

A	
Absecon Creek, South Branch, near Pomona	330
Acid neutralizing capacity, definition of	44
Acre-foot, definition of	44
Adenosine triphosphate, definition of	44
Adjusted discharge, definition of	45
Algae,	
Blue-green, definition of	46
Fire, definition of	50
Green, definition of	51
Algal growth potential, definition of	45
Alkalinity, definition of	45
Allendale, Valentine Brook at	193
Allentown, Doctors Creek at	459
Annaricken Brook near Jobstown	468
Annual runoff, definition of	45
Annual 7-day minimum, definition of	45
Aquifer	
Confined, definition of	47
Unconfined, definition of	62
Water-table, definition of	62
Aroclor, definition of	45
Artificial substrate, definition of	45
Ash mass, definition of	45
Aspect, definition of	45
Assunpink Creek at Edinburg	444
Assunpink Creek at Peace Street, at Trenton	450
Atsion, Mullica River at outlet of Atsion Lake, at	310
B	
Babcock Creek near Mays Landing	342
Bacons Creek near Mansfield Square	463
Bacteria, definition of	45
Enterococcus, definition of	49
<i>Escherichia coli</i> , definition of	49
Fecal coliform, definition of	50
Fecal streptococcal, definition of	50
Total coliform, definition of	61
Bankfull stage, definition of	45
Baptistown, Lockatong Creek at Route 12, at	416
Base discharge, definition of	45
Base flow, definition of	46
Bass River, East Branch, near New Gretna	328
Batsto River at Batsto	320
Bear Brook at Cranbury Road, at Princeton Junction	250
Bear Brook at Dark Moon Road, near Johnsonburg	382
Beaver Brook at Rockaway	119
Beaver Dam Brook at Ryerson Road, at Lincoln Park	150
Bed material, definition of	46
Bedload, definition of	46
Bedload discharge, definition of	46
Belvidere, Pequest River at	386
Benthic organisms, definition of	46
Big Timber Creek, North Branch, at Glendora	512
Biochemical oxygen demand, definition of	46
Biomass, definition of	46
Biomass pigment ratio, definition of	46
Blacks Creek at Chesterfield	461
Blacks Creek at Fieldsboro	464
Blackwells Mills, Millstone River at	257
Blairstown, Paulins Kill at	380
Blue Anchor Brook at Elm	312
Blue-green algae, definition of	46
Bottom material, definition of	46
Bound Brook at Middlesex	265
Bound Brook at Route 28, at Middlesex	263
Bound Brook, Raritan River at Queens Bridge, at	259
Browns Mills, Ong Run at	486
Bulk electrical conductivity, definition of	46
Burnt Mills, Lamington River at	243
Burrs Mill Brook, South Branch, near Hedger House	472
C	
Canadian Geodetic Vertical Datum 1928, definition of	46
Cecil, Hospitality Branch at Blue Bell Road, near	338
Cedar Brook at Columbia Road, at Hammonton	314
Cedar Creek at Cedar Crest	305
Cedar Crest, Cedar Creek at	305
Cell volume, definition of	46
Cells/volume, definition of	47
Cfs-day, definition of	47
Chairville, Little Creek at	484
Channel bars, definition of	47
Chemical oxygen demand, definition of	47
Chester, PA, Delaware River at	524
Chesterfield, Blacks Creek at	461
Chloride Distribution in Major Artesian Aquifers of the	
New Jersey Coastal Plain Special-Study Site	660
<i>Clostridium perfringens</i> , definition of	47
Clove Brook tributary at Rose Morrow Road, near	
Colesville	84
Cohansey River at Seely	367
Coles Brook at Hackensack	106
Colesville, Clove Brook tributary at Rose Morrow Road,	
near	84
Coliphages, definition of	47
Color unit, definition of	47
Conductivity, definition of	58
Confined Aquifer Flow and Chemistry: Piney Point and	
Basal Kirkwood Sands Special-Study Site	604
Confined aquifer, definition of	47
Contents, definition of	47
Continuous-record station, definition of	47
