

Bellingham Technical College  
Municipal Stormwater Permit Number: WAR04-5702  
Stormwater Management Plan (SWMP)  
*2020 Annual Update*

**Preface:**

Bellingham Technical College has in the past and continues to perform long-range planning as part of the Master Plan for continued improvement. One component of this process is the Campus Comprehensive Stormwater Improvement and Treatment Analysis. Past analysis and plans have studied the site and identified specific Basins along with treatment structures to improve the quality of our campus' runoff. All runoff from our site currently enters City of Bellingham stormwater infrastructure. Please see attached "Campus Stormwater Treatment Improvements – Treatment Service Area and Basin" map (10/24/02) for general reference.

**Components:**

**Public Education and Outreach (S6.D.1):**

Throughout 2020, stormwater catch basins with metal medallions were monitored for effective messaging and awareness. The educational information regarding our stormwater management plan may be distributed through various media such as, campus electronic and regular bulletin boards, newsletters, College sponsored meetings or events (i.e. staff, faculty, associated student body, sustainability committee, etc.). With COVID-19 related restrictions to our regular operations over the past year and well into 2021, there have been significantly fewer students and staff on site limiting our in-person interactions.

Since the successful "Stormwater U" course at BTC in April 2013, BTC has collaborated with ReSources and others when called upon to leverage both our educational facilities and diverse stormwater management infrastructure to spread awareness about the importance of managing stormwater runoff and pollution. In 2017, Automotive "Leak Fix" workshops took place at BTC utilizing our auto repair program facilities and staff. Since 2017, BTC's Fisheries Program and Facilities team have met with the City of Bellingham regarding future Estuary Planning in Little Squalicum Park adjacent to our campus. Discussions included options for BTC students working with City of Bellingham to do fish counts in the Little Squalicum Creek as ways to support the project.

**Public Involvement and Participation (S6.D.2):**

In August of 2011, BTC published our updated SWMP on the campus website and requested comments from the public. No comments were received. Links for review of BTC's SWMP and Annual Updates can be found via the BTC Website and on our "Policies and Compliance" webpage under "Stormwater Management Plan". Here is a link to that page: [BTC Stormwater Plan](#). Annual SWMP updates are posted on the webpage when annual reports are submitted to Department of Ecology. Links for the public to provide comments are available on the same webpage.

### **Illicit Discharge and Elimination (S6.D.3):**

A policy related to this component was reviewed and approved by the College's President's Council and adopted as BTC policy 260.1 in December 2008.

During 2011, additional work was completed on our Campus-wide Utility As-built drawings, including verification of catch basins and storm drain systems. This work continues to be refined as significant construction projects take place on our campus. The digital files are available for distribution to local jurisdictions if needed.

Our Spill Response plan involves documentation of procedures as described in BTC policy 260.1 (Prohibit Illicit Discharge...) and policy 251.0 (Emergency Handbook – Hazardous Materials Leaks/Spills). BTC also stocks necessary spill response materials on site for quick response and will utilize private contractors for emergency response clean-ups as necessary.

### **Construction Site Stormwater Runoff Control (S6.D.4):**

This component will continue to be complied with via individual construction project permits issued for the site. Communication with the City of Bellingham regarding our interface with their stormwater system infrastructure has also taken place through construction project review and permitting.

