

ACTION PLAN TO MODEL SOLUTIONS TO ADDRESS SERIOUS ENVIRONMENTAL PROBLEMS
Resolution No. 1990-5-
May 15, 1990

A. Responses to Global Warming Trend

1. Eliminate use of styrofoam products by park employees, concessionaires and special event suppliers using regional parklands.
2. Down-size vehicles for more fuel efficient economy where feasible.
3. Where possible, eliminate use of all CFS products including aerosol sprays containing other ingredients that impact the protective layer of ozone surrounding the earth.
4. Plant approximately 1,000 site native trees annually (in addition to those planted as a result of capital projects) within developed picnic, meadows, recreation and staging areas.
5. Carefully manage air conditioning and refrigeration equipment, where possible eliminating Freon-based coolants using equipment that does not result in product releases that could impact the ozone layer of the earth.
6. Recycle waste paper products at offices, maintenance areas and parklands to reduce the need to harvest trees to make new products. Print on both sides of paper on all reports. Use recycled paper.
7. Develop interpretive materials for use by District naturalists in school, group and public sessions on the seriousness of the global warming trend, pollution trend, and trend of diminishing species diversity, along with recommendations for appropriate steps that private individuals can take to assist in slowing these warming trends.
8. Develop a plan to reduce mileage driven and fuel consumption after fleet is up to standard (hopefully, 1991). Develop realistic goals for each department in the District.
9. Save significant fuel and time costs by eliminating paycheck deliveries and use direct deposit or mail checks to employees at their homes.
10. Decrease our dependence on use of redwood in the construction of drinking fountains, valve boxes, picnic tables, fences, etc.
11. Install fiberglass insulation in all accessible attic spaces of heated offices, residences, and work shops to reduce gas and electrical costs.
12. Establish written District standards for all facilities setting

reasonable levels for lighting, heating and air conditioning at District facilities to achieve energy conservation of power and gas resources. Plant deciduous shade trees on the south side of buildings which require air conditioning during the summer months. Use the new energy efficient light bulbs to reduce consumption of electricity.

13. Develop an incentive for employee car pooling at the new main office and consider establishing a shuttle service to BART.
14. Continue to monitor the feasibility of participating in alternative vehicle fuel program (on a test basis), possibly at the new District headquarters or at Tilden Park.

B. Responses to Pollution of Land, Air and Water

1. Reduce use of plastic products throughout the District that currently end up in landfill sites within the region, emphasizing substitute use of paper, wood, or other biodegradable materials. Develop alternatives to the use of shrink wrap and plastic packaging at Central Stores, by the time the current supply is exhausted.
2. Operate an effective District-wide recycling program using a variety of recycling techniques within individual parks and office sites, i.e., igloos, EBCC recycle programs, etc. Expand headquarters recycling effort to field units, organize phone book recycling District-wide, and use recycled paper when ordering new stock.
3. Insure that underground fuel tanks do not leak, replacing any defective equipment in accord with new State and Federal guidelines. Where appropriate, convert to the new style of above-ground tanks for safe containment of petroleum products.
4. Maintain a District-wide toxic and pollution monitoring and clean-up program, along with a program for quick response to any toxic spills that involve regional parklands.
5. Where feasible, eliminate septic tanks that have the potential for impacting adjacent natural water resources, using municipal sewers, holding tanks, or package self-contained sewage systems.
6. Recycle waste oil and toxic automobile products and materials to insure that they do not add to pollution of the environment.
7. Eliminate use of wood preservatives or other toxic agents in building and construction materials used on regional parklands:

- a. Stop using wood preservatives containing copper naphthenate.
 - b. Develop and use alternate solutions to use of pressure-treated woods.
 - c. Discontinue use of creosote ties and develop a strategy to remove all ties currently used on District property by year 2000.
8. Maintain and improve the District's current IPM and MSDS programs to reduce the release of toxics into the park environment, as well as reduce worker and park visitor exposures.
 9. Use all reasonable means for cutting back on the paper stream at the District:
 - a. Implement an electronic mail system for management and field units with computers.
 - b. Use small copy machines in the field units to eliminate the need to travel to a "central" copy facility.
 - c. Explore use of fax systems to eliminate delivery costs.
 - d. Develop a paper stream reduction strategy for the headquarters operation at Peralta Oaks.
 10. Eliminate or reduce the use of petroleum-based inks, paints and stains in signs, building maintenance, and graphic materials throughout the District.
 11. Explore the possibility of alternatives for non-biodegradable plastic garbage bags for lining garbage cans and park clean-up use.
 12. Install vapor recovery systems on all District gas pumps.
 13. Commission a small employee task force in O&I to develop recommendations for minimizing our waste stream and for substitution of more ecologically sound products when alternatives are available for regularly purchased items.
 14. Eliminate use of paper coffee cups at all offices and shops by having employees bring and use a personal mug or cup; each department to have a small number of mugs for guests.
 15. Develop a specific creek restoration plan for the District. Identify and correct all unnatural sources of erosion affecting creeks and lakes in our parks.
 16. Establish a regular series of columns in the LOG on practical "planet saving" ideas for individuals to implement at home.
 17. Develop an Ordinance #38 section covering prohibitions for use of certain products in the parks:

- a. Eliminate group release of helium balloons.
 - b. Eliminate use of styrofoam products, plastic 6-ring can holders.
 - c. Eliminate disposal of monofilament fishing line on District lands.
18. Consider spot monitoring of several parklands for acid rain impacts.
 19. Buy and use only phosphate-free, biodegradable soaps and detergents.
 20. Use low-flush or air-assisted toilets on all new installations.

C. Responses to Diminishing Species Diversity

1. Identify and protect rare and threatened species found within regional parklands.
2. Cooperate with other environmental and wildlife organizations in protecting rare and endangered species found within Alameda and Contra Costa Counties.
3. Continue the Botanic Garden's successful program of growing, protecting, and eventually re-stocking threatened California native plants.
4. Develop specific interpretive programs and appropriate special events to highlight the importance of preserving rare and endangered species within Alameda and Contra Costa Counties.
5. Develop a written five-year program of habitat enhancement and restoration for appropriate rare and endangered animal and plant species at selected regional parks.
6. Co-develop (with the University of California) an Eco-system Research Facility in Claremont Canyon to obtain information about scientifically based strategies for restoring and managing the District's rare and endangered plants and animals as well as its natural lands.
7. Develop an aggressive feral animal trapping and removal practice in all park units to assist native animals in surviving in the urban environment.
8. Have Central Stores stock native grasses and wildflowers for use in erosion control and seeding of bare soil.

Resolution No. 1990-5-
May 15, 1990
Page 5

9. Consider making in-kind contributions to animal rehabilitation centers who accept rare and threatened animals or animals injured on District lands.

R19905.JK6