OFFICE OF THE PHYSICAL PLANT
ENVIRONMENTAL REGULATORY COMPLIANCE CHECKLIST

Project: _____ Date: _____

Project No.: _____ PSU Project Leader: _____

Phase of Project: _____ Please attach Scope of Work Document and Preliminary Drawings

Design Professional Contact Information:

This checklist is provided to assist regulatory compliance concerning environmental issues associated with a project. The Design Professional shall complete the checklist and review with the Penn State Project Leader prior to submission to Engineering Services. The Design Professional is responsible for accurately understanding the scope of work when completing this form. The Design Professional will determine what materials and/or conditions exist that may require regulatory compliance for this project. This tool is provided to assist the Professional with Article 2.1 Compliance of the Form of Agreement 1-P.[1] Should the proposed project include activities described below, additional considerations will likely be required. The checklist is to be completed by the Design Professional near the beginning of the project once the project scope is understood and at the very least, when a final design is ready to bid. The checklist should be revisited upon changes to project scope. It is to the project's benefit to identify items on the checklist as soon as possible so that requirements (and consequent deadlines) can be incorporated early in the design process. The completed form is to be submitted to Engineering Services at bks22@psu.edu who will provide the PSU Project Leader with points of contact for design regulatory requirements, so that the Design Professional can coordinate compliance requirements for the project construction.

[1] **Article 2.1 Compliance of the Form of Agreement 1-P** ; The Professional is responsible for the compliance of the Construction Documents with all applicable permits, laws, regulations, and ordinances of all commissions, agencies and governments, federal, state and local, insofar as they are applicable to, and have jurisdiction over, the Project. The Professional shall make all required submittals with the advance knowledge of the Owner to, and shall obtain all required approvals from, the applicable agency in a timely manner so as not to cause delays to the Project. The Professional shall also attend all hearings/meetings required for securing necessary approvals and permits. The Professional shall be responsible for producing a submission document set for approval by Labor and Industry as required by the Commonwealth of Pennsylvania to obtain the necessary building permit. The Professional shall also be responsible for additional submissions as required by the Labor and Industry Building permit processes and procedures throughout the project design and construction.

Yes	No	Maybe	Activity
			1. **Asbestos** (Mike Burke, Steve Rohrbach (back-up)) a. Was affected space constructed prior to 1990? If yes, contact Mike Burke for existing records or survey coordination.
			b. Does the project involve structural demolition (regardless of construction date)? If yes, contact Steve Rohrbach. NOTE- Construction dates must be confirmed by building plan or acquisition report review, not OPP FIS.
			2. Lead Paint (Mike Burke, Steve Rohrbach (back-up)) a. Was affected space constructed prior to 1978? If yes, paints contain lead, cadmium, and chromium. NOTE- Construction dates must be confirmed by building plan or acquisition report review, not OPP FIS.
			b. Does the project include use of painted brick, CMU or concrete as clean fill? If yes, paints must be tested for lead, cadmium and chromium levels. Contact Mike Burke for testing.
			3. **Storage Tanks** (fuel, chemical, propane) (Lysa Holland) a. Will the project involve storage tank removal?
			b. Will the project include storage tank installation?
			c. Will the project have storage tanks on site during construction?
			4. **Waste Management** (Kevin Myers) a. Will the project involve materials containing fluorescent tubes and ballasts, mercury contaminated materials (particularly old lab areas/drains) lead paint, fluids drained from building equipment?
			5. **PCB Containing Building Materials/ Fluorescent Light Bulbs** (Mike Burke, Steve Rohrbach(back-up)/Kevin Meyers) a. Does project affect window / door / vent, etc. caulk and/or window glazing putties (interior or exterior) on buildings constructed before 1980? If yes, contact Mike Burke for existing records or survey coordination.

