Seattle Stormwater Code Flowchart (1) for projects in the ROW, v. 1.2

(1) Flowchart for review purposes. Not a complete summary of code requirements. See 22.805.020 minimum requirements for all projects:

- Protect wetlands, creeks and shorelines and flood prone areas
- Ensure sufficient capacity
- Maintain natural drainage and identify discharge point
- Install source control
- Compliance with side sewer code

(2) Hard surfaces are impervious surfaces and permeable pavement surfaces and vegetated roofs. Impervious surfaces include gravel surfaces and surfaces with underdrains.

(3) Integral and contiguous utility work is both essential to the completeness of the road-related project (integral) and either within the site (length of land disturbing activity between the ROW lines or abutting the parcel (contiguous). Utility work beyond the frontage of a parcel is not contiguous to that parcel project.
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Requirements

Construction Requirements

Roadway Project? (includes alley) 22.801.190

No, or complications

Back to page 2 Special Circumstances

22.000sf new + replaced (20) hard surface (2) or ≥7,000sf land disturbance? 22.805.060B

No

Modifies drainage or obstructs watercourse? New impervious over peat? 25.09.020

Al hazardous (contaminated) location? 22.800.050

No

No drainage control review

Yes

Construction Stormwater Control Plan 22.805.020D

SPU review and approval required

Yes to any

SPU review and approval required

Construction Stormwater Control Plan 22.805.020D

Amend disturbed soil 22.805.040

Amend disturbed soil 22.805.040

Onsite List 22.805.070 Table D
See Flow Chart 3 of 4

Discharges to combined sewer system?

Yes

Also, continue checking for additional flow control and stormwater treatment requirements

Existing surface <50% hard (2) and new + replaced (26) PGHS (8)? 22.805.060D1

No

Existing surface ≥ 35% impervious and new PGHS (8) ≥ 5,000sf? (9) 22.805.060D2

Yes

Yes

Also, continue checking for flow control requirements

No, check for flow control

No

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(26) Replaced hard surface means the removal down to existing subgrade or base course and replacement.

(8) Pollution Generating Hard Surfaces (PGHS) in the ROW are surfaces regularly used by motor vehicles.

(9) ≥35% existing impervious surface and 5,000sf new PGHS (8):
   • If new PGHS adds 50% to the existing hard (2) surface, stormwater treatment required for all PGHS.
   • If new PGHS adds less than 50% additional PGHS, stormwater treatment required only for new PGHS. 22.805.060D.2

(27) "Sidewalk project" means a project for the creation of a new sidewalk or replacement of an existing sidewalk, including any associated planting strip, apron, curb ramp, curb or gutter, and necessary roadway grading and repair. If the total new plus replaced hard surface in the roadway exceeds 10,000 square feet, the entire project is a roadway project.

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No, or complications

(20) Replaced hard surface means the removal down to existing subgrade or base course and replacement.
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Discharges to wetland?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥5,000sf new + replaced (26) hard surface (2) 22.805.060C1</td>
<td>No flow control requirement</td>
</tr>
<tr>
<td>≥10,000sf new + replaced (26) hard surface (2)?</td>
<td>Protect hydrologic condition of wetland 22.805.080B1</td>
</tr>
<tr>
<td></td>
<td>Also, continue checking for additional flow control requirements – wetland protection trumps competing flow control requirements</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Permanent discharge of groundwater? 22.805.080C7</td>
<td>No (or no additional) flow control requirement</td>
</tr>
<tr>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Discharges to capacity constrained (10)? 22.805.060D2</td>
<td>Ensure capacity to ¼ mile MIN 22.805.020H</td>
</tr>
<tr>
<td></td>
<td>Plus Peak flow control 4% annual probability ≤ 0.4 d/acre, 50% annual probability ≤ 0.15 d/acre</td>
</tr>
<tr>
<td>No</td>
<td>(or no additional) flow control requirement</td>
</tr>
<tr>
<td>Discharges to designated (11) receiving water 22.801.050</td>
<td>Ensure capacity to ¼ mile MIN 22.805.020H</td>
</tr>
<tr>
<td></td>
<td>No (or no additional) flow control requirement</td>
</tr>
</tbody>
</table>

(10) Capacity-constrained system means a drainage system or public combined sewer that the Director of SPU has determined to have inadequate capacity to carry existing and anticipated loads, or a drainage system that includes ditches or culverts.

(11) Designated receiving waters:
- Duwamish River
- Puget Sound
- Lake Washington
- Lake Union
- Elliott Bay
- Portage Bay
- Union Bay
- Lake Washington Ship Canal

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Discharges to non-listed creek? (13) 22.805.080C3

≥ 5,000sf new hard surface (2) and currently forested?

Yes

Ensure capacity to ¼ mile MIN 22.805.020H

Plus Match pre-developed forest condition, 50% of 2-year up to 50-year recurrence interval

No

Ensure capacity to ¼ mile MIN 22.805.020H

Plus Pre-developed pasture, 50% of 2-year up to 2-year recurrence interval