INDEX

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

A

Above-ground storage of liquid materials, **1**-5, **4**-12-14
Above-ground storage tank, **1**-5, **4**-12-14
Access for operations and maintenance, **2**-27
Access riser, **2**-130
Alternative method of source control, **4**-5
Amendment process, **A**-14
Anti-seepage collar, **2**-111
Appeals process, **A**-12
Applicant, **1**-5
Approved receiving system, **1**-5

B

Baffle riser, **2**-24
Batch discharge, **1**-5, **4**-11, 13, 30, 31
BDS, **1**-5
Berm embankment, **2**-110
BES, **1**-5
Bioretention facility, **1**-5
Bioswale, **1**-9, see *grassy swale*
Brownfield (recycled land), **1**-13, **4**-28-35
Bulk fuel terminal, **1**-5, **4**-8-11
Bulk materials, **1**-5, **4**-18-20

C

Capacity, **1**-6
Cascade Station/ PIC Plan District, **2**-155
Catch Basin, **1**-6
Checklist of calculations to be included in a stormwater report, **2**-8
City Code Chapter 17.38, **A**-2-10
Clean Water Act, **1**-24
Columbia South Shore Plan District, **2**-155

Combined or combination sewer, **1**-6
flow control requirements, **1**-34
pollution reduction requirements, **1**-28
Commercial sources for native plant material, **F**-18
Constructed treatment wetland, **1**-6, **2**-117-122
Contained planter, **1**-6, **2**-49-52, **App G**, **App H**
Containerized, **1**-6
Containment, **1**-6, **4**-4, 7, 9-14, 19, 20, 29, 35, 38
Control structure, **1**-6, **2**-21-26
Conveyance, **1**-7, 20, 21
Covered vehicle parking areas, **1**-7, **4**-36
CSO (combined sewer overflow), **1**-7
Curve number, **App C**

D

Data evaluation, **B**-14, 15
Deciduous trees, **2**-55
Definitions, **1**-5-16
DEQ, **1**-7, 22, 23
Destination, **1**-7, 17-23
hierarchy, **1**-18, 19
standards, **1**-20, 21
Detention, **1**-29-31
facility, **1**-7, 29
tank, vault, or oversized pipe, **1**-7, **2**-125-132
Development, **1**-7
Development footprint, **1**-7
Discharge permits, **4**-6
Discharge to existing systems, **1**-39
Disposal, **1**-7, 17-23
hierarchy, **1**-18, 19
standards, **1**-20, 21
Downsizing, **2**-4
Drainage basin, **1**-8
Drainageway, **1**-8
Driveway, **1**-8
Dry detention pond, **1**-8, **2**-125-132, **App G**, **App H**
Drywell, **1**-8, **2**-159-166
details, **2**-164, 165
sizing chart, **2**-162
Dumpsters, **4**-15

E

East-side soakage trench, **2**-145, 146
Ecoroof, **1**-8, **2**-37-44, **App G**, **App H**
Emergency overflow spillway, **2**-109
End wall, **2**-33
EPA (Environmental Protection Agency), **1**-24
Equipment and/or vehicle washing facilities, **1**-8, **4**-25-27
Evergreen trees, **2**-55
Examples, **"How to Use"**-1-40
Existing systems, **1**-39
Existing trees, **2**-56
Extended wet detention pond, **1**-8, **2**-125-132, **App G**, **App H**
Exterior materials storage area, **1**-8
Exterior storage of bulk materials, **1**-9, **4**-18-20

F

Facility selection and design, **2**-35
Falling head test, **2**-20
FAR ecoroof bonus, **2**-43
Fencing, **2**-112
Fertilizers, **F**-15
Filter bed medium (sand filter), **2**-96
Flow chart, **"How to Use"**-2
Flow control, **1**-9, 29-35
    areas where flow control may not be required, **1**-33
    combined sewer system, **1**-34
    facility, **1**-9
    requirements, **1**-32-35
    summary, **1**-35
Flow-through planter, **1**-9, **2**-61-64, **App G**, **App H**
Forms
    O&M (general operations and maintenance), **3**-7
    O&M example, **3**-8
    O&M (facility-specific operations and maintenance), **3**-10-28
    SC (special circumstances), **1**-42, 43
    SIM (simplified approach sizing), **2**-5, 6
    Source Control Installations, **4**-38
    Special Requests (for source controls), **4**-39, 40
Fuel dispensing facilities, **1**-9, **4**-8-11

G

Garbage cans, **4**-15
Grass seed mix, **F**-14
Grassy swale, **1**-9, **2**-69-76, **App G**, **App H**
Groundwater resource protection areas, **2**-155

