

HEALTH & HUMAN SERVICES

MUNICIPALITY OF ANCHORAGE
HEALTH AND HUMAN SERVICES

Department Goal:

The 1991-1996 Health and Human Services (HHS) projects reflect a goal of obtaining modern facilities and equipment which will facilitate effective and efficient service to clients and the public. State-of-the-art equipment for sanitation, air and water quality programs will make possible improved monitoring and faster development of workable solutions to contamination and pollution problems.

Communications: Trunked Radio System:

The department proposes to replace the antiquated and trouble-prone radio equipment used by the Environmental Services staff, and to acquire hand-held radios for Public Health Nurses who make home visits. The new equipment would improve staff efficiency and security during field work.

Environmental Sanitation:

The sanitarians in the department are responsible for protecting public health through permitting and inspection of more than 1000 food retail, wholesale, institutional, and processing facilities. The proposed microbiology lab would enable staff to study the relationships and between levels of contaminating organisms and faulty procedures and equipment, and would support investigation and resolution of foodborne illness outbreaks. The lab would, in addition, facilitate rapid analyses for resolution of a variety of parasitic, pest and pollution problems encountered in the Environmental Services programs. The department would not have to rely on the insufficient capabilities of non-municipal laboratories.

Water Quality:

Purchase of a step van for field use would support the water quality monitoring program. Use of the vehicle for such tasks as measurement of field parameters and lab sample preparation would increase staff efficiency.

MUNICIPALITY OF ANCHORAGE
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Air Quality:

Two items are proposed for air quality monitoring, a portable air monitoring shelter and a beta gauge. The former would facilitate carbon monoxide monitoring by housing monitoring equipment which is periodically relocated. The beta gauge is a device for collecting and measuring airborne particulates. Measurement results would be produced more quickly than is possible with current equipment.

Included in the air quality category are two equipment purchases proposed for the Vehicle emissions gas analyzer incorporating the most advanced available technology would be purchased and evaluated for possible use by all inspection stations. In addition, the new machine would increase referee facility capabilities for diagnosing emissions problems. The proposed dynamometer would also enhance the accuracy and productivity of the referee facility in testing vehicles and resolving disputed tests done by private garages.

1991-1996 CAPITAL IMPROVEMENT PROGRAM
HEALTH AND HUMAN SERVICES
PRIORITY LIST

YEAR	TITLE	CATEGORY	DEPT PRTY	TOTAL FUNDING REQUEST
1991	TRUNKED RADIO SYSTEM	RS	1	68
1991	BETA GAUGE	AM	2	20
1991	SKIF PROGRAM (SCHOOL KIDS AND FISH)	SM	3	200
1991	MICROBIOLOGY LABORATORY	ML	4	175
1991	EMISSIONS ANALYZER	AM	5	20
1991	FIELD VAN	SM	6	35
1991	DYNAMOMETER	AM	7	22
1991	PORTABLE AIR MONITORING SHELTER	AM	8	16
				556

END OF REPORT

CATEGORY KEY: SM = Stream/Creek Monitoring
AM = Air Monitoring
ML = Microbiology Lab
RS = Radio System

Assembly Revision 12/18/90

**MUNICIPALITY OF ANCHORAGE
1991 CAPITAL IMPROVEMENT BUDGET**

Department Health & Human Services	1991 PROJECT COST (000's)		Program Air Monitoring	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank		O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
			DEBT SERVICE (000's)	
<p>DYNAMOMETER Buy a dynamometer for loaded mode vehicle emissions testing. This machine makes possible more accurate (than idle tests) measurement of CO and other exhaust gas emissions under actual driving conditions. The machine would be used by the referee contractor to test exceptional cars, to improve emissions problem diagnosis and to resolve disputed private garage tests.</p> <p>PORTABLE AIR MONITORING SHELTER Fully enclosed, insulated, camper-type trailer on wheels used to house carbon monoxide equipment at major traffic intersections. This mobile unit will give flexibility and facilitate housing on-site monitoring equipment.</p>	S=	22	1.5 0.0	Areawide (All)
	S=	16	0.6 0.0	Areawide (All)
				1991

**MUNICIPALITY OF ANCHORAGE
1991 CAPITAL IMPROVEMENT BUDGET**

Department Health & Human Services	1991 PROJECT COST (000's)	Program Air Monitoring	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
Sub-Total(s)	S= 78		
Program Total	78	4.6 0.0	
			1991

