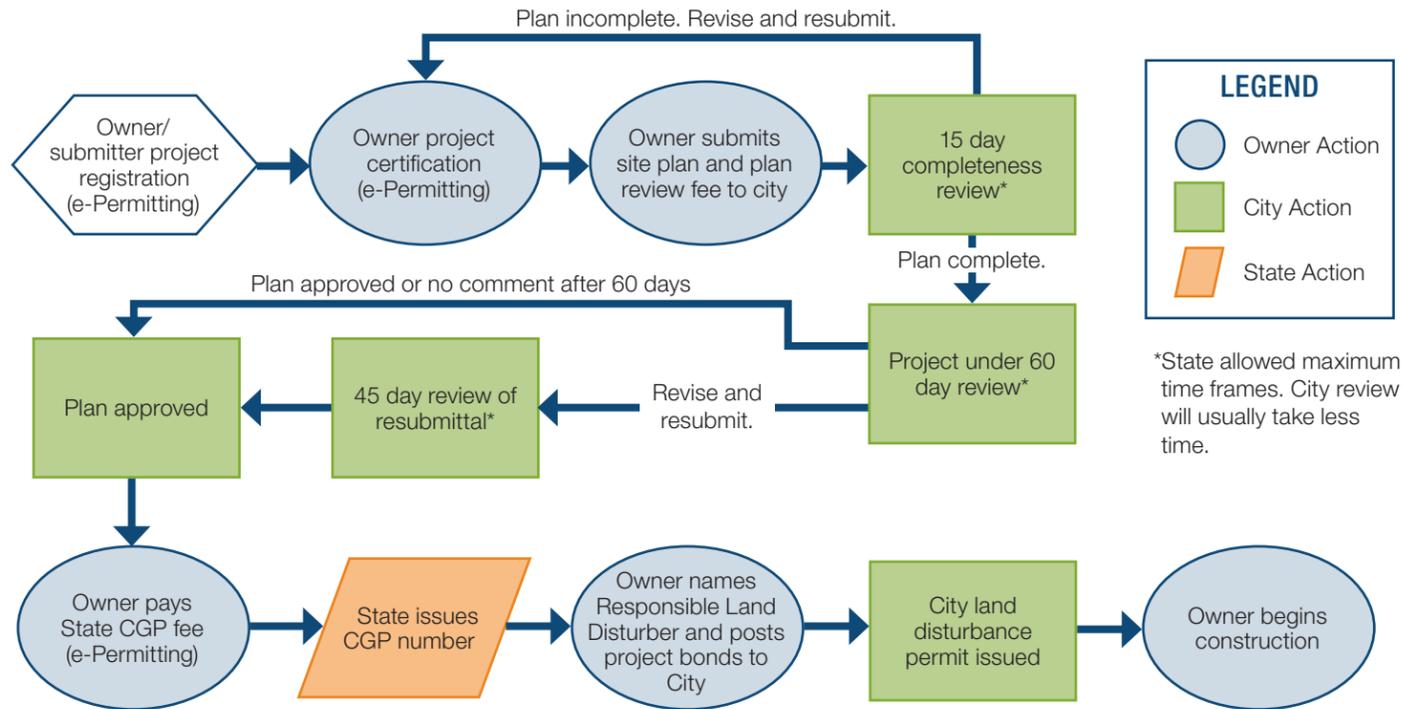


Proposed Plan Review Process



For Additional Information

DEQ Stormwater Management Program: <http://www.deq.state.va.us/Programs/Water/StormwaterManagement.aspx>

Grandfathering Guidance: <http://www.deq.virginia.gov/Portals/0/DEQ/Water/ChesapeakeBay/Grandfathering%20Provision.pdf>

Construction General Permits: <http://www.deq.virginia.gov/Programs/Water/StormwaterManagement/VSMPPPermits/ConstructionGeneralPermit.aspx>

RRM Spreadsheet for New Development: <http://chesapeakestormwater.net/wp-content/plugins/download-monitor/download.php?id=137>

RRM Spreadsheet for Redevelopment: <http://chesapeakestormwater.net/wp-content/plugins/download-monitor/download.php?id=138>