Control, definition of	47
Control structure, definition of	47
Cookstown, South Run near	452
Cooper River at Haddonfield	498
Copper Creek near Frenchtown	405
Crosswicks Creek at Groveville Road, at Groveville	457
Cubic foot per second, definition of	47
Cubic foot per second-day, definition of	48
Cubic foot per second per square mile, definition of	48
D	
Daily mean suspended-sediment concentration, definition	

of	48
Daily record station, definition of	48
Data collection platform, definition of	48
Data logger, definition of	48
Datum, definition of	48
Dead River near Millington	112
Delaware River at Benjamin Franklin Bridge, at Philadelphia, PA	500
Delaware River at Chester, PA	524
Delaware River at Lumberville, PA	420
Delaware River at Montague	369
Delaware River at Portland, PA	377
Delaware River at Reedy Island Jetty, DE	541
Delaware River at Riegelsville	397
Delaware River at Trenton	422
Delaware River below Tohickon Creek, at Point Pleasant, PA	409
Diatoms, definition of	48
Diel, definition of	48
Discharge, definition of	48
Dissolved, definition of	48
Dissolved oxygen, definition of	48
Dissolved solids concentration, definition of	49
Diversity index, definition of	49
Doctors Creek at Allentown	459
Dorotockeys Run at Harrington Park	102
Double Kill at Wawayanda	91
Drainage area, definition of	49
Drainage basin, definition of	49
Dry mass, definition of	49
Dry weight, definition of	49
Dunnfield Creek at Dunnfield	373
Dunnfield, Dunnfield Creek at	373
E	
Earle, Mingamahone Brook near	290
East Branch Bass River near New Gretna	328
Edinburg, Assunpink Creek at	444
Elm, Blue Anchor Brook at	312
Elwood, Indian Cabin Creek at Fifth Avenue, near	322
Embeddedness, definition of	49
Englishtown, McGellaids Brook at	272
Enterococcus bacteria, definition of	49
EPT Index, definition of	49
<i>Escherichia coli</i> (<i>E. coli</i>), definition of	49
Estimated (E) value, definition of	50
Euglenoids, definition of	50
Extractable organic halides, definition of	50
F	
Fecal coliform bacteria, definition of	50
Fecal streptococcal bacteria, definition of	50
Fieldsboro, Blacks Creek at	464
Fire algae, definition of	50
Fishing Creek at Rio Grande	344
Flat Brook near Flatbrookville	371
Flatbrookville, Flat Brook near	371
Flow, definition of	48
Flow-duration percentiles, definition of	50
French Creek near Phoenixville, PA	514
Frenchtown, Copper Creek near	405
Frenchtown, Nishisakawick Creek near	403
Furmans Brook at Furmans Corner	228
Furmans Corner, Furmans Brook at	228
G	
Gage datum, definition of	50
Gage height, definition of	50
Gage values, definition of	51
Gaging station, definition of	51
Gas chromatography/flame ionization detector, definition of	51
Geomorphic channel units, definition of	51
Glen Gardner, Spruce Run near	215
Glendora, North Branch Big Timber Creek at	512
Gravelly Run at Laurel Lake	358
Great Egg Harbor River at Weymouth	340
Green algae, definition of	51
Green Brook near West Milford	131
Greenwood Branch at New Lisbon	494
Grovers Mill, Millstone River near	248
Groveville, Crosswicks Creek at Groveville Road, at	457
H	
Habitat, definition of	51
Habitat quality index, definition of	51
Hackensack River at Rivervale	100
Hackensack, Coles Brook at	106
Haddonfield, Cooper River at	498
Hammonton Creek at Wescoatville	318
Hammonton, Cedar Brook at Columbia Road, at	314
Hardness, definition of	51
Harihokake Creek at Hartpence Road, near Mount Pleasant	399
Harrington Park, Dorotockeys Run at	102
Hastings-on-Hudson, Hudson River south of	96
Haystack Brook near Southard	294
