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1. Introduction

Stormwater runoff may contain high levels of contaminants such as suspended sediment, nutrients, heavy metal, pathogens, toxins, oxygen-demanding substances, and trash. Stormwater upon leaving Edmonds Community College flows into Hall Creek, which flows into Lake Ballinger, overflow drops into McLaeer Creek, which finally flows into Lake Washington.

- Lake Ballinger is a 100 acre lake located within the cities of Mountlake Terrace and Edmonds. The watershed is approximately 3,250 acres.
- McLaeer Creek originates at Lake Ballinger and flows roughly six miles before draining into the northeast corner of Lake Washington just south of Lyon Creek. The drainage basin is approximately 5,700 acres in size and includes portions of Mountlake Terrace, Shoreline, and Lake Forest Park.
  a. This is a Salmonid habitat suitable for Chinook, sockey, kokanee, and coho salmon, and steelhead, rainbow, and coastal cutthroat trout.

Edmonds Community College has been complying with the federal Clean Water Act by applying for a (NPDES) National Pollutant Discharge Elimination System and State Waste Discharge General Permit with the Department of Ecology. The College filled out a (NOI) Notice of Intent for permit coverage and obtained our Phase II Municipal Stormwater Permit (WAR04-5715) on 12/9/2009.

The Stormwater Management Program (SWMP) is required by the Municipal Stormwater National Pollution Discharge Elimination System (NPDESA) permit issued to Edmonds Community College. The permit itself is required because EdCC operates a Municipal Separate Storm Sewer System (MS4) on campus.

Edmonds Community College is a Secondary Permittee and must comply with all relevant ordinances, rules and regulation of the local Jurisdiction, which is the City of Lynnwood’s stormwater, grading and drainage control codes.

City of Lynnwood Municipal Codes:
http://www.ci.lynnwood.wa.us/Content/CityHall.aspx?id=218

City of Lynnwood Stormwater Management Program:
http://www.ci.lynnwood.wa.us/docs/surface-water-comp-plan.pdf

The Phase II Permit is broken down into six components, and the implementation and enforcement of the six components is collectively referred to as a municipality’s SWMP. The six components are:

a. Public Education and Outreach
b. Public Involvement and Participation
c. Illicit Discharge Detection and Elimination
d. Construction Site Stormwater Runoff Control

e. Post-Construction Stormwater Management for New Development and Redevelopment

f. Pollution Prevention and Good Housekeeping for Municipal Operations

In addition to these six minimum elements, the NPDES Permit II also requires the following:

1. Compliance with stormwater provisions of approved Total Maximum Daily Loads (TMDLs);
2. Monitoring and program evaluation; and
3. Record keeping and annual reporting.

The SWMP is designed to reduce the discharge of pollutants from municipalities to the maximum extent practicable, to satisfy the state requirement to apply “All know, Available, and Reasonable methods of prevention, control and Treatment” (AKART) prior to discharge, and to protect water quality. The Phase II Permit requires that specified activities from each category above be completed each year in order to achieve full compliance by the end of the first permit term. The Operation and Maintenance (O & M) developed for EDCC details through a breakdown (matrices) the required annual NPDES activities. This detailed listing of annual required activities will represent the plan that EDCC will use to track permit elements that are due in any given year and make judgments about the resources needed to meet the requirements. The O & M plan will aid in: (1) tracking program implementation; (2) preparing and updating EDCC’s required NPDES Phase II SWMP; and (3) preparing and submitting required annual NPDES Phase II reports to Ecology.

2. Public Education and Outreach

2.1 Goal: Edcc has their storm drains marked with medallions with PM’s for maintenance.

i. Actions June 2012-2013
   - PM’s in megamations for inspections and maintenance of storm drain inlets. (Re-label in 90 days if not visible)

ii. Planned Actions June 2013-2014
   - Label acquired Gateway, Cedar, and Olympia buildings and sites.

