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NATIONAL PRIORITIES LIST SITES IN PUERTO RICO

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Summary of Status of NPL Sites in Puerto Rico

1. **Barceloneta Landfill, Florida Afuera, PR**
   Municipal-type landfill in karst geology that has also accepted industrial wastes from nearby pharmaceutical plants. Operated by filling in naturally occurring sinkholes with refuse. Depth to groundwater is more than 100 feet and surrounding communities rely on groundwater for water supply. RI/FS work plan currently being finalized by EPA REM contractor. PRP search underway.

2. **Fibers Public Supply, Jobos, PR**
   Four of five public water supply wells serving the community of Guayama contaminated with halogenated organic solvents since at least 1982. Four wells were shutdown with fifth, clean well, still being used. RI/FS Administrative Order signed in Nov. 1985 with Phillips Petroleum Co. and Chevron Chemical Co. A synthetic fiber manufacturing plant was operated nearby from 1976 through 1980. RI/FS is presently ongoing. In September 1989 an Administrative Order on Consent was signed by American Home Products for additional investigation at the northwest corner of the site.

3. **Frontera Creek, Rio Abajo, PR**
   Creek received industrial discharges from an industrial park. The creek leads out to two large lagoons and then to the Atlantic Ocean. Local residents use the lagoons for fishing and recreation. In March 1985, the Commonwealth requested EPA assistance after discovering that local residents living in a nearby housing development had elevated body mercury levels. The Commonwealth decided to evacuate the community. EPA then conducted soil sampling in the community and after consultation with CDC, concluded that the mercury levels did not represent an immediate and significant health threat. An Administrative Order for an RI/FS was signed with Revlon in September 1986. Further results within the RI conducted by Revlon were made available to the public in February 1989. The RI for the rest of the site, as well as the industrial park, is underway. Preliminary Draft RI submitted to EPA in December 1989.

4. **GE Wiring Devices, Juana Diaz, PR**
   Operating facility on the south coast of the island that had manufactured silent wall switches that contained mercury "buttons." Off-spec buttons were disposed of in the back of the plant. Administrative Order for RI/FS and EPA-selected remedy signed January 1984. ROD signed September 1988. Treatability studies for hydrometallurgic treatment and for in-place solidification underway. Long-term monitoring scheduled to start March 1990.
5. **Juncos Landfill, Juncos, PR**
Municipal-type landfill that also received off-spec mercury thermometers. Becton-Dickinson signed RI/FS Administrative Order in October 1984. Draft RI report submitted April 1988; revised draft RI report submitted June 1989. Additional RI work was found to be necessary and is currently underway. Record of Decision expected by September 1990.

6. **RCA Del Caribe, Barceloneta, PR**
TV picture tube aperture mask manufacturing plant, in operation from 1971 to 1987. Spent ferric chloride solution was discharged to four lagoons. The four lagoons subsequently collapsed into a sinkhole. GE acquired RCA in June 1986, and in April 1988 GE signed an Administrative Order for an RI/FS. In November 1989 field activities were initiated and are presently in progress.

7. **Upjohn Facility, Barceloneta, PR**
Active pharmaceutical plant with an underground storage tank that leaked 15,000 gallons of carbon tetrachloride in 1982. The plume contaminated nearby water supply wells, which Upjohn replaced. Upjohn also performed other remedial activities including replacing the leaking tank, removing carbon tetrachloride vapors from the unsaturated zone of the aquifer, and performed groundwater monitoring activities to help identify the contaminant plume. Upjohn signed an Administrative Order in July 1987 for additional RI activities and submittal of an FS. ROD issued September 1988. RD/RA negotiations proved unsuccessful; EPA issued a Unilateral Administrative Order in March 1989. Upjohn indicated willingness to comply with this order on April 19, 1989. EPA provided comments on Sampling, Analysis and Monitoring Plan. Addendum to SAMP currently under review.

8. **Vega Alta Public Supply Wells, Vega Alta, PR**
Public water supply wellfield with 11 active and 4 inactive wells supplying 5 MGD to the Vega Alta community. Hazardous substances first detected in 1984. RI/FS conducted by EPA REM contractor with ROD signed in September 1987. RI identified facilities in the Vega Alta industrial park as sources of the contamination. Four industrial PRPs, as well as the Commonwealth (as landowner of the industrial park) were identified. EPA negotiated with the PRPs for 11 months resulting in the issuance of a Unilateral Order for RD/RA in September 1988. Subsequently, the Commonwealth decided that the remedy should be modified. Therefore, EPA issued a revised Unilateral Order in March 1989. The PRPs responded on April 27, 1989 that they would comply with the order and have submitted a Sampling, Analysis and Monitoring Plan, which is currently under review.
9. Naval Security Group, Sabana Seca, PR
Communications station on the north coast of Puerto Rico approximately 11 miles west of San Juan. The station encompasses over 2200 acres of territory. Waste materials disposed of include points, solvents, waste oil and battery acid. The Station is participating in the Department of Defense Installation Restoration Program under which DOD identifies and investigates hazardous waste contaminants, we have targeted this site for completion of an Interagency Agreement under Section 120 of SARA in the second quarter of FY'90.

Summary of Status of Non-NPL Sites in Puerto Rico

1. Pozuelo Dock Site, Guayama, PR
Commonwealth-owned dock facility used as a port for loading and unloading of scrap metal, soda ash, and other materials. In 1985 the site became contaminated with metallic mercury due to an accidental spill. The PRP initiated cleanup under a state enforcement order. The cleanup operation was unsatisfactory. Due to difficulties in litigating with the PRP, the EQB requested that EPA assume the Removal/Enforcement lead. EPA has contacted the PRP and is in the process of negotiating an Administrative Order on Consent.

2. Davis & Geck Site, Manati, PR
A pharmaceutical manufacturing plant experienced several releases of an unknown amount of Xylene. The spilled material remains in the soil. Several public and private water supply wells are located within a one-mile radius of the facility. An administrative order was issued by EPA for a mini RI/FS and cleanup. EPA is reviewing the Study Work Plan and the PRP is expected to initiate full field investigation early in the third quarter of FY '90.