and approved by the Bucks County Conservation District and is being implemented and maintained for all soils and/or rock spoil and borrow areas regardless of their locations.
- All pumping of sediment-laden water shall be through a sediment control BMP such as a pumped water filter bag discharging over an undisturbed area.
- A copy of the approved erosion and sediment control plan must be available on the project site at all times.
- Erosion and sediment BMPs must be constructed, stabilized and functional before site disturbance begins within the tributary areas of those BMPs.
- After final site stabilization has been achieved, temporary erosion and sediment BMP controls must be removed. Areas disturbed during the removal of the BMPs must be stabilized immediately.
- At least seven (7) days before starting any earth disturbance activity, the O/RP shall invite all contractors involved in that activity, the landowner, all appropriate municipal officials, the erosion and sediment control plan designer and the Bucks County Conservation District to a pre-construction meeting. Also, at least three (3) days before starting any earth disturbance activity, all contractors involved in that activity shall notify the Pennsylvania One-Call System Inc. at 1-800-242-1776 to determine any underground utilities locations.
- Immediately after earth disturbance activity ceases, the O/RP shall stabilize any areas disturbed by the activity. During non-germinating periods, mulch must be applied at specified rates. Disturbed areas that are not finished grade and which will be re-disturbed within one year must be stabilized in accordance with temporary vegetative stabilization specifications.

- Disturbed areas that are at a finished grade or which will not be re-disturbed within one year must be stabilized in accordance with permanent vegetative stabilization specifications.
- An area shall be considered to have achieved final stabilization when it has a minimum uniform 70% vegetative or other permanent non-vegetative cover with a density sufficient to resist accelerated surface erosion and subsurface characteristics sufficient to resist sliding and other movements.
- Upon the installation of temporary sediment basin riser(s), a qualified site representative shall conduct an immediate inspection of the riser(s), whereupon the Bucks County Conservation District shall be notified in writing that the riser is sealed (watertight).
- At stream crossings, a 50-foot buffer shall be maintained. On buffers, clearings, sod disturbances and excavations, equipment traffic should be minimized. Activity such as stacking logs, burning cleared brush, discharged rainwater from trenches, welding pipe sections, refueling and maintaining equipment should be avoided within buffer zones.
- Until a site is stabilized, all erosion and sediment BMPs must be maintained properly. Maintenance must include inspections of all erosion control BMPs after each runoff event and on a weekly basis. All preventative and remedial maintenance work, including cleanout, repair, replacement, re-grading, re-seeding, re-mulching and re-netting must be performed immediately. If erosion and sediment control BMPs fail to perform as expected, replacement BMPs, or modifications of those installed, will be required.
- Sediment removed from BMPs shall be disposed of on-site in landscaped areas outside of steep slopes, wetlands, floodplains or drainage swales and immediately stabilized or placed in soil stockpiles and stabilized.
- All building material and wastes must be removed from the site and recycled in accordance with DEP's Solid Waste Regulations (25 PA Code 260.1 et seq., 271.1 et seq., and 287.1 et seq.) and/or any additional local, state or federal regulations. No building materials (used or unused) or waste materials shall be burned, buried, dumped, or discharged at the site.

Typical pole with Electric, Cable TV and Bell Telephone facilities. (This is a generic diagram, some poles will have more or less facilities)

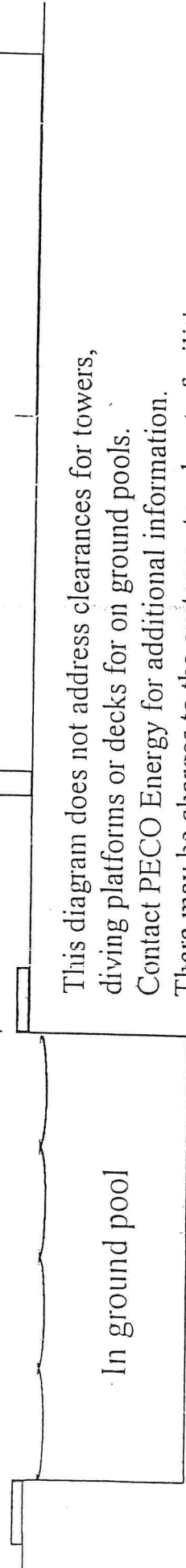


Secondary cables 120/240 volts
(3) open wires 8" space between cables.

