

Erosion & Sediment Control Daily Site Inspection Checklist

Completed by Site Superintendent/Designate – Copy Must Remain On-Site

Site Address: 123 Guildford Way, Coquitlam BC, V3B 3A3

Site Superintendent/Designate Name: Ian Smith

Phone: 604-123-4567

Week of: Feb 3 2014

Project Start Date: Jan 1 2014

Project Completion Date: Jan 1 2015

It is required that Site Superintendent/Designate completes the following checklist **daily** while site work occurs.

ITEM AND/OR LOCATION TO CHECK	Timing						
	Each Day – throughout the duration of works						
	Mon	Tue	Wed	Thru	Fri	Sat	Sun
A. Project/ Planning Phasing	✓	✓					
B. Onsite Water Management (Temporary drainage swale and sump for single family/duplex developments)	✓	✓					
C. Incidental Water Management	✓	✓					
D. Polymer/Flocculent Additives	N/A	N/A					
E. pH Mitigation	N/A	N/A					
F. Clean Water Management (Gutters and downspouts for single/duplex developments)	No	✓					
G. Have the trades staff and suppliers been made aware of the requirements for erosion and sediment control and the consequences involved if there is a breach?	No	✓					
H. If required, has an Erosion and Sediment Control Plan been prepared and approved?	Yes	✓					
<ul style="list-style-type: none"> Are all contractors and subcontractors aware of the contents of this plan? 	No	✓					
I. Are the sediment fences adequate and/or erected correctly?							
<ul style="list-style-type: none"> Geotextile sediment fence buried at least 200mm below ground Posts installed at minimum 2m spacing Built up sediment should not exceed 1/3 of the height of the sediment fence No tears or rips Not laying down or covered over by materials Is there an advisory/attention sign on the sediment fence? 	✓	✓					

	Mon	Tue	Wed	Thru	Fri	Sat	Sun
J. Is the wheel wash or the stabilized entry/exit point (truck stand/pad) in the correct location? (as indicated in approved plans) <ul style="list-style-type: none"> Are all trades people/suppliers using this entry point? 	✓	✓					
K. Does the wheel wash or the entry/exit point (truck stand/pad) require maintenance? <ul style="list-style-type: none"> Does the wheel wash contain excessive sediment in its holding tank? Has the entry/exit pad got excessive sediment in it? If yes, turn over with a machine to expose coarse aggregate again Aggregate 100 to 150mm or greater Is there a bundling/diversion drain above the stabilised entry/exit point (truck stand/pad) to divert sediment behind the sediment fence? Are the trade's staffs using an adjacent lot to gain entry to the site? If so, has permission been sought from the land owner(s) and are there control measures in place to prevent the movement of sediment off the lot and into the gutter? 	N/A Yes ✓ N/A N/A	N/A ✓ ✓ N/A N/A					
L. Is the road clean of sand, silt and mud? <ul style="list-style-type: none"> Do the trade's staffs have the capacity to clean-up the sediment before they leave the site? Have you ensured sediment does not reach CB? 	✓ ✓	✓ ✓					
M. Is there a contained area for building waste on site? <ul style="list-style-type: none"> Use a skip bin and /or mesh trap Cover the waste cage/bin at the end of each work day Place food packaging into waste cage/bin after each meal break Skip or waste cage should not be allowed to overflow Cover loads of waste when delivering to waste facility 	No No No N/A ✓	✓ ✓ ✓ ✓ ✓					
N. Are the silt sack traps in place?	✓	✓					
O. Is the sediment control system or the pond system well maintained and in good working condition?	N/A	N/A					
P. Are the 'wet trades' setting/washing up behind a sediment fence and on grassed areas that will hold the volume of waste?	✓	✓					
Q. Are the stockpiles/sand/soil adequately protected? <ul style="list-style-type: none"> Covered by a plastic sheet Located behind a sediment fence Sand bags around base 	✓	✓					