2.2 To promote awareness and support for stormwater management activities among faculty, staff and students and to show how they can prevent pollution of stormwater. Begin implementing specific public education activities as required.

i. Required objectives:
   - Educational Information—How stormwater runoff affects local water bodies
   - Landscaping Practices – Benefits of using well –adapted vegetation
   - Proper use and application of pesticides and fertilizers
   - Alternative equipment washing practices, including lawnmowers, cars, and trucks that minimize pollutants in stormwater.
   - Proper handling and disposal of wastes, including the location of hazardous waste collection facilities in the area;
   - Hazards associated with illicit connections;
   - Benefits of litter control and proper disposal of pet wastes.

ii. Actions taken between June 2012-2013
   - Grounds department staff are required to obtain and keep current their Pesticide Applicators license through yearly educational classes with WSU Pesticide extension department. IPM approach to our weed and pest controls which we only use limit pesticide applications as our last line of defense after every other avenue has been researched and the threshold levels become a health and safety risk.

a. Water Quality and Pesticide Registration Class for Grounds Staff Pesticide Training from Urban IOM Pesticide Safety Education Program from Washington State University.
Edmonds Community College vehicles are cleaned off campus at Car wash facilities. Onsite cleaning of lawns mowers consists of compressed air cleaning of debris and pickup of materials for composting.

All relevant staff persons are currently trained in hazardous waste management, including proper waste disposal and spill prevention. Chemical storage locations are audited every few years by EHS to help ensure that proper management procedures are in place. Hazardous Waste storage area is properly management and checked on a weekly basis according to Department of Ecology procedures.

Low Impact Development techniques, including site design, pervious paving, retention of forests and mature trees. Water gardens, swales, water collections and usage, and water gardens.

a. Horticulture Renovation Class install additional Rain Garden for Parking Lot A.

Grounds staff assigned to quadrants for monitoring and pickup of litter. Trashy Tuesday set up by students for assisting in litter pickup and student educationally involvement.

iii. Planned Actions June 2013-2014

- Publish Newsletters/dissemination of information on stormwater Management at Edcc for Earth days.
- Update and add additional information- stormwater WEB page for the college
- Designing our New SET Science building for 2014 with rain and roof gardens.
  - Rain Garden installed in our Community Garden through a Boeing Grant – April 2013
- Post signs and develop RainGarden/stormwater pamphlets to have available for staff and students in the rain garden area and intertwine information with Tree Walk.
- Horticulture Renovation Class Designs Rain Garden for Brier/MLT area- Designs presented 3-18-2013
- Installation of Rain Garden for Brier and Gateway

- Monthly planned Trashy Tuesday set up by students for assisting in litter pickup and student educationally involvement.
  - Recycle Mania competition- recycling and composting with weekly litter and recycle pickups throughout the campus.
  - Earth Month in April with educational opportunities for students/staff/ and community.
- Yearly Pesticide Training
3. Public Participation and Involvement

3.1 Goal: To promote and facilitate faculty, staff, student and public participation and involvement in the Edmonds Community College stormwater program and planning process (including creating opportunities for the public to participate in the decision making processes involving the development, implementation and update of Edmonds Community College SWMP, development and adoption of all required ordinances, and receipt and consideration of information on construction site stormwater runoff control).

i. Required objectives:
   - Promote and encourage faculty, staff and students with the implementation and updating of our SWMP.
   - Dissemination of information through and encourage public participation with our process.

ii. Actions taken between June 2012-2013
   - WEB site, where all stormwater documents, educational materials and activities are updated and available for staff, students, and the general public.
   - Sustainability Council meeting on a quarter basis nurturing instructors to promote their classes and instruction.

iii. Planned Actions June 2013-2014
   - Facilities staff to read, comment, and integrate concepts into day to day maintenance activities.
   - Promote Stormwater program during Earth Week.
   - Submit plan to sustainability council for review.
   - Obtain PC(Presidents Cabinet) approval.

4. Illicit Discharge Detection and Elimination

4.1 Goal: To comply with all relevant ordinances, rules, and regulation of the City of Lynnwood or other local jurisdiction(s) that govern non-stormwater discharges.

i. Actions taken between June 2012-2013
   - All goals and actions of this section must meet or exceed City of Lynnwood ordinances, rules, and regulations.

ii. Planned Actions June 2013-2014
   - Input into the Design/planning of new SET building.
   - Facilities trained to Identify, respond, contain, and dispose of an illicit discharges
   - Facilities to develop BMPs for handling illicit discharges that might arise at Edmonds Community College.