Yes	No	Maybe	Activity
			b. Does project affect masonry / roof caulk (interior or exterior) on buildeings constructed before 1980? If yes, contack Mike Burke for existing records or survey coordination.
			c. Does project include masonry façade cleaning or restoration on a building constructed before 1980? If yes, contact Mike Burke.
			d. Does project include removal of fluorescent light ballasts? If yes, see OPP Design Standards, Division 02, Existing Conditions (Kevin Meyers).
			6. **Mercury** (Kevin Myers, Mike Burke, Steve Rohrbach) a. Does project include removal of fluorescent light tubes or bulbs? If yes, see OPP Design Standards, division 02, Existing Conditions (Kevin Meyers).
			b. Does project include renovation of previous or existing lab areas? If yes, contact Mike Burke and Kevin Meyers for more information.
			7. **Radioactive Materials** (Jeff Leavey) a. Will the project take place in an area that had contained or will involve radioactive material?
			8. **Clean Fill** (Steve Weyandt) a. Does the project involve import/export of fill for the project site?
			9. **Dams** (Larry Fennessey) a. Does the project involve a structure that can be classified as a dam due to impoundment, drainage area or height?
			10. **Earth Disturbance** (Steve Weyandt, Frank Raymond, Bill Serencsits) a. Does construction or other activity disturb the surface of the land such as clearing & grubbing, excavation, land development?
			b. Is the disturbance expected to be greater than 5,000 ft^2?
			c. Is the disturbance expected to be greater than 1 acre?

Yes	No	Maybe	Activity
			d. Is the disturbance expected to be greater than 10 acres?
			11. **Sanitary Sewer Modification** (John Gaudlip) a. Does the project involve connections, extension or modification of a sanitary sewer system?
			12. **Stormwater** (Larry Fennessey) a. Will the project involve a land use or cover change (other than agricultural practices strictly related to crop production)?
			13. **Water Obstructions and Encroachments** (Larry Fennessey) a. Will the project involve any structure or activity within a river, stream, or creek?
			14. **Roadway Permits** (Tammy Steiner) a. Will the project include any work within the right-of-way of a road?
			b. Will driveways/road entrances be modified, removed or created as part of the project?
			c. Will the project connect to or modify stormwater drainage systems serving a road?
			15. **Water Supply** (Jim Baird) a. Does the project involve connections, extension or modification of the water supply system?
			b. Does the project involve the development or modification of the water supply, such as a well, spring, or intake from a stream, river, or lake?
			c. Does the project involve the installation or modification of a water treatment system such as chlorination/UV disinfection or softening?
			16. **Natural Gas Systems** (Bill Serencsits) a. Does the project involve the installation, demolition or modification of natural gas systems?

Yes	No	Maybe	Activity
			17. **Spill Prevention** (Lysa Holland, Harry Gebhardt) a. Will the project involve the addition of oil/fuels or hazardous materials in quantities of 55-gallons or more in equipment or containers? Other than in tanks already described in 3(b)
			b. Will the project involve HVAC system hydronic systems (open or closed), such as heating hot water, chilled water, geothermal loops, or condenser water?
			18. **Air Quality** (Steve Weyandt) a. Does the project include installation or removal of fuel-burning equipment (boilers, generators, etc.)?
			b. Does the project include process emissions (paintspray booths, ETO sterilizers, dust, fumes, etc.)?
			c. Will large diesel-powered vehicles load or unload at this building and/or will parking for such vehicles be provided?
			19. **Refrigerants** (Lysa Holland) a. Does the project include demolition of equipment that contains refrigerant (chillers, air conditioners, water coolers, etc.)?
			b. Does the project include the installation of equipment that contains refrigerant (chillers, air conditioners, water coolers, etc.)? 1. If "yes" will it use R717
			20. **Historic Commission** (Shelley Mckeague) a. Does the project include federal or state funding?
			b. Does the project involve significant renovation to a site at or near West Halls, Nittany Lion Inn, Rec Hall, Pattee Library, Sparks, Burrows, Carnegie, Old Botany, Schwab Auditorium, McAlister, Henderson, Henderson South, Hammond, Engineering Units, Sackett, Hintz Alumni Center, Deike, Hosler, Steidle, Willard, Electrical Eng East or West, Reber, West Campus Power Plant, University Club, Old Main, Alpha Zeta, Sigma Nu, Beta Theta Pi , Phi Gamma Delta, Weaver, Armsby, Patterson or the Calorimeter Bldg?
			21. **Other Environmental Concerns** a. Does the project include construction or demolition activities that may raise regulatory issues not addressed above but should be considered? **If yes or maybe, please explain below.**