Heathcote Brook at Kingston	255
Hedger House, South Branch Burrs Mill Brook near	472
High tide, definition of	51
Hilsenhoff's Biotic Index, definition of	51
Holmdel, Hop Brook at Willow Brook Road near	278
Honey Run near Hope	385
Hop Brook at Willow Brook Road, near Holmdel	278
Hope, Honey Run near	385
Horizontal datum, definition of	51
Hospitality Branch at Blue Bell Road, near Cecil	338
Hudson River south of Hastings-on-Hudson	96
Hydrologic index stations, definition of	51
Hydrologic unit, definition of	51
I	
Inch, definition of	52
Indian Branch near Malaga	354
Indian Cabin Creek at Fifth Avenue, near Elwood	322
Instantaneous discharge, definition of	52
International Boundary Commission Survey Datum,	

- definition of 52
 Ironia, Lamington (Black) River near 239
 Island, definition of 52
- J**
 Jessups Mill, Oldmans Creek at 535
 Jobstown, Annaricken Brook near 468
 Johnsonburg, Bear Brook at Dark Moon Road, near 382
 Jumping Brook near Neptune City 282
- K**
 Kingston, Heathcote Brook at 255
- L**
 Laboratory reporting level, definition of 52
 Lafayette, Paulins Kill at Warbasse Junction Road,
 near 379
 Lakehurst, Manapaqua Branch at 299
 Lakewood, North Branch Metedeconk River at 292
 Lamington (Black) River near Ironia 239
 Lamington River at Burnt Mills 243
 Land-surface datum, definition of 52
 Latent heat flux, definition of 52
 Laurel Lake, Gravelly Run at 358
 Lawrence Brook at Riva Avenue, at Milltown 268
 Lebanon State Forest, McDonalds Branch in 490
 Leesburg, West Creek near 350
 Light-attenuation coefficient, definition of 52
 Lincoln Park, Beaver Dam Brook at Ryerson Road, at 150
 Lipid, definition of 52
 Little Creek at Chairville 484
 Little Falls, Passaic River at 186
 Little Neshaminy Creek at Valley Road, near Neshaminy,
 PA 469
 Lockatong Creek at Route 12, at Baptists 416
 Lodi, Saddle River at 197
 Long Branch near Wells Mills 307
 Long-term method detection level, definition of 52
 Low flow, 7-day, 10-year, definition of 58
 Low tide, definition of 52
 Lumberville, PA, Delaware River at 420
- M**
 Macopin Intake Dam, Pequannock River at 129
 Macrophytes, definition of 52
 Mahwah, Ramapo River near 135
 Malaga, Indian Branch near 354
 Manalapan Brook at Federal Road, near Manalapan 276
 Manalapan, Manalapan Brook at Federal Road, near 276
 Manapaqua Branch at Lakehurst 299
 Manasquan River at Squankum 288
 Manasquan River at West Farms 284
 Mansfield Square, Bacons Creek near 463
 Mantua Creek at Mantua Avenue, at Wenonah 520
 Manville, Raritan River at 247
 Maurice River at Norma 356
 Maxwell, West Branch Wading River at 326
 Mays Landing, Babcock Creek near 342
 McDonalds Branch in Lebanon State Forest 490
 McGellaids Brook at Englishtown 272
- Mean concentration of suspended sediment, definition of 53
 Mean discharge, definition of 53
 Mean high tide, definition of 53
 Mean low tide, definition of 53
 Mean sea level, definition of 53
 Measuring point, definition of 53
 Megahertz, definition of 53
 Membrane filter, definition of 53
 Menantico Creek at Route 49, at Millville 363
 Mercerville, Miry Run at Route 533, at 448
 Metamorphic stage, definition of 53
 Metedeconk River, North Branch, at Lakewood 292
 Method detection limit, definition of 53
 Method of Cubatures, definition of 53
 Methylene blue active substances, definition of 53
 Micrograms per gram, definition of 53
 Micrograms per kilogram, definition of 53
 Micrograms per liter, definition of 53
 Microsiemens per centimeter, definition of 53