**MUNICIPALITY OF ANCHORAGE
1991 CAPITAL IMPROVEMENT BUDGET**

Department Health & Human Services	1991 PROJECT COST (000's)	Program Microbiology Lab	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
		DEBT SERVICE (000's)	
<p>MICROBIOLOGY LABORATORY The Environmental Sanitation Program has the responsibility to ensure that the food provided by over 1,000 facilities is of high quality so as to minimize the potential of foodborne illnesses, and investigate facilities implicated in foodborne disease outbreaks and other health situations. However, the department does not have a microbiological lab and must depend on other facilities located outside Anchorage which, because of other priorities, can provide only a minimal level of support. Funding is required to purchase equipment for a lab that will be established in the department's present spaces. The equipment includes such items as incubators, balances, water baths, sterilizers, refrigerators, freezers, centrifuges, and other basic units required to provide 1) a food microbiology monitoring program, 2) facilities for foodborne disease investigations, and 3) a lab in which to evaluate a wide variety of other health problems.</p>	S= 175	87.0 0.0	Areawide (All)
			1991

**MUNICIPALITY OF ANCHORAGE
1991 CAPITAL IMPROVEMENT BUDGET**

Department Health & Human Services	1991 PROJECT COST (000's)	Program Microbiology Lab	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
		DEBT SERVICE (000's)	
Sub-Total(s)	S= 175		
Program Total	175	87.0 0.0	
			1991

**MUNICIPALITY OF ANCHORAGE
1991 CAPITAL IMPROVEMENT BUDGET**

Department Health & Human Services	1991 PROJECT COST (000's)	Program Stream/Creek Monitoring	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
		DEBT SERVICE (000's)	
SKIF PROGRAM (SCHOOL KIDS AND FISH) The goal of this program is to improve the water quality of local streams while providing learning opportunities for school children to participate in the process. The childrens participation will occur through "hands on" activities such as water quality sampling, stream data collection, and habitat improvement projects. Rearing salmon from live eggs in classroom aquaria and the release of fish into local waterways are examples of the types of activities envisioned.	S= 200		Areawide (All)
			1991

**MUNICIPALITY OF ANCHORAGE
1991 CAPITAL IMPROVEMENT BUDGET**

Department Health & Human Services	1991 PROJECT COST (000's)		Program Stream/Creek Monitoring	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank		O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
			DEBT SERVICE (000's)	
FIELD VAN Purchase a step-van for field use by Water Quality staff. The vehicle will support on-going water stream and lake monitoring as well as investigation of pollution complaints and spills. The van will enable staff to spend more time in the field. Tasks to be performed in the van include: measurement of field parameters (e.g. pH, conductivity, temperature, turbidity); filtering of metal samples; bottle labeling and other lab preparation; computer input of field parameter data; storage of field reference materials. New equipment in this acquisition includes a portable personal computer, counters and cabinets, a sink with a grey water tank, and sample buckets.	S=	35	8.2 0.0	Areawide (All)
			1991	

**MUNICIPALITY OF ANCHORAGE
1991 CAPITAL IMPROVEMENT BUDGET**

Department	1991 PROJECT COST (000's)	Program	
PROJECT TITLE AND DESCRIPTION		O&M COST (000's)	Stream/Creek Monitoring
		DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY
Health & Human Services			
Sub-Total(s)	S= 235		
Program Total	235	8.2 0.0	
XX	XXXXXXXXXX	XXXXXXXXXX	XX
Sub-Total(s)	S= 556		
Total for Health & Human Services	556	104.8 0.0	
			1991

MUNICIPALITY OF ANCHORAGE
1991 - 1996 CAPITAL IMPROVEMENT PROGRAM

Department	Program					
Health & Human Services	Air Monitoring					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1991	1992	1993	1994	1995	1996
<p>BETA GAUGE Buy a beta gauge to perform measurement of airborne particulates. The advantage of this unit over current equipment is that results would be available within 1-2 hours of sample collection. Presently, samples must be taken to the air lab for measurement; results are not available for a day.</p>	S= 20					
<p>EMISSIONS ANALYZER Purchase a new vehicle emissions gas analyzer which meets BAR90 requirements. This would replace the current "BAR84" analyzer available to the I/M Program Administrator. Advantages of the new machine include auto identification and diagnosis capabilities. Municipal staff need the new machine to analyze it for possible use by private I/M stations. Also, the diagnostic capability will increase referee contractor efficiency.</p>	S= 20					
				1991 - 1996		

MUNICIPALITY OF ANCHORAGE
1991 - 1996 CAPITAL IMPROVEMENT PROGRAM

Department Health & Human Services	Program Air Monitoring					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1991	1992	1993	1994	1995	1996
<p>DYNAMOMETER Buy a dynamometer for loaded mode vehicle emissions testing. This machine makes possible more accurate (than idle tests) measurement of CO and other exhaust gas emissions under actual driving conditions. The machine would be used by the referee contractor to test exceptional cars, to improve emissions problem diagnosis and to resolve disputed private garage tests.</p> <p>PORTABLE AIR MONITORING SHELTER Fully enclosed, insulated, camper-type trailer on wheels used to house carbon monoxide equipment at major traffic intersections. This mobile unit will give flexibility and facilitate housing on-site monitoring equipment.</p>	<p>S= 22</p> <p>S= 16</p>					
				1991 - 1996		

