

## APPENDIX A LIST OF ACRONYMS

AGS	Alternating Gradient Synchrotron	HWMG	Hazardous Waste Management Group
AOC	Area of Concern	IAG	Interagency Agreement
ASL	Analytical Services Laboratory	LEPC	Local Emergency Planning Committee
AUI	Associated Universities Inc.	LINAC	Linear Accelerator
BETX	Benzene Ethylbenzene Toluene Xylene	MDL	Minimum Detection Limit
BHG	Brookhaven Group (DOE)	MLD	Million Liters per Day
BLIP	Brookhaven LINAC Isotope Producer	MPF	Major Petroleum Facility
BMRR	Brookhaven Medical Research Reactor	MRC	Medical Research Center
BNL	Brookhaven National Laboratory	NA	Not Analyzed
BSA	Brookhaven Science Associates	NPDES	National Pollutant Discharge Elimination System
BOD <sub>5</sub>	Biochemical Oxygen Demand	ND	Not Detected
CAA	Clean Air Act	NEPA	National Environmental Policy Act
CBS	Chemical Bulk Storage	NESHAPS	National Emission Standards for Hazardous Air Pollutants
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act	NIST	National Institute for Standards and Technology
CH	Chicago	NPL	National Priority List
CO	Certificate to Operate	NR	Not Reported
CSF	Central Steam Facility	NS	Not Sampled
CY	Calendar Year	NSLS	National Synchrotron Light Source
CWA	Clean Water Act	NYCRR	New York Code of Rules and Regulations
DAS	Department of Applied Science	NYS	New York State
DAT	Department of Advanced Technology	NYS AWQS	New York State Ambient Water Quality Standard
DCA	Dichloroethane	NYSDEC	New York State Department of Environmental Conservation
DCE	Dichloroethylene	NYSDOH	New York State Department of Health
DCG	Derived Concentration Guide	NYSDOT	New York State Department of Transportation
DMR	Discharge Monitoring Report	NYS DWS	New York State Drinking Water Standard
DOE	Department of Energy	OER	Office of Environmental Restoration
DOT	Department of Transportation	OU	Operable Unit
ECL	Environmental Conservation Law	PCB	Polychlorinated biphenyls
EDB	Ethylene Dibromide	PCE	Tetrachloroethylene
EM	Environmental Monitoring	PC	Permit to Construct
EMG	Environmental Monitoring Group	P&GA	Photography and Graphic Arts
EML	Environment Measurements Laboratory	PE	Plant Engineering
EMS	Environmental Management Section	POC	Principal Organic Compound
EMSL-LV	Environmental Measurements Systems Laboratory - Las Vegas	PVC	Polyvinyl Chloride
EP	Environmental Protection	QA	Quality Assurance
EPA	Environmental Protection Agency	RACT	Reasonable Available Control Technology
EPO	Environmental Protection Office	RCRA	Resource Conservation and Recovery Act
ERD	Environmental Restoration Division	RI/FS	Remedial Investigation/Feasibility Study
ES&H	Environmental, Safety, and Health Services	RHIC	Relativistic Heavy Ion Collider
HFBR	High Flux Beam Reactor	RSD	Response Strategy Document
HWMA	Hazardous Waste Management Area		
HWMF	Hazardous Waste Management Facility		

SAG	Sampling and Analysis Group	SPDES	State Pollutant Discharge Elimination System
SARA	Superfund Amendments and Reauthorization Act	STP	Sewage Treatment Plant
SCDHS	Suffolk County Department of Health Services	TCA	1,1,1-Trichloroethane
SCWA	Suffolk County Water Authority	TCE	Trichloroethylene
SDWA	Safe Drinking Water Act	TCLP	Toxic Characteristic Leachate Procedure
SEAPP	Safety and Environmental Administrative Policy and Procedures Manual	TLD	Thermoluminescent Dosimeters
S&EP	Safety and Environmental Protection	TSCA	Toxic Substance Control Act
SER	Site Environmental Report	TSS	Total Suspended Solids
SERC	(New York) State Emergency Response Committee	TVOCs	Total Volatile Organic Compounds
S&M	Supply and Materiel	VOC	Volatile Organic Compound
SOC	Synthetic Organic Compound	WCF	Waste Concentration Facility
SOP	Standard Operating Procedures	WMD	Waste Management Division
SPCC	Spill Prevention Control and Counter measures	WSRRSA	Wild, Scenic, and Recreational River Systems Act
		WTP	Water Treatment Plant

## LIST OF UNITS

Bq	Becquerel	mCi	millicurie
Bq/L	Becquerel per liter	MeV	Mega electron volt
Bq/M <sup>3</sup>	Becquerel per cubic meter	mg/L	Milligram per liter
°C	Degrees Centigrade	ml	Milliliter
cc	Cubic centimeter	MLD	Million liters per day
Ci	Curie	mrem	Millirem
CiMW <sup>-1</sup> h <sup>-1</sup>	Curie per megawatt hour	mrem/yr	Millirem per year
cm	Centimeter	mSv	milliseivert
cm <sup>3</sup>	Cubic centimeter	mSv/yr	milliseivert/year
cm/d	Centimeters per day	MW	Megawatts
m <sup>3</sup> /min	cubic meters per minute	nCi/L	Nanocuries per liter
d	Day	pCi/kg	Picocuries per kilogram
gal	Gallon	pCi/L	Picocuries per liter
GBq	Giga Becquerel	pCi/m <sup>3</sup>	Picocuries per cubic meter
GeV	Giga electron volt	pH	Hydrogen ion concentration
GeV/amu	Giga electron volt per atomic mass unit	rem	Roentgen equivalent man (Unit of radiation dose equivalent)
gph	Gallon per hour	Sv	Sievert
ha	Hectare	TBq	Tera Becquerel
kg/yr	Kilogram per year	μCi	Microcuries
km	Kilometer	μCi/L	Microcuries per liter
L/d	Liters per day	μg/L	Micrograms per liter
m	Meter		