 Middlesex, Bound Brook at 265
 Middlesex, Bound Brook at Route 28, at 263
 Mill Brook at Randolph 114
 Milligrams per liter, definition of 54
 Millington, Dead River near 112
 Millstone River at Blackwells Mills 257
 Millstone River near Grovers Mill 248
 Milltown, Lawrence Brook at Riva Avenue, at 268
 Millville, Menantico Creek at Route 49, at 363
 Mingamahone Brook near Earle 290
 Minimum reporting level, definition of 54
 Miry Run at Route 533, at Mercerville 448
 Miscellaneous site, definition of 54
 Montague, Delaware River at 369
 Morristown National Historical Park Special-Study
 Site 586
 Morristown National Historical Park, Primrose Brook
 at 108
 Morristown, Whippany River at Ridgedale Avenue, at 121
 Most probable number, definition of 54
 Mount Bethel, Pohatcong Creek at Janes Chapel Road,
 at 388
 Mount Holly, North Branch Rancocas Creek at Iron
 Works Park, at 496
 Mount Pleasant, Harihokake Creek at Hartpence Road,
 near 399
 Mulhockaway Creek at Van Syckel 219
 Mullica River at outlet of Atsion Lake, at Atsion 310
 Multiple-plate samplers, definition of 54
 Musconetcong River at Riegelsville 393
- N**
 Nanograms per liter, definition of 54
 National Geodetic Vertical Datum of 1929, definition of 54
 Natural substrate, definition of 54
 Nekton, definition of 54
 Nephelometric turbidity unit, definition of 54
 Neptune City, Jumping Brook near 282
 Neshaminy, PA, Little Neshaminy Creek at Valley

Road, near	469	Phoenixville, PA, French Creek near	514
Neshanic River at Reaville	225	Phytoplankton, definition of	56
Neshanic Station, Pleasant Run at	233	Picourie, definition of	56
New Gretna, East Branch Bass River near	328	Pine Brook, Whippanny River near	125
New Lisbon, Greenwood Branch at	494	Pine Grove, Southwest Branch Rancocas Creek at	
Newport, Spruce Run at	211	Elmwood Road, at	480
Newton Creek at West Collingswood	508	Plankton, definition of	56
Nishisakawick Creek near Frenchtown	403	Pleasant Run at Neshanic Station	233
Norma, Maurice River at	356	Pohatcong Creek at Janes Chapel Road, at Mount	
North American Datum of 1927, definition of	54	Bethel	388
North American Datum of 1983, definition of	54	Point Pleasant, PA, Delaware River below Tohickon	
North American Vertical Datum of 1988, definition of	54	Creek, at	409
North Branch Big Timber Creek at Glendora	512	Polychlorinated biphenyls, definition of	56
North Branch Metedeconk River at Lakewood	292	Polychlorinated naphthalenes, definition of	56
North Branch Rancocas Creek at Iron Works Park, at		Pomona, South Branch Absecon Creek near	330
Mount Holly	496	Pompton Lakes, Ramapo River at	137
North Branch Raritan River near Raritan	245	Pompton Plains, Pompton River at	148
North Dennis, Old Robbins Branch near	346	Pompton River at Pompton Plains	148
O		Pool, definition of	56
Old Robbins Branch near North Dennis	346	Portland, PA, Delaware River at	377
Oldmans Creek at Jessups Mill	535	Primary productivity, definition of	56
Ong Run at Browns Mills	486	Carbon method, definition of	57
Open interval, definition of	54	Oxygen method, definition of	57
Organic carbon, definition of	55	Primrose Brook at Morristown National Historical	
Organic mass, definition of	55	Park	108
Organism count,		Princeton Junction, Bear Brook at Cranbury Road, at	250
Area, definition of	55	R	
Total, definition of	61	Raccoon Creek near Swedesboro	533
Volume, definition of	55	Radioisotopes, definition of	57
Organochlorine compounds, definition of	55	Radium Sampling of Water from the Kirkwood-Cohansey	