MUNICIPALITY OF ANCHORAGE
1991 - 1996 CAPITAL IMPROVEMENT PROGRAM

Department Health & Human Services	Program Air Monitoring					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1991	1992	1993	1994	1995	1996
Sub-Total(s)	S= 78					
Program Total	78	0	0	0	0	0
				1991 - 1996		

MUNICIPALITY OF ANCHORAGE
1991 - 1996 CAPITAL IMPROVEMENT PROGRAM

Department Health & Human Services	Program Microbiology Lab					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1991	1992	1993	1994	1995	1996
<p>MICROBIOLOGY LABORATORY The Environmental Sanitation Program has the responsibility to ensure that the food provided by over 1,000 facilities is of high quality so as to minimize the potential of foodborne illnesses, and investigate facilities implicated in foodborne disease outbreaks and other health situations. However, the department does not have a microbiological lab and must depend on other facilities located outside Anchorage which, because of other priorities, can provide only a minimal level of support. Funding is required to purchase equipment for a lab that will be established in the department's present spaces. The equipment includes such items as incubators, balances, water baths, sterilizers, refrigerators, freezers, centrifuges, and other basic units required to provide</p> <ol style="list-style-type: none"> 1) a food microbiology monitoring program, 2) facilities for foodborne disease investigations, and 3) a lab in which to evaluate a wide variety of other health problems. 	S= 175					
				1991 - 1996		

MUNICIPALITY OF ANCHORAGE
1991 - 1996 CAPITAL IMPROVEMENT PROGRAM

Department	Program					
Health & Human Services	Microbiology Lab					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1991	1992	1993	1994	1995	1996
Sub-Total(s)	S= 175					
Program Total	175	0	0	0	0	0
				1991 - 1996		

MUNICIPALITY OF ANCHORAGE
1991 - 1996 CAPITAL IMPROVEMENT PROGRAM

Department Health & Human Services	Program Radio System					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1991	1992	1993	1994	1995	1996
<p>TRUNKED RADIO SYSTEM Replaces the radios in the Environmental Services Division vehicles and equips Public Health Nurses in the Community Health Division with a means of emergency communication.</p> <p>-----</p>	<p>S= 68</p> <p>-----</p>					
<p>Sub-Total(s)</p>	<p>S= 68</p>					
<p>Program Total</p>	<p>68</p>	<p>0</p>	<p>0</p>	<p>0</p>	<p>0</p>	<p>0</p>
				1991 - 1996		

MUNICIPALITY OF ANCHORAGE
1991 - 1996 CAPITAL IMPROVEMENT PROGRAM

Department Health & Human Services	Program Stream/Creek Monitoring					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1991	1992	1993	1994	1995	1996
<p>SKIF PROGRAM (SCHOOL KIDS AND FISH) The goal of this program is to improve the water quality of local streams while providing learning opportunities for school children to participate in the process. The childrens participation will occur through "hands on" activities such as water quality sampling, stream data collection, and habitat improvement projects. Rearing salmon from live eggs in classroom aquaria and the release of fish into local waterways are examples of the types of activities envisioned.</p>	S= 200					
				1991 - 1996		

MUNICIPALITY OF ANCHORAGE
1991 - 1996 CAPITAL IMPROVEMENT PROGRAM

Department Health & Human Services	Program Stream/Creek Monitoring					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1991	1992	1993	1994	1995	1996
<p>FIELD VAN Purchase a step-van for field use by Water Quality staff. The vehicle will support on-going water stream and lake monitoring as well as investigation of pollution complaints and spills. The van will enable staff to spend more time in the field. Tasks to be performed in the van include: measurement of field parameters (e.g. pH, conductivity, temperature, turbidity); filtering of metal samples; bottle labeling and other lab preparation; computer input of field parameter data; storage of field reference materials. New equipment in this acquisition includes a portable personal computer, counters and cabinets, a sink with a grey water tank, and sample buckets.</p>	S= 35					
				1991 - 1996		

MUNICIPALITY OF ANCHORAGE
1991 - 1996 CAPITAL IMPROVEMENT PROGRAM

Department	Program					
Health & Human Services	Stream/Creek Monitoring					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1991	1992	1993	1994	1995	1996
Sub-Total(s)	S= 235					
Program Total	235	0	0	0	0	0
*****	*****	*****	*****	*****	*****	*****
Sub-Total(s)	S= 556					
Total for Health & Human Services	556	0	0	0	0	0
				1991 - 1996		