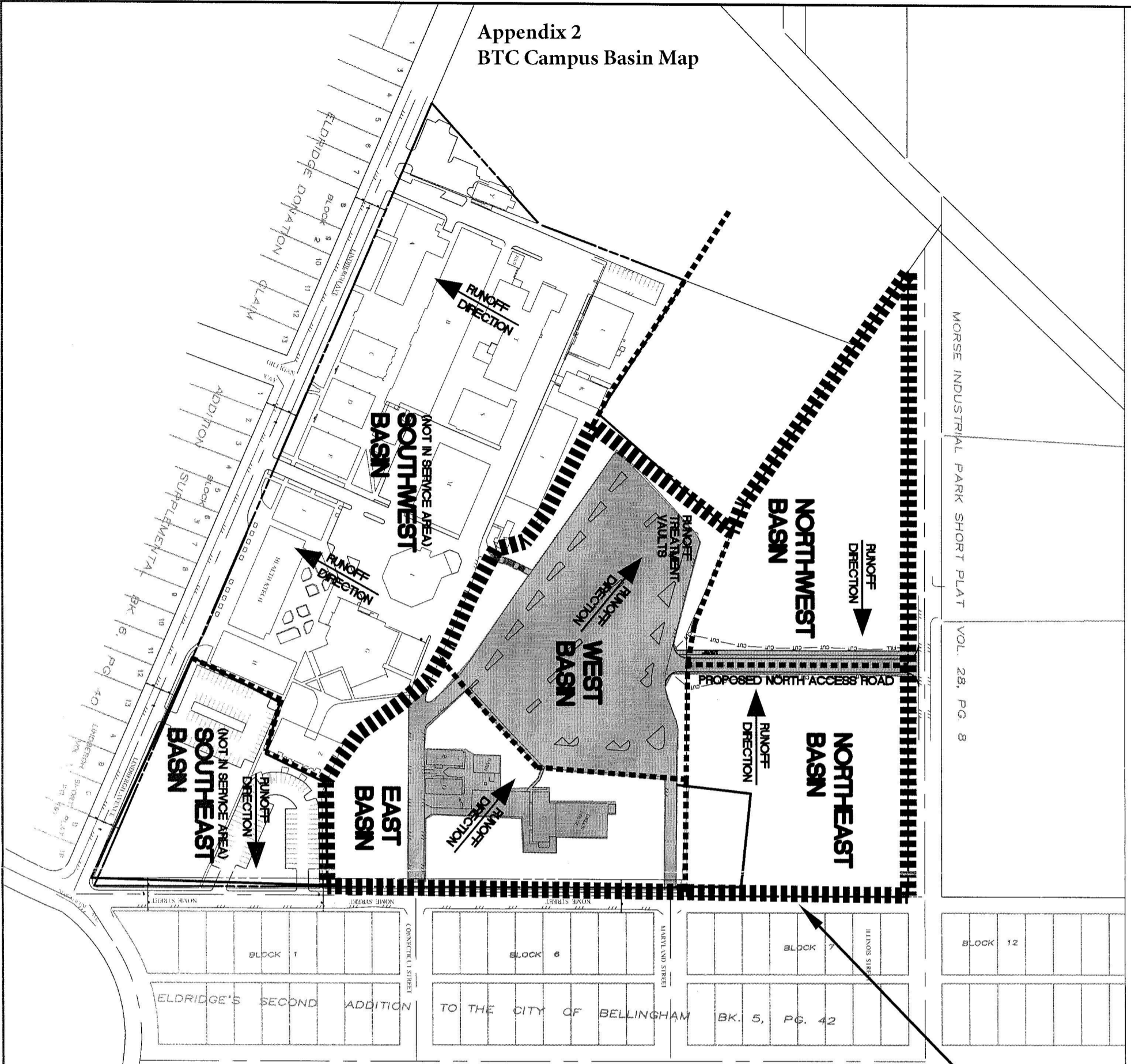
### **Post-Construction Stormwater Management for New Development and Redevelopment (S6.D.5):**

This component will continue to be complied with via individual construction project permits issued for our site. Communication with the City of Bellingham regarding our interface with their stormwater system infrastructure has also taken place through construction project review and permitting and relates to future project compliance and inclusion with our Campus Master Plan.

### **Pollution Prevention and Good Housekeeping for Municipal Operations (S6.D.6)**

This component will continue to be complied with as our campus grows and we develop more awareness and best management practices (BMP's) associated with our available resources and personnel to implement our SWMP. As staffing levels and budgets allow, training opportunities are sought out to help our staff stay current with the BMP's related to stormwater management. Examples of past trainings we have participated are Advanced Long-Term LID Operations: Bio-retention and CESCL certifications. Additional training is gained by our staff in the annual Stormwater Inspection conducted by the City of Bellingham.

### Appendix 2 BTC Campus Basin Map



**TREATMENT SYSTEM  
SERVICE AREA**

■ DENOTES INITIAL IMPERVIOUS  
TREATMENT AREA (5.25 ACRES)



#### BASIN AREA SUMMARY (ACRES)

	IMPERVIOUS	LANDSCAPE	TOTAL
NORTHWEST BASIN	2.6	1.2	3.8
NORTHEAST BASIN	2.5	1.3	3.8
WEST BASIN	3.9	0.7	4.6
EAST BASIN	2.4	1.6	4.0
TOTAL SERVICE AREA	11.4	4.8	16.2
AREAS NOT WITHIN TREATMENT SERVICE AREA			
SOUTHEAST BASIN	-	-	10.9
SOUTHWEST BASIN	-	-	2.6
TOTAL CAMPUS AREA			29.7

SHEET	DATE
<b>1</b>	10/24/02
OF	SCALE
<b>1</b>	AS SHOWN
	JOB NUMBER
	1999-092J

**BELLINGHAM TECHNICAL COLLEGE**  
CITY OF BELLINGHAM WASHINGTON  
**CAMPUS STORMWATER TREATMENT IMPROVEMENTS**  
**TREATMENT SERVICE AREA AND BASIN**

DESIGNED BY	WAH
DRAWN BY	WAH
CHECKED BY	

**Wilson**  
ENGINEERING, L.L.C.  
CONSULTING ENGINEERS & SURVEYORS  
805 DUPONT STREET  
BELLINGHAM, WA 98225  
(360) 733-6100 FAX (360) 647-9061  
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NO.	REVISIONS	BY	DATE

September 21, 2020

The Bellingham Technical College grounds crew including Chris Glatz, Shelby Stamey and Tim Kassiotis attended the colleges annual Storm Water Inspection by the City of Bellingham Storm Water Inspector Katie Marcel. The inspection is part of the Campus Comprehensive Stormwater Improvement and Treatment Analyses which is part of the schools Master Plan. The inspection includes catch basins and storm drain systems, spill response plan, storm water runoff control, pollution prevention and good housekeeping for municipal operations.

*Katie Marcel*

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*Jo Anita*

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*Chris Glatz*

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