H

Hazardous material, **1**-9, **4**-14, 20, 24
    containment zone, **1**-10
High-risk site, **1**-10, **4**-6
Hydrographs, **1**-31, **App C**
Hydrologic analysis requirements, **2**-15
    conveyance, **2**-16
    destination/disposal, **2**-16
    flow control, **2**-15
    method resources,
        HEC-1, **2**-16
        Rational Method, **1**-25
        SBUH (Santa Barbara Urban Hydrograph), **1**-14, 25, **2**-16, **App C**
        SCS TR55, **2**-16
        SWMM, **2**-16
    pollution reduction, **2**-15

I

Impervious surface/area, **1**-10
Infiltration, **1**-10, 18-20
    planter, **1**-10, **2**-57-60, **App G**, **App H**
    sump system, **2**-149-158
    testing, **2**-17-20
Inflow riser manhole, **2**-116
Inlet, **1**-10
Insect/ vector control, **3**-11-27
Irrigation, **2**-29

J

K

L

Laboratory testing, **2**-19, **B**-9
Landscape, **1**-10, **App F**
    requirements, **2**-27-29
    screening, **F**-17
LD-50, **1**-10
Lines of comparable performance, **B**-14, 15
Liquid materials, **4**-12-14
Loading docks, **4**-21-24
Local dispensing location, **1**-10

M

Maintenance, **Ch 3**
Manufactured Stormwater Treatment Technology, **1**-11, **2**-123, 124
Material transfer areas/ loading docks, **1**-11, **4**-21-24
Maximum Extent Practicable (MEP), **1**-11
Metro, **2**-79
Mulch, **F**-17
Multi-level parking structure, **1**-11, **4**-36

N

Native plants, **2**-27, **App F**
Native seed, **F**-14
Native trees, **App F**
New trees, **2**-55
NPDES (National Pollution Discharge Elimination System), **1**-24
NRCS soil groups, **C**-6
NRCS Type 1A rainfall distribution, **1**-25, **C**-2

O

Off-site stormwater facility, **1**-11
Off-site management fee, **1**-41
Oil control, **1**-28

Oil-water separator, **1**-28, **2**-133-136
On-site stormwater facility, **1**-11
Open channel, **1**-11
Open drainageway policies, **1**-36, 37
Operations and Maintenance, **1**-11, **Ch 3**
    submittal requirements, **3**-2, 3
Orifice, **2**-21-26
Orifice location baffle riser, **2**-24
Orifice location tee riser, **2**-23
Orifice structure, **2**-25
Outfall, **1**-11
    design, **2**-29-34
    end wall, **2**-33
    grated protection detail, **2**-34

P

Parking area, **1**-11
Parking lots, **1**-38
    trees, **F**-20-23
Particle size distribution, **B**-9
PDOT, **1**-11
Performance approach, **2**-14
Permeable pavement, **1**-12, **2**-45-48, **App G**, **App H**
Pervious pavement, **1**-12, **2**-45-48, **App G**, **App H**
Pesticides, **F**-15
Photos, **App H**
Piped flow, **1**-21
Plant lists, **App F**
Planters,
    contained, **1**-6, **2**-49-52, **App G**, **App H**
    flow-through, **1**-9, **2**-61-64, **App G**, **App H**
    infiltration, **1**-10, **2**-57-60, **App G**, **App H**
Planting bed soils, **2**-29, **F**-16
Policy framework, **A**-11
Pollutant, **1**-12, 24
    of concern, **1**-12, 24, 26, 27
Pollution reduction, **1**-12, 24-28, **B**-4, 5, **App E**
    combined sewer areas, **1**-28
    facility, **1**-12
    requirements, **1**-25-28

Ponds, **2**-101-116, **App G**, **App H**
dry detention, **2**-101-116, **App G**, **App H**
extended wet, **2**-101-116, **App G**, **App H**
wet, **2**-101-116, **App G**, **App H**
Porous pavement, **1**-12, **2**-45-48, **App G**, **App H**
Portland plant list, **F**-20
Post-developed condition, **1**-12
Practicable, **1**-12
Pre-developed condition, **1**-12
Presumptive approach, **2**-7
Private management, **1**-40
Private drywell, **2**-159-166
Private soakage trench, 2-141-148
Public facility, **1**-13
Public infiltration sump system, **2**-149-158
Public vs. private stormwater management, **1**-40
Public works project, **1**-13

Q

R

Rainwater Harvesting, **1**-13, **2**-137-140, **App H**
Rational method, **1**-25, **2**-151
Re-use (stormwater), see *rainwater harvesting*
Recycled land (brownfields), **1**-13, **4**-28-35
Redevelopment, **1**-13
Retention, **1**-29-32
Facility, **1**-13, 29
Rip rap, **2**-29
class selection, **2**-32
Roadway, **1**-13
Rock protection at outfalls, **2**-31
Roof garden, **1**-13, **2**-37-44, **App G**, **App H**
Rooftops, **1**-28
Runoff, **1**-14