4.2 Goal: Develop and adopt appropriate policies that prohibit non-stormwater (illicit) discharges and illegal dumping in Edcc MS4 system.
i. Actions taken between June 2012-2013

- Develop and adopt Pollution Control Policy for practicing and promoting environmental stewardship while conducting its day to day activities.
- Continue to comply with DOE and local jurisdictional requirements.
- Megamation work orders for facilities. Continue illicit discharge detection program for buildings/grounds and enforcing corrective actions when problems are found.
- Chemical spill response and emergency management practices are in place to minimize stormwater pollution.

ii. Planned Actions June 2013-2014

| Flips Charts developed for all Classrooms and Offices containing procedures for handling spills and illicit discharges. |
| Continue to develop maintenance and inspection plans developed in Megamations. |
| Updating our EOP (Emergency Operation Plan) focusing on the Hazardous Materials and Potential Spill. |

4.3 Goal: To develop and implement an enforcement plan to ensure compliance with the illicit discharge policies.

- Actions taken between June 2012-2013
  - Develop Pollution Control Policy for practicing and promoting environmental stewardship while conducting its day to day activities.
  - Develop Edcc SWMP that addresses all categories of legal discharges and illicit discharges, procedures to identify these categories, and BMP to address significant sources of pollutants to waters of the state.

Planned Actions June 2013-2014

- Present Pollution Control Policy, SWMP and O & M plan to Presidents Cabinet, staff and facilities departments for adoption.

4.4 Goal: Develop and maintain current maps of Edcc MS4 system, showing the location of all known storm drain outfalls, labeling the receiving waters, and delineating the areas contributing runoff to each outfall.

i. Actions taken between June 2012-2013

- Updated current CAD drawing of the College MS4 system.

ii. Planned Actions June 2013-2014
4.5 Goal: Conduct Field inspections and visually inspect for illicit discharges and all know outfalls.
   i. Actions taken between June 2012-2013
      - We have Identified 8 outfalls for EdCC MS4 system. These are all smaller than the required 24" outfalls for reporting and sampling.
      - Set up PM’s in Megamations for field inspections and visually inspections for illicit discharges.
   ii. Planned Actions June 2013-2014
      - Continuing Inspections with PM’s
      - Informal Inspection of outfalls downstream from our MS4 system in Lynnwood and Mountlake Terrace.

4.6 Goal: Develop procedures for characterizing illicit discharges, spills, or illegal dumping, and procedures for tracing and removing sources of illicit discharges.
   i. Actions taken between June 2012-2013
      - Updated Pollution Control Policy outlining discharges, spills or illegal dumping.
      - Installation of Catch basin socks for Baseball/Soccer field rubber particles entering the MS4 system.
      - Setting up temporary mats and then applying for grant funds to purchase permanent mats to keep rubber turf particles from transporting away from the fields.
   ii. Planned Actions June 2013-2014
      - Installation of permanent mats for Baseball field
      - Continued update Policy as illicit discharges are identified.

4.7 Goal: Develop and implement a spill response plan that includes coordination with a qualified spill responder.
   i. Actions taken between June 2012-2013
Currently contracted out to Clean Harbors for all of our hazardous waste materials.
Developed and implemented Edcc spill response plan with Grounds Staff and Environmental Health and Safety Team.

ii. Planned Actions June 2013-2014

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Expand Trained personnel (Security, maintenance, faculty)</td>
<td>Contract with Clean Harbors for large spills for cleanup possible due to Earthquake/environmental accidents.</td>
</tr>
</tbody>
</table>

4.8 Goal: Provide adequate training for relevant staff on proper best management practices BMP for preventing spills and illicit discharges.

i. Actions taken between June 2012-2013

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Chemical storage locations are audited monthly by EHS to help ensure that proper management procedures are practiced.</td>
<td>Hazardous Waste storage area is properly managed and checked on a weekly basis according to Department of Ecology hazardous waste requirements.</td>
</tr>
<tr>
<td></td>
<td>Physically identifying Waste stream storage areas through Wall signage and bright colored floor tape.</td>
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</table>

ii. Planned Actions June 2013-2014

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<thead>
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<tbody>
<tr>
<td>Hazwopper Training for Edcc management staff.</td>
<td>Hazardous waste training for EHS staff</td>
</tr>
<tr>
<td></td>
<td>Continue Audits of Hazardous Waste Storage areas</td>
</tr>
<tr>
<td></td>
<td>Set up rugs for collecting rubber from the field and educating staff/students/ and rental staff through developed protocol.</td>
</tr>
</tbody>
</table>