	Mon	Tue	Wed	Thru	Fri	Sat	Sun
R. At the end of each working day do the temporary stockpiles on hard surfaces have:	✓	✓					
• Stockpile fully covered?	✓	✓					
• A bund wall of sandbags, fibre or geotextile on the down slope of the stockpile?	✓	✓					
• A waterproof/windproof covering?	✓	✓					
• An up-slope diversion of sandbags, fibre or geofabric for on-site stockpiles?	✓	✓					
• Sandbags or geotextile bags filled with gravel surrounding the stockpile (if on-site road reserves)?	✓	✓					
S. Are the grass/turf strips on the footpath cleared of sediment, sand and mud?	✓	✓					
T. Are the service trenches backfilled?	✓	✓					
U. Are the temporary drainpipes correctly connected?	✓	✓					
V. Has the Developer been advised about erosion and sediment control corrections?	No	✓					
• The site must have adequate control measures on-site at all times and even after hand over							
W. Other							

Notes: New gravel for access pad arrived Tuesday morning. Trades have now been informed of ESC plan and concerns.



Erosion & Sediment Control Submission Form

(For Development Other Than Single Family/Duplex Residential)

This form to be submitted to Development Services.

Erosion and Sediment Control Best Management Practices available at the Building Permits counter, Development Servicing counter and Engineering counter as well as from the City's website.

In accordance with the Stream And Drainage System Protection Bylaw No. 4403, 2013

This form is a submission requirement for a development application other than for single family/duplex Building Permits. Failure to submit a completed form will result in the development application being rejected.

Part 1. Developer (or duly authorized agent)

Name: John Smith, Happy Homes Developers

Address: 1234 Main Street, Vancouver, BC V6Z 3Z4

Phone: 604-123-4567 E-mail: happyhomes@gmail.com

Part 2. Erosion & Sediment Control Supervisor

Name: Jane Doe

Company: Coquitlam Environmental

Address: 567 David Ave, Coquitlam, BC V3B 7L2

24 hr. Telephone: 604-000-1234 E-mail: Jane.D@Cenvironmental.ca

Part 3. Identification Of Land Where Development Will Occur

Legal Description: PID 987-654-321

Civic Address: 789 Guildford Way, Coquitlam, BC V3B 3A3

Size of Developable Area (approximate hectares): 2.1 Hectares

Expected start date: 01-Jan-14 Expected finish date: 01-Jan-15
dd/mm/yr *dd/mm/yr*

Mandatory ESC Facilities Checklist

At a minimum, the following *ESC Facilities* from the City publication *Erosion & Sediment Control Best Management Practices* must be considered as part of the *ESC Plan* for a given *Development*. The list below represents the minimum *ESC Facilities* for all *Development* sites, but it is the *Developer's* responsibility to include any and all *ESC Facilities* as necessary to ensure compliance with the City of Coquitlam *Stream and Drainage System Protection Bylaw No. 4403, 2013* (the Bylaw).

ESC Facility	Included
Clean Water Management (e.g., interceptor ditch, etc.)	<input checked="" type="checkbox"/>
Access/Egress Controls	<input checked="" type="checkbox"/>
Perimeter Control Measures	<input checked="" type="checkbox"/>
Temporary drainage swale and sump	<input checked="" type="checkbox"/>
Storm Inlet Protection	<input checked="" type="checkbox"/>
Disturbed Surfaces Protection	<input checked="" type="checkbox"/>
Paved Surfaces Sweeping/Maintenance	<input checked="" type="checkbox"/>

✓ (Boxes must be checked before submission)

Developer/ESC Supervisor Signoff

- Completed *ESC Facility* checklist
- ESC Plan* is attached that conforms to the City's *ESC Plan Requirements* and includes the minimum *ESC Facility* requirements as set out above.
- Certified *ESC Facilities* design, monitoring and maintenance cost estimate

✓ (Boxes must be checked before submission)

Developer's Declaration

I (*Developer*) hereby declare that the information included in this form is correct and true as well as all information provided on the *ESC Plan* attached and submitted herewith. I commit to install and maintain the *ESC Facilities* in accordance with the *ESC Plan*. (*ESC Supervisor* and firm) as the *Qualified Professional* for the above noted project has been retained to assist with implementing the *ESC Plan*, and to provide inspection, monitoring, direction, water quality testing and reporting services to ensure compliance with the Bylaw and the approved *ESC Plan*. I understand that the *ESC Supervisor* has the authority halt any *Development* activity if it is deemed necessary to do so to ensure compliance with the Bylaw. I have read and understand the provisions of the Bylaw, and I will abide by all applicable provisions of said Bylaw and such other terms and conditions as may be imposed by the City.