Virginia BMP Clearinghouse: <http://vwrrc.vt.edu/swc/>

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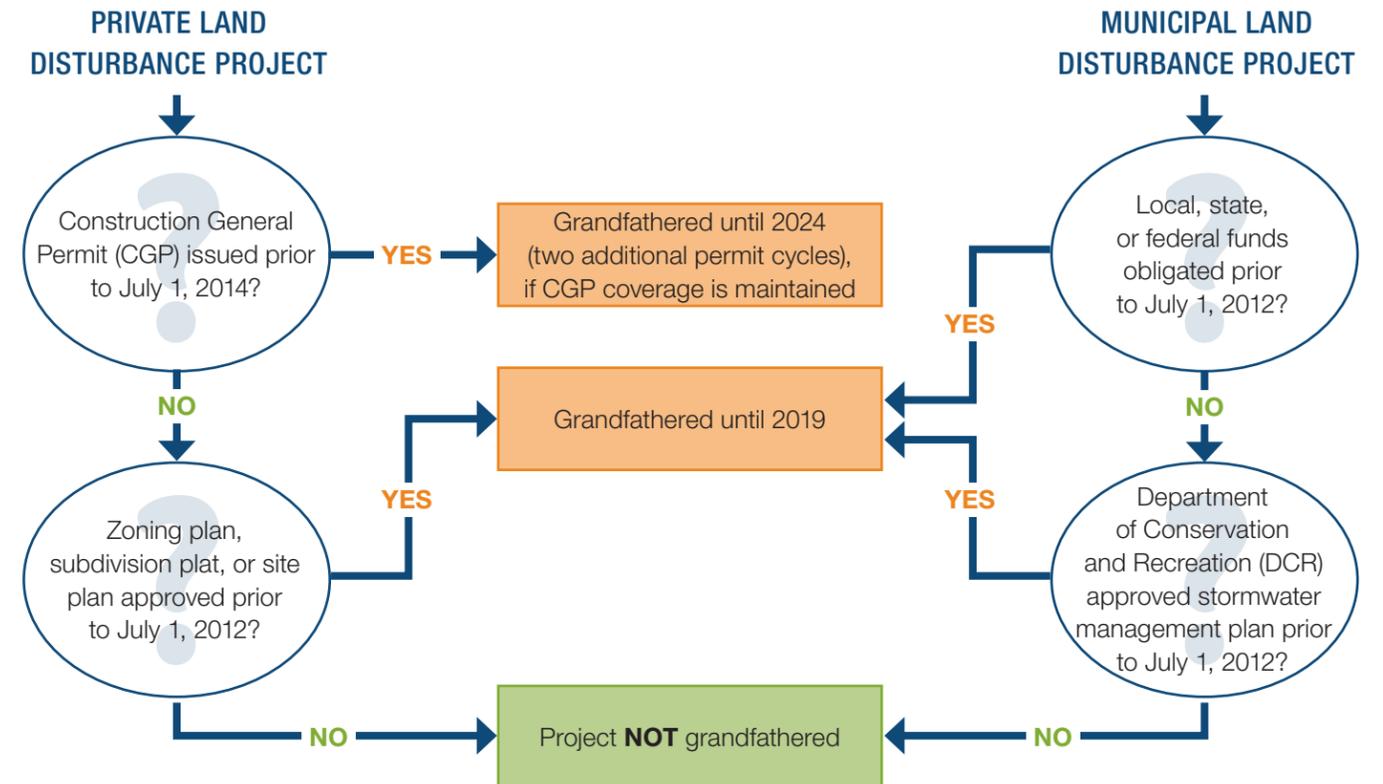
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Virginia Stormwater Management Program Implementation

Is My Project Grandfathered?