5. Construction Site Stormwater “Runoff Control - Special Condition S6.D.4

5.1 Goal: To prevent the discharge of sediment and other construction-related pollutants from construction sites.

i. Actions taken between June 2012-2013
Edmonds Community College facilities in conjunction with City of Lynnwood oversees construction projects one acre or greater that require Construction Stormwater NPDES (National Pollutant Discharge Elimination Systems)

Contract specifications for Edmonds Community College capital projects must include full compliance with the City of Lynnwood stormwater requirements for construction activities. Facilities, architects, engineers, and contractor conduct design and site plan reviews to verify that best management practices are implemented to control erosion and sediment at the site.

If Temporary Erosion Control Plans (TESC's) are required then contractors are required to have staff trained in erosion control. All Temporary Erosion Control Plans (TESC's), submitted with building permits, are subject to approval by City of Lynnwood whether construction drains to the City’s or EdCC’s MS4. The City and EdCC sees no distinction between the two systems when it comes to building permits and construction stormwater protection.

Develops the SWMP during the design stage and obtains a stormwater permit prior to construction activities. The Permit is then transferred to the contractor upon award of project contract. Contractors must adapt the SWMP as the construction project progresses to meet changing conditions on-site. The contractor develops monthly Discharge Monitoring Reports (DMRs) which are reviewed by Edcc and transmitted to DOE.

Construction projects may be inspected by DOE periodically. Coordinate, as requested, with the facilities Department or the local jurisdiction to provide access for inspection of construction sites under the control of the Secondary Permittee during the active grading and/or construction period.

Facilities manage Edcc projects that are typically under one acre and do not require a construction stormwater permit, but Best Management Practices (BMPs) to prevent soil erosion and/or stormwater pollution are still used.

Provide training or coordinated with existing training efforts to educated relevant staff in erosion and sediment control BMPs (Best Management Practices) and requirements or hire trained contractors to perform the work.

## ii. Planned Actions June 2013-2014

<table>
<thead>
<tr>
<th>Action</th>
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</thead>
<tbody>
<tr>
<td>Continue to comply with DOE and local jurisdictional requirements.</td>
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<tr>
<td>Require and check Contractors to develop and implement construction SWAP and BMP practices.</td>
</tr>
</tbody>
</table>

## 7 Post-construction Stormwater Management for New Development and Redevelopment.
### 7.1 Goal: Control stormwater runoff from new development and redevelopment projects.

#### i Actions taken between June 2012-2013

- Comply with all relevant City of Lynnwood ordinances, rules and regulations of the City that govern post-construction stormwater pollution prevention measures.
- Designs buildings to meet Leadership in Energy and Environmental Design (LEED) requirements and most current construction projects have detention facilities for management of stormwater.

#### ii. Planned Actions June 2013-2014

- Continue complying with City of Lynnwood ordinances, rules and regulations.

### 8 Pollution Prevention and Good Housekeeping.

#### 8.1 Goal: To reduce pollutant loading in stormwater runoff from roadways, parking areas, maintenance and storage yards, waste transfer stations, parks, and impervious surfaces.

#### i Actions taken between June 2012-2013

- Actions: Implement O & M Plan which includes appropriate pollution prevention and good housekeeping procedures for operations, activities and/or types of facilities that are present within EdCC boundaries.
- Identified sites throughout campus and developed BMP practices

#### ii. Planned Actions June 2013-2014

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<table>
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<tr>
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</thead>
<tbody>
<tr>
<td></td>
<td>Post Current O &amp; M plan on our EdCC WEB site along with current changes and updates.</td>
</tr>
<tr>
<td></td>
<td>Facilities teams implement O &amp; M plan into everyday maintenance activities.</td>
</tr>
<tr>
<td></td>
<td>Identify and evaluate all BMP practices performed by EdCC.</td>
</tr>
</tbody>
</table>

### 9 Monitor

#### 9.1 Monitor all swales, outfalls, and catch basins.

#### i Actions taken between June 2012-2013
Monitor, inspections, and maintenance are tracked through Megamation corrective and preventive work orders.

