# INSTITUTIONAL BIOSAFETY COMMITTEE

# SAN JOSÉ STATE UNIVERSITY

# BIOLOGICAL USE AUTHORIZATION APPLICATION

# Attachment D. Environmental Sample Collection

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| Check all that apply: | |
|  | We will be isolating or culturing biohazardous agents from the samples |
|  | We will be collecting samples from locations that may contain human pathogens (e.g., an area with animal waste run-off) |

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| Environmental Sample Information | | | |
| Sample Type | Characterization | | |
| Water | Source (Provide Name of body of water & Location): | | |
| Number of Samples: | Volume per Sample: | Total Volume Collected: |
| Is this body of water prone to closures due to presence of human pathogens? (Y/N):  Is this body of water located near agriculture/farming? (Y/N):  If yes, what type of farm? (i.e., strawberry fields, cattle ranch): | | |
| Describe the:  1. Collection procedures, including materials used to collect samples  2. Transportation of samples (consider containment, disposal, and disinfection procedures)  3. Location of sample analysis  4. Analytical procedures | | |
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| Soil | Source (Provide Location): | | |
| Number of Samples: | Mass per Sample: | Total Mass Collected: |
| Is this site prone to closures due to presence of human pathogens? (Y/N):  Is this site located near agriculture/farming? (Y/N):  If yes, what type of farm? (i.e., strawberry fields, cattle ranch): | | |
| Describe the:  1. Collection procedures, including materials used to collect samples  2. Transportation of samples (consider containment, disposal, and disinfection procedures)  3. Location of sample analysis  4. Analytical procedures | | |
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| Air | Source (Provide Location): | |
| Total Volume/Amount Collected: | Volume/Amount per Sample: |
| Describe the:  1. Collection procedures, including materials used to collect samples  2. Transportation of samples (consider containment, disposal, and disinfection procedures)  3. Location of sample analysis  4. Analytical procedures | |
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| Surface | Source (Location, Surface Type):  Sampling Dimensions:  Is this surface expected to harbor human pathogens? (Y/N): | |
| Describe the:  1. Collection procedures, including materials used to collect samples  2. Transportation of samples (consider containment, disposal, and disinfection procedures)  3. Location of sample analysis  4. Analytical procedures | |
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| N/A | Environmental Sample Expected Microbial Population | | | | | | |
| If there is an expected microbial population in the environmental sample that will be isolated, tested for, or cultured, also complete [**Attachment B**](https://www.sjsu.edu/research/research-compliance/ibc/ibc-bua.php) | | | | | | |
| Sample Type | Source (Location, Item) | Bacteria  expected  (Y/N) | Virus  expected  (Y/N) | Fungi  expected  (Y/N) | Parasites  expected  (Y/N) | If other hazards, list below. | Will these be cultured?  (Y/N) |
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| N/A | Field Locations Describe additional processing of samples in the field. | | | | |
| Location | | Agent/Material | Procedures (e.g., analyses) | Shared facility?  (Y/N) | Proposed BSL |
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