P		Aquifer System and of Backwash Brine from Ion-	
Papakating Creek at Pellettown	82	Exchange Treatment Systems Special-Study Site	647
Parameter code, definition of	55	Rahway River at Morris Avenue, at Springfield	199
Partial-record station, definition of	55	Rahway River at Rahway	205
Particle size, definition of	55	Rahway River near Springfield	203
Particle-size classification, definition of	55	Rahway, Rahway River at	205
Passaic River at Little Falls	186	Ramapo River at Pompton Lakes	137
Passaic River at Two Bridges	127	Ramapo River near Mahwah	135
Passaic River below Pompton River, at Two Bridges	152	Rancocas Creek, North Branch, at Iron Works Park, at	
Paulins Kill at Blairstown	380	Mount Holly	496
Paulins Kill at Warbassee Junction Road, near Lafayette	379	Rancocas Creek, South Branch, at Retreat	476
Peak flow, definition of	55	Rancocas Creek, Southwest Branch, at Elmwood Road, at	
Peak stage, definition of	55	Pine Grove	480
Pellettown, Papakating Creek at	82	Randolph, Mill Brook at	114
Pequannock River at Macopin Intake Dam	129	Raritan River at Manville	247
Pequest River at Belvidere	386	Raritan River at Queens Bridge, at Bound Brook	259
Percent composition, definition of	56	Raritan River, North Branch, near Raritan	245
Percent of total, definition of	56	Raritan River, South Branch, at South Branch	237
Percent shading, definition of	56	Raritan, North Branch Raritan River near	245
Periodic-record station, definition of	56	Reach, definition of	57
Periphyton, definition of	56	Reaville, Neshanic River at	225
Pesticides, definition of	56	Recoverable from bed (bottom) material, definition of	57
pH, definition of	56	Recurrence interval, definition of	57
Philadelphia, PA, Delaware River at Benjamin Franklin		Reedy Island Jetty, DE, Delaware River at	541
Bridge, at	500	Replicate samples, definition of	57
Philadelphia, PA, Schuylkill River at	517	Retreat, South Branch Rancocas Creek at	476
		Return period, definition of	58

Riegelsville, Delaware River at	397
Riegelsville, Musconetcong River at	393
Riffle, definition of	58
Rio Grande, Fishing Creek at	344
River mileage, definition of	58
Rivervale, Hackensack River at	100
Robinsons Branch Tributary 2 at Westfield	207
Rockaway, Beaver Brook at	119
Run, definition of	58
Runoff, definition of	58
S	
Saddle River at Lodi	197
Saddle River at Old Stone Church Road, at Upper Saddle River	188
Salem River at Woodstown	539
Schuylkill River at Philadelphia, PA	517
Screened interval, definition of	54
Sea level, definition of	58
Sediment, definition of	58
Seely, Cohansey River at	367
Sensible heat flux, definition of	58
Seven-day, 10-year low flow, definition of	58
Shelves, definition of	58
Sodium adsorption ratio, definition of	58
Soil heat flux, definition of	58
Soil-water content, definition of	58
South Branch Absecon Creek near Pomona	330
South Branch Burrs Mill Brook near Hedger House	472
South Branch Rancocas Creek at Retreat	476
South Branch Raritan River at South Branch	237
South Branch, South Branch Raritan River at	237
South Run near Cookstown	452
Southard, Haystack Brook near	294
Southwest Branch Rancocas Creek at Elmwood Road, at Pine Grove	480
Sparta, Wallkill River at	76
Special-Study Sites	
Chloride Distribution in Major Artesian Aquifers of the New Jersey Coastal Plain	660
Confined Aquifer Flow and Chemistry: Piney Point and Basal Kirkwood Sands	604
Morristown National Historical Park	586
Radium Sampling of Water from the Kirkwood- Cohansey Aquifer System and of Backwash Brine from Ion-Exchange Treatment Systems ..	647