Camera footage of problem areas and location projections.

iii. Planned Actions June 2013-2014

| ┌─────────────────────────────────────────────┐
| │ Redue section of crushed piping to obtain better flow for Baseball hitting building. │
| │ Continued monitor, inspections, and maintenance are tracked through Megamation corrective and preventive work orders. │
| │ Planned inspections and camera footage for structures. │
| └─────────────────────────────────────────────┘

9.2 Goal: Sampling and testing water samples to assure water quality that meets or exceeds Department of Ecology requirements.

i Actions taken between June 2012-2013

- No sampling required presently. Since we do not have any industrial sites on the campus, the permit does not require us to monitor.
- City of Lynnwood is currently sampling for Fecal material in our down stream water sheds.
- Students in the Engineering Classes Checked flows of MS4 catch basins and discussed procedures for collecting samples and took samples, but none were actually tested off campus at a lab, only by the students in the Chemistry lab. The students did not follow through so final tests were not completed or recorded.

ii. Planned Actions June 2013-2014

| ┌─────────────────────────────────────────────┐
| │ Sampling may be planned just for knowledge of our health of our system, but not required at this time by DOE. │
| └─────────────────────────────────────────────┘
10 Record Keeping

10.1 Goal: Keep records of inspections and follow-up activities, staff training, and other related items.

i  Actions taken between June 2012-2013

- Corrective work orders kept in Megamations.
- Documentation inputted into SWMP workbook.
- Maintain and supply accurate records through the use of Megamations and Purchasing Express for work orders and purchased services.
- Education activities, classes and training exercises shall be documented for yearly reports.

ii. Planned Actions June 2013-2014

<table>
<thead>
<tr>
<th>Date</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-19-2013</td>
<td>O &amp; M plan updated as new and current information and procedures are developed.</td>
</tr>
<tr>
<td>3-20-2013</td>
<td>SWMP updated and evaluated as records and new BMP are introduced.</td>
</tr>
<tr>
<td></td>
<td>Verify that stormwater detention facilities are functioning properly and in compliance with regulatory requirements.</td>
</tr>
<tr>
<td></td>
<td>When Campus Master Plan is update, a comprehensive water/stormwater management plan will be addressed.</td>
</tr>
<tr>
<td></td>
<td>Train all employees who have primary construction, operations, or maintenance job functions that are likely to impact stormwater quality.</td>
</tr>
</tbody>
</table>

11 Amendment

Article II. SWPPP Amendment Log

Instructions:
Include in your records:
- A log of the date and description of any amendments to your SWPPP.
- Attached Amendment in Stormwater Management Plan Binder

Fill in the appropriate columns of this table for each amendment to your SWPPP. Copy and paste additional rows into the table as necessary:

<table>
<thead>
<tr>
<th>Amend. No.</th>
<th>Description of the Amendment</th>
<th>Date of Amendment</th>
<th>Amendment Prepared by [Name(s) and Title]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amend. No.</td>
<td>Description of the Amendment</td>
<td>Date of Amendment</td>
<td>Amendment Prepared by [Name(s) and Title]</td>
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<tr>
<td>1</td>
<td>Pollution Control Plan</td>
<td>3-19-2013</td>
<td>Stanley Linder (Associate Director Facilities gds &amp; ehs)</td>
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<td>2</td>
<td>Hazardous Materials Spill Response</td>
<td>3-19-2013</td>
<td>Stanley Linder (Associate Director Facilities gds &amp; ehs)</td>
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<tr>
<td>3</td>
<td>StormWater Operations &amp; Maintenance Plan</td>
<td>3-19-2013</td>
<td>Stanley Linder (Associate Director Facilities gds &amp; ehs)</td>
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<td>4</td>
<td>SWPPP</td>
<td>3-19-2013</td>
<td>Stanley Linder (Associate Director Facilities gds &amp; ehs)</td>
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<tr>
<td>5</td>
<td>SWMP</td>
<td>3-20-2013</td>
<td>Stanley Linder (Associate Director Facilities gds &amp; ehs)</td>
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<td>Insert description of amendment</td>
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