Technical Criteria for New Projects

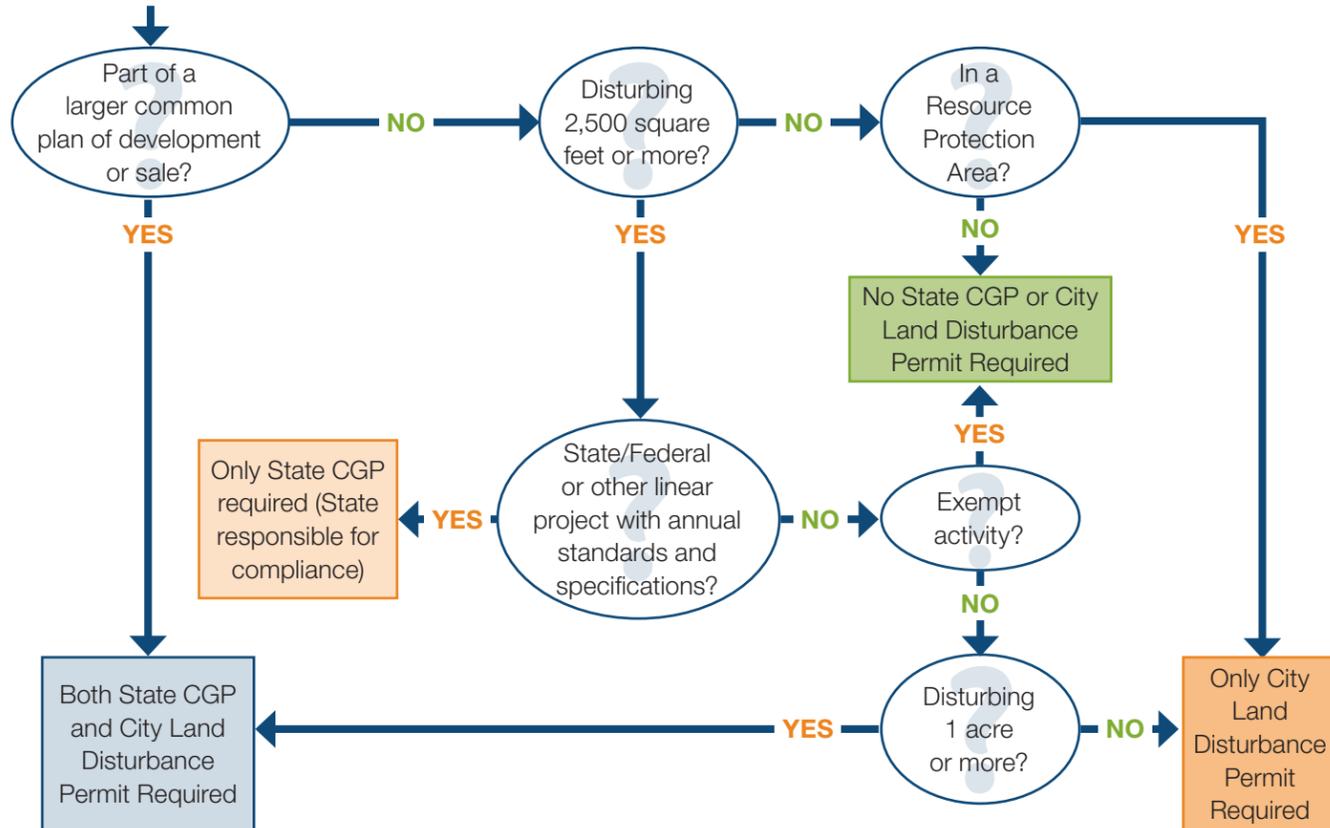
- Water quality
 - Runoff Reduction Method (RRM)
 - Impervious, managed turf and forested/open space areas
 - Soils group
- Water quantity
 - Channel protection
 - Energy balance equation: Q^*V_{post} to 80% or 90% of Q^*V_{pre}
 - Flood protection
 - Contain 10-year flow to avoid flooding

Technical Criteria for Grandfathered Projects

- Water quality
 - Chesapeake Bay Preservation Area (CBPA) calculations
 - Impervious and pervious areas
- Water quantity
 - Stream channel erosion
 - Detention of 1-year, 24-hour storm
 - Flooding
 - 10-year post rate \leq 10-year pre rate

What Permits do I Need?

LAND DISTURBANCE PROJECT



State Construction General Permit and E-Permitting

- Department of Environmental Quality (DEQ) developing Stormwater e-Permitting System website
- Application and processing for the General Permit for Discharges of Stormwater from Construction Activities (State CGP)
 - Issuance, termination, transfer and modification of State CGP
 - Best Management Practices (BMP) registration upon permit termination
 - Online payment of State CGP fee only
 - Owners/developers and City staff will use system to move projects through plan approval process

Land Disturbance Acreage	State CGP Fee
Less than one acre within common plans of development or sale	\$ 81
Equal to or greater than one acre and less than five acres	\$ 756
Equal to or greater than five acres and less than 10 acres	\$ 952
Equal to or greater than 10 acres and less than 50 acres	\$ 1,260
Equal to or greater than 50 acres and less than 100 acres	\$ 1,708
Equal to or greater than 100 acres	\$ 2,688

CITY LAND DISTURBANCE PERMIT FEES

Land Disturbance Area	City Land Disturbance Permit fee
Less than 2,500 square feet out of the RPA	No charge and no permit required
Less than 2,500 square feet in the RPA	\$ 175
2,500 square feet-but less than 0.25 acres	\$ 175
0.25 acres-but less than 0.50 acres	\$ 225
0.50 acres-but less than 0.75 acres	\$ 275
0.75 acres-but less than 1.0 acres	\$ 290
1.0 acres-but less than 5.0 acres	\$ 1,944
5.0 acres-but less than 10.0 acres	\$ 2,448
10.0 acres-but less than 50.0 acres	\$ 3,240
50.0 acres-but less than 100.0 acres	\$ 4,392
100.0 acres or greater	\$ 6,912
An agreement in lieu of a plan	\$ 75

REQUIRED FOR CITY LAND DISTURBANCE PERMIT ISSUANCE

- Evidence of State CGP (if required)
- Approved development plan
- Posted required bonds
- Identified Responsible Land Disturber

Stormwater Regulatory Implementation Timeline