Secondary cables 120/240 volts
(3 cables together)

29' If pole is 10' horizontal from this kind of secondary cables the 25' rule does not apply.
10'
This rule applies to most aerial services to a house.

Most poles will have secondary cables, this diagram shows both kinds that PECO has on their system.



This diagram does not address clearances for towers, diving platforms or decks for on ground pools. Contact PECO Energy for additional information. There may be charges to the customer to relocate facilities

Not drawn to scale

Fig. 1 Underwater Lighting Fixture for aboveground non-storable swimming pool.

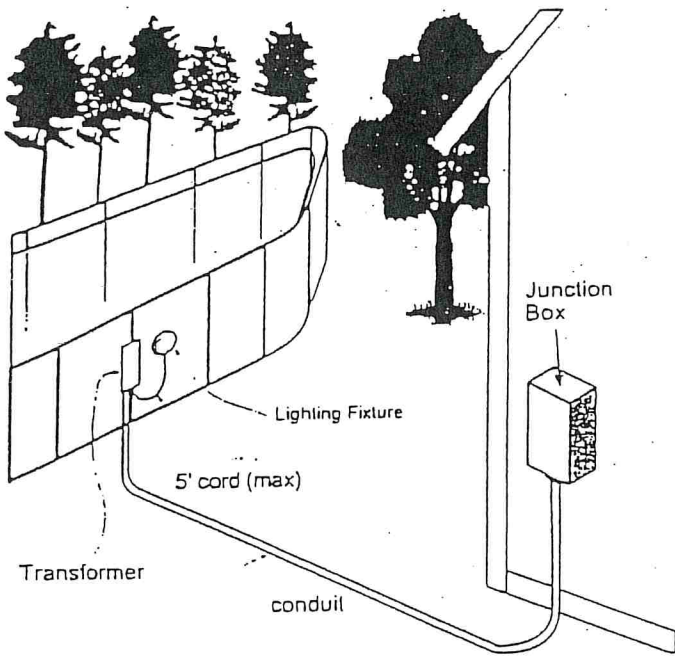


Fig. 3 Underwater Lighting Fixture for aboveground storable swimming pool.

