

## **APPENDIX F**

### **POTENTIAL CONTAMINANT SOURCE DATABASES**

## **Regulatory Databases Containing Potential Contaminant Source Information** (see Appendix G for listed Acronyms)

### **Animal Operations Database**

Responsible Agency: Division of Water Quality, Water Quality Section

This database contains permitted facilities for agricultural operations consisting of swine, cattle, poultry and horse farms that are required to have Certified Animal Waste Management Plans. The database includes information on land area used for waste application and numbers of waste lagoons for over 2800 facilities. The database contains latitude and longitude for each facility.

### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

Responsible Agency: Division of Waste Management, Superfund Section

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by the state, municipalities, private companies, and private individuals pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The database contains information on over 130 sites. The database contains latitude and longitude for each facility.

### **Hazardous Waste Facilities**

Responsible Agency: Division of Waste Management, Hazardous Waste Section

This database has records for all hazardous waste TSD's, generators, and transporters as defined by RCRA. The database contains latitude and longitude for over 5200 facilities.

### **Inactive Hazardous Sites**

Responsible Agency: Division of Waste Management, Superfund Section

The database contains information on over 1100 sites with confirmed or suspected hazardous substance contamination. The database contains the physical address for each of the sites.

### **Large On-Site Wastewater Facilities**

Responsible Agency: Division of Environmental Health, On-Site Wastewater Section

This database contains on-site wastewater facilities approved by the state. These facilities are permitted for greater than 3,000 gallons of flow per day or are industrial process wastewater systems. The database contains information on over 1600 systems including the physical addresses for each facility.

**Non Discharge Database**

Responsible Agency: Division of Water Quality, Water Quality Section

The non discharge database identifies industrial and municipal facilities that are permitted to operate any sewer system, treatment works, disposal system, petroleum contaminates soil treatment system, animal waste management system, stormwater management system or residual disposal/utilization system which does not discharge to surface waters of the state, including systems which discharge waste onto or below land surface. The database contains the physical address for over 1,200 permitted facilities.

**NPDES:** National Pollutant Discharge Elimination System

Responsible Agency: Division of Water Quality, Water Quality Section

The NPDES database identifies facilities permitted for the operation of point source discharges to surface waters in accordance with the requirements of Section 402 of the Federal Water Pollution Control Act. The database includes information on the type of waste and the permitted flow of over 1,600 municipal and industrial facilities in the state. The database contains latitude and longitude for each facility.

**NPL:** National Priority List (Superfund)

Responsible Agency: Division of Waste Management, Superfund Section

The NPL is a subset of CERCLIS and identifies sites for priority cleanup under the Superfund Program. The database contains information on approximately 20 sites in North Carolina and the latitude and longitude for each site.

**PADS:** PCB Activity Database System

Responsible Agency: Office of Pollution Prevention and Toxics, EPA

PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB-s. The database contains the physical address for over 110 sites.

**PIRF:** Pollution Incident Reporting Form

Responsible Agency: Division of Water Quality, Groundwater Section

The Groundwater Section maintains the State's incident management database which contains information on all groundwater contamination sites including sites that are handled by other agencies. The database contains an inventory of reported leaking underground storage tank incidents and other ground water and soil contamination incidents. Additionally, groundwater incidents which are not regulated by other agencies and involve pollutants such as those from above ground storage tanks, chemicals, nitrates, pesticides, and other organic and inorganic contaminants are included. The database includes latitude and longitude for over 4400 sites where ground water contamination occurred and the sites are not considered closed.

### **Petroleum Contaminated Soils**

Responsible Agency: Division of Waste Management, UST Section  
Database contains information on 27 permitted, dedicated sites where soil contaminated by leaking petroleum or chemical storage tanks can be taken to remove threats to health and the environment. This is done by allowing air to interact with the contaminants and feed the natural bacteria which assist in breaking down contaminants. The database contains the physical address for each of the permitted facilities.

### **Pre-Sanitary Landfill Dumps**

Responsible Agency: Division of Waste Management, Solid Waste Section  
Database contains an inventory of over 600 sites that are old municipal dumps which were not permitted since they pre-existed the effective date of the permitting rules. These sites are not currently in operation. The database contains latitude and longitude for each facility.

### **SARA Title III Section 312 Database**

Responsible Agency: Division of Pollution Prevention  
Database contains inventory of facilities that store types and amounts of hazardous materials and are subject to the reporting requirements of SARA Title III Section 312, Emergency Planning and Community Right to Know Act. The database contains the physical address for over 6800 sites.

### **Septage Database**

Responsible Agency: Division of Waste Management, Solid Waste Section  
This database contains information on over 160 permitted, dedicated sites where septage is land applied. The septage management program assures that septage (a fluid mixture of untreated and partially treated sewage solids, liquids and sludge of human or domestic origin that is removed from a septic tank system) is managed in a responsible, safe and consistent manner across the state. The database contains latitude and longitude for each facility.

### **Solid Waste Facilities**

Responsible Agency: Division of Waste Management, Solid Waste Section  
The database contains an inventory of permitted and unpermitted solid waste management or disposal facilities. Sites include local government landfills, recycling facilities, transfer stations, scrap tire facilities, construction and land clearing debris facilities. There are over 700 facilities in the database of which over 400 are currently operating. The database contains the physical address for each of the permitted facilities.

### **Stormwater Database**

Responsible Agency: Division of Water Quality, Water Quality Section  
This database contains municipal and industrial facilities that have been issued a stormwater permit. Examples of permitted facilities are vehicle maintenance areas, wood chip mills and mining sites. The database contains latitude and longitude for each of over 3400 facilities.

### **UIC: Underground Injection Control Permit Database**

Responsible Agency: Division of Water Quality, Groundwater Section, UIC Program

The UIC program permits Class V injection wells which do not inject waste into the subsurface. Examples of permitted Class V facilities include heat pump/air conditioning water wells, remediation wells, tracer wells, and experimental technology wells. There are over 200 permitted wells and latitude and longitude are included for over 150. Physical addresses are known for the remaining permitted wells.

**UST:** Petroleum Underground Storage Tank Database

Responsible Agency: Division of Waste Management, UST Section

These facilities are regulated under Subtitle I of the RCRA and must be registered with the state and receive a operating permit annually. The database contains information on over 10,400 facilities with over 98,800 registered active tanks. Over 90 percent of these facilities met the December 22, 1998 deadline for having tanks upgraded with spill and overflow prevention devices. The database contains the physical address for each of the permitted facilities.