Trace-Element Chemistry: Kirkwood-Cohansey Aquifer System	612
Specific electrical conductance (conductivity), definition of	58
Springfield, Rahway River at Morris Avenue, at	199
Springfield, Rahway River near	203
Spruce Run at Newport	211
Spruce Run near Glen Gardner	215
Squankum Branch at Malaga Road, near Williamstown	334
Squankum, Manasquan River at	288
Stable isotope ratio, definition of	59
Stage, definition of	59
Stage-discharge relation, definition of	59
Streamflow, definition of	59
Substrate, definition of	59
Artificial, definition of	45
Natural, definition of	54
Substrate embeddedness class, definition of	59
Surface area of a lake, definition of	59
Surficial bed material, definition of	59
Surrogate, definition of	59
Suspended, definition of	59
Recoverable, definition of	59
Total, definition of	60
Suspended sediment, definition of	59
Suspended-sediment concentration, definition of	59
Suspended-sediment discharge, definition of	60
Suspended-sediment load, definition of	60
Suspended solids, total residue at 105 °C concentration, definition of	60
Sussex, Wallkill River near	79
Swedesboro, Raccoon Creek near	533
Synoptic studies, definition of	60
T	
Taxa (Species) richness, definition of	60
Taxonomy, definition of	60
Thalweg, definition of	60
Thermograph, definition of	60
Time-weighted average, definition of	60
Toms River near Toms River	303
Tons per acre-foot, definition of	61
Tons per day, definition of	61
Total, definition of	61
Total coliform bacteria, definition of	61
Total discharge, definition of	61
Total in bottom material, definition of	61
Total length, definition of	61
Total load, definition of	61
Total organism count, definition of	61
Total recoverable, definition of	61
Total sediment discharge, definition of	61
Total sediment load, definition of	62
Trace-Element Chemistry: Kirkwood-Cohansey Aquifer System Special-Study Site	612
Transect, definition of	62
Trenton, Assunpink Creek at Peace Street, at	450
Trenton, Delaware River at	422
Turbidity, definition of	62
Two Bridges, Passaic River at	127
Two Bridges, Passaic River below Pompton River, at ..	152
U	
Ultraviolet (UV) absorbance (absorption), definition of ..	62
Unconfined aquifer, definition of	62
Unionville, NY, Wallkill River near	89
Upper Saddle River, Saddle River at Old Stone Church Road, at	188
V	
Valentine Brook at Allendale	193

Van Syckel, Mulhockaway Creek at	219	Wescoatville, Hammonton Creek at	318
Vertical datum, definition of	62	West Branch Wading River at Maxwell	326
Volatile mass, definition of	55	West Collingswood, Newton Creek at	508
Volatile organic compounds, definition of	62	West Creek near Leesburg	350
W		West Farms, Manasquan River at	284
Wading River, West Branch, at Maxwell	326	West Milford, Green Brook near	131
Wallkill River at Sparta	76	Westfield, Robinsons Branch Tributary 2 at	207
Wallkill River near Sussex	79	Wet mass, definition of	63
Wallkill River near Unionville, NY	89	Wet weight, definition of	63
Water table, definition of	62	Weymouth, Great Egg Harbor River at	340
Water-table aquifer, definition of	62	Whippany River at Ridgedale Avenue, at Morristown ..	121
Water year, definition of	62	Whippany River near Pine Brook	125
Watershed, definition of	62	Williamstown, Squankum Branch at Malaga Road, near	334
Wawayanda, Double Kill at	91	Woodstown, Salem River at	539
WDR, definition of	62	WSP, definition of	63
Weighted average, definition of	62	Z	
Wells Mills, Long Branch near	307	Zooplankton, definition of	63
Wenonah, Mantua Creek at Mantua Avenue, at	520		