S

Sampling manhole, **4**-20, 31, 33
Sand filter, **1**-14, **2**-93-100, **App G**, **App H**

Sanitary sewer discharge limits, **4**-6, 13, 26, 27, 30, 32
Santa Barbara Urban Hydrograph (SBUH), **1**-14, 25, **2**-16, **App C**
Screening, **F**-17
SCS TR55, **2**-16
Secondary riser stack, **2**-108
Sediment testing, **B**-8
Sedimentation manhole, **2**-154
Seed mix, **F**-14
Sewer design manual, **1**-20, **2**-127
Shut-off valve, **4**-9, 10, 11, 14, 20, 23, 24, 35, 38
Signage, **2**-112, **4**-4, 5, 9, 14, 20, 23, 37
SIM form, **2**-5, 6
Simplified Approach, **2**-2-6
    sizing, **2**-5, 6
Site preparation and grading, **F**-16
Soakage trench, **1**-14, **2**-141-148
    east-side, **2**-145, 146
    west-side, **2**-147, 148
Soil stabilization, **2**-110
Soil types, **C**-6
Soils, **F**-16
Solid waste storage areas, containers, and trash compactors, **1**-14, **4**-15-17
Source controls, **Ch 4**
Special circumstances, **1**-41-43
    Form SC, **1**-42, 43
Spill containment, **4**-9, 12
Spill control manhole, **2**-133-136
Spill response supplies, **4**-5, 6
Storage areas
    bulk materials, **4**-19, 20
    liquid materials, **4**-12-14
    solid waste, **4**-3, 15-17
Storm sewer, **1**-21
Stormwater, **1**-14
    Advisory Committee (SAC), **A**-11
    discharge limits, **4**-13
    facility landscaping, **1**-14, **2**-27, 28
    management, **1**-14
    management facility, **1**-14, **Ch 2**
    Policy Advisory Committee (SPAC), **A**-11
    re-use, **1**-14, **2**-137-140, **App H**
Storms, **1**-25, **B**-4, **C**-3, 7, **App E**
Street swale, **1**-14, **2**-77-84, **App G**, **App H**

Structural detention facility, **2**-125-132
Sump, **1**-15, **2**-149-158
Sump and sedimentation manhole diagram, **2**-152
Surface conveyance, **1**-15, 20
Surface infiltration facility, **1**-15
    design approach, **2**-9-13
    setback detail, **2**-13
Surface retention facility, **1**-15
Swales,
    Grassy, **1**-9, **2**-69-76, **App G**, **App H**
    Street, **1**-14, **2**-77-81, **App G**, **App H**
    Vegetated, **1**-16, **2**-65-68, **App G**, **App H**
SWMM, **2**-16

T

Tanks (detention), **1**-7, **2**-125-132
Tee riser, **2**-23
Tenant improvements, **1**-15, **4**-2, 38
Testing protocol, **App B**
Tier one appeal, **A**-12
Tier two appeal, **A**-13
Time of concentration (TofC), **1**-15, **C**-1, 2
TMDLs (Total maximum daily loads), **1**-26, 27
Topsoil, **2**-29, **F**-16
Total suspended solids (TSS), **1**-15, **B**-9
Toxic substance use reduction, **F**-15
Trash compactors, **4**-15-17
Trash containers, **4**-15-17
Trash racks, **2**-34
Tree credits, **2**-53-56
    existing, **2**-56
    new, **2**-55
    parking lot, **F**-20-23
    planting detail, **F**-19
Trigger for manual compliance, **1**-2
    for pollution controls, **4**-3
TSS, see *total suspended solids*

U

Underground Injection Control (UIC), **1**-15, 22, 23, **2**-142, 150, 160
Update and amendment process, **A**-14

V

V-notch weir, **2**-26
Vaults (detention), **1**-7, **2**-125-132
Vector control, **3**-11-27
Vegetated facilities, **1**-15, **Ch 2**
Vegetated filter, **1**-16, **2**-85-88, **App G**, **App H**
Vegetated infiltration basin, **1**-16, **2**-89-92, **App G**, **App H**
Vegetated swale, **1**-16, **2**-65-68, **App G**, **App H**
Vegetation management, **3**-11-27
Vehicle traffic areas, **1**-28
Vehicle washing areas, **4**-25-27
Vendor submission guidance for
    evaluating stormwater treatment technologies, **App B**

W

Water body, **1**-16
Water quality, **1**-16, see *pollution control*
Watercourse, **1**-16
Weirs, **2**-26
West-side soakage trench, **2**-147, 148
Wet pond, **1**-16, **2**-101-116, **App G**, **App H**
Wetland, **1**-16
    Constructed treatment, **2**-117-122, **App H**

X
Y
Z