Dated: 19/10/13
dd/mm/yr

Name of Developer or Duly Authorized Agent: John Smith, Happy Homes Developers

Signature of Developer or Duly Authorized Agent

ESC Supervisor's Declaration

I (*ESC Supervisor*) am a *Qualified Professional* as defined in the Bylaw. I hereby confirm that I:

- a) am registered, in good standing, and acting under the Code of Ethics, of one or more of the following professional organizations: Association of Professional Engineers and Geoscientists of BC; Association of BC Forest Professionals; College of Applied Biology; Applied Science Technologists and Technicians of BC; BC Institute of Agrologists; EnviroCert International (Certified Professional in Erosion and Sediment Control); or BC Society of Landscape Architects;
- b) am registered, in good standing, and acting under the Code of Ethics of the Erosion and Sediment Control Association of British Columbia;
- c) have an area of expertise that is recognized in the field of Erosion and Sediment Control as one that is acceptable for the purpose of providing all or part of the design, inspection and monitoring of *ESC Facilities*; and
- d) am acting within my area of expertise.

I have read and understand the provisions of the Bylaw, as well as the responsibilities of the *ESC Supervisor*, outlined in Schedule C to the Bylaw.

Dated: 19/10/13

dd/mm/yr

Name of ESC Supervisor: Jane Doe, Coquitlam Environmental

Signature of ESC Supervisor

This form to be submitted to the Engineering Environmental Services Division.

Erosion and Sediment Control Best Management Practices available at the Building Permits counter, Development Servicing counter and Engineering counter as well as from the City's website.

In Accordance With The Stream And Drainage System Protection Bylaw, No. 4403, 2013

This form is a submission requirement for a Building Permit Application for single family/duplex residential development. Failure to submit a completed form will result in the Building Permit Application being rejected.

Part 1. Developer (or duly authorized agent)

Name: John Smith, Happy Homes Developers

Address: 1234 Main Street, Vancouver, BC V6Z 3Z4

Phone: 604-123-4567

Email: happyhomes@gmail.com

Part 2. Identification of land where development will occur

Legal Description: PID 123-456-789

Civic Address: 123 Guildford Way, Coquitlam, BC V3B 3A3

Size of Developable Area (approximate hectares): 0.7 Hectares

Expected start date: 15/01/14

Expected finish date: 15/08/14

dd/mm/yr

dd/mm/yr

Significant Ground Disturbance: Yes No

Value of Work: Greater than \$150,000 Yes No

Mandatory ESC Facilities Checklist

The following *ESC Facilities* from the City publication *Erosion & Sediment Control Best Management Practices* must be implemented for all Single Family and Duplex *Developments*, but it is the *Developer's* responsibility to include any additional *ESC Facilities* as necessary to ensure compliance with the City of Coquitlam **Stream and Drainage System Protection Bylaw No. 4403, 2013** (the Bylaw).

ESC Facility	Included
Gutters and Downspouts	<input checked="" type="checkbox"/>
Access/Egress Controls	<input checked="" type="checkbox"/>
Perimeter Control Measures	<input checked="" type="checkbox"/>
Temporary drainage swale and sump	<input checked="" type="checkbox"/>
Storm Inlet Protection	<input checked="" type="checkbox"/>
Disturbed Surfaces Protection	<input checked="" type="checkbox"/>
Paved Surfaces Sweeping/Maintenance	<input checked="" type="checkbox"/>

✓ (Boxes must be checked before submission)