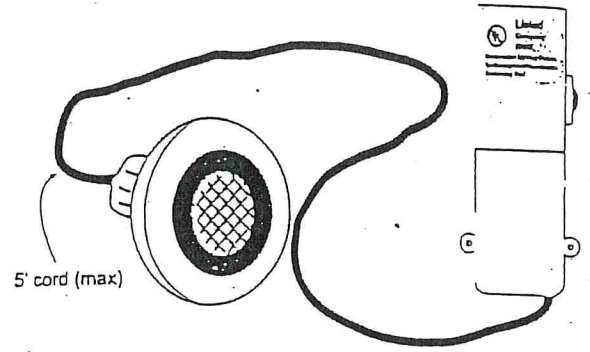
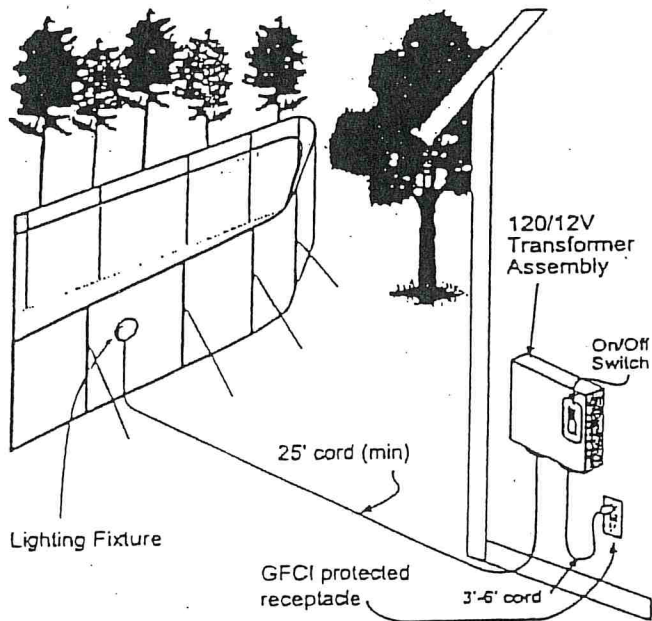
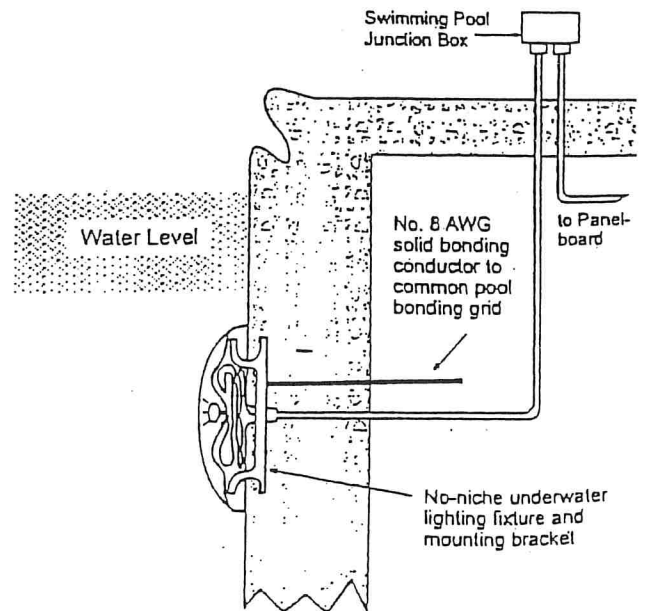


Fig. 4 No-Niche Underwater Lighting Fixture.

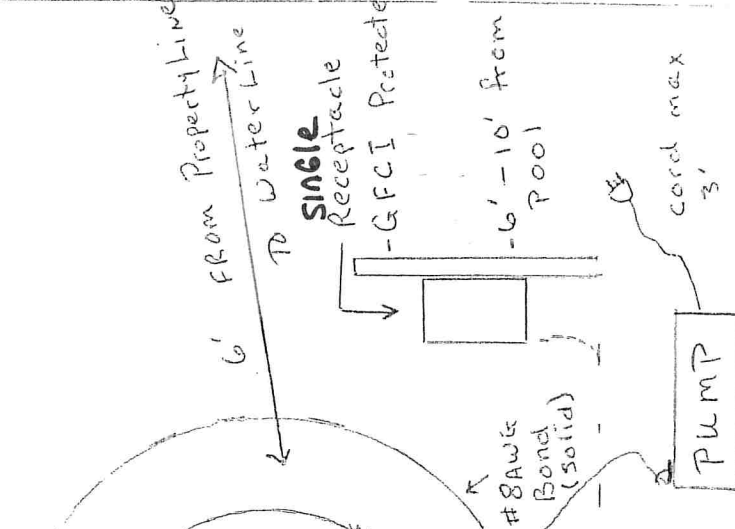


2017 NEC

2018 IRC

PECO LINES
NO LESS THAN 10' FROM POOL

PROPERTY LINE



POOL
(42" and over)

Perimeter Bonding
E4204.2.2
Bond @ 4 points
E4204.2.2.2
#8 AWG bare
Solid copper

GFCI Protected
Convenience Receptacle
No less than 6'
No more than 20'
E4203.1.2

Conductors listed for "wet" location. *Must include insulated equipment grounding conductor (#12 AWG min)

Conduit
RNC (PVC) 18" deep from top of pipe

PANEL

PUMP

#8 AWG Bond (Solid)

6' from Property Line
6' from Water Line
SINGLE Receptacle
-GFCI Protected
-6' - 10' from Pool
cord max 3'

HOUSE

NTS