CITY COUNCIL STUDY SESSION AGENDA
March 23, 2015
7:00 p.m.

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

4. CORRESPONDENCE FOR THE RECORD
   a. E-mail Dated March 11, 2015, from John Poitras Regarding Council Rules and an Individual Unfit to Serve Who Needs to be Removed from the Commission for Cause. (Due to the nature of content, this was not reproduced here but is available for review as a public record)
   c. E-mail Dated March 13, 2015, from C. Edgar Regarding Inaccuracies That Have Been Put on the Public Record Relating to the City Council.

5. DISCUSSION ITEMS
   a. Joint Meeting of the City Council and Planning Commission and Introduction to Critical Areas Ordinance Update. (see attached detailed agenda)

6. COUNCIL REPORTS

7. ADJOURNMENT
March 16, 2015
To the Burien City Council;

One year and three months ago, I spoke before this group requesting that the Council work on the below list of items to improve the city for the benefit of all of the citizens and the city overall:

1. the establishment of a Youth Advisory Board that reports directly to the Council

2. the work of fulfilling the promise to citizens of a Community Activity Center to benefit the health of our youth and all citizens. This center would also have alleviated the problem of personal hygiene facilities for the disadvantaged in the city.

3. a city magazine publication to provide news about the city and to promote economic development by merchants advertising in it

4. a farmers market on the weekend/Sunday to serve all of the citizens in Burien. Currently the city gives 40-50% funding to a market that only serves a select few people in the city.

5. a 1yr- 3yr- 5yr. action plan to move economic development along in the city and to save our small businesses. Burien lost 2000 jobs between 2008-2012 and still more small businesses continue to close in the city. The Town Square business property is still empty.

6. a set of rules for the Council to operate by.

Sadly, the Council has not even completed one of these items.

Now a Council member is bringing a plan before you as an item that is supposedly time sensitive that needs immediate action—buying greenhouses. This has never been a priority with Burien citizens or even mentioned on any citizen surveys. And while it might be a good private enterprise endeavor, it should not be an action or investment item for the city.

It is the constant internal struggle for power brought on by a few council members that keep Burien from moving forward on the items that really can promote the best interests of all of the citizens and the businesses in the city. Most Burien citizens believe that the Council should operate by some form of shared democratic leadership model. However, a few members of the Council keep trying to impose Narcissistic leadership onto the group and the city manager. As long as this internal struggle continues on in the Council, new businesses and developers will be driven away from the city.

3/23/15 CFTR
This Council needs to come together and work as a team on what are citizen and business identified goals and visions for the city and not individual Council members' personal ego and power trips. Council members, please get your act together and work as a team to benefit the city and all of the citizens.

See the attached items on leadership theory and successful team characteristics.

Respectfully,
C.Edgar-Please add this letter to the next council packet
Source Wikipedia Main article: Leadership styles

A leadership style is a leader's style of providing direction, implementing plans, and motivating people. It is the result of the philosophy, personality, and experience of the leader. Rhetoric specialists have also developed models for understanding leadership (Robert Hariman, Political Style,[52] Philippe-Joseph Salazar, L'Hyperpolitique. Technologies politiques De La Domination[53]).

Different situations call for different leadership styles. In an emergency when there is little time to converge on an agreement and where a designated authority has significantly more experience or expertise than the rest of the team, an autocratic leadership style may be most effective; however, in a highly motivated and aligned team with a homogeneous level of expertise, a more democratic or laissez-faire style may be more effective. The style adopted should be the one that most effectively achieves the objectives of the group while balancing the interests of its individual members.[59]

Autocratic or authoritarian

Under the autocratic leadership style, all decision-making powers are centralized in the leader, as with dictators.

Leaders do not entertain any suggestions or initiatives from subordinates. The autocratic management has been successful as it provides strong motivation to the manager. It permits quick decision-making, as only one person decides for the whole group and keeps each decision to him/herself until he/she feels it needs to be shared with the rest of the group.[59]

Participative or democratic

The democratic leadership style consists of the leader sharing the decision-making abilities with group members by promoting the interests of the group members and by practicing social equality. This has also been called shared leadership.

Laissez-faire or free-rein

A person may be in a leadership position without providing leadership, leaving the group to fend for itself. Subordinates are given a free hand in deciding their own policies and methods. The subordinates are motivated to be creative and innovative.

Narcissistic

Main article: Narcissistic leadership

Narcissistic leadership is a leadership style in which the leader is only interested in him/herself. Their priority is themselves - at the expense of their people/group members. This leader exhibits the characteristics of a narcissist: arrogance, dominance and hostility. It is a common leadership style. The narcissism may range from anywhere between healthy and destructive. To critics, "narcissistic leadership (preferably destructive) is driven by unyielding arrogance, self-absorption, and a personal egotistic need for power and admiration."[58]
Toxic

Main article: Toxic leader

A toxic leader is someone who has responsibility over a group of people or an organization, and who abuses the leader–follower relationship by leaving the group or organization in a worse-off condition than when he/she joined it.

Task-oriented and relationship-oriented

Main article: Task-oriented and relationship-oriented leadership

Task-oriented leadership is a style in which the leader is focused on the tasks that need to be performed in order to meet a certain production goal. Task-oriented leaders are generally more concerned with producing a step-by-step solution for given problem or goal, strictly making sure these deadlines are met, results and reaching target outcomes.\(^{[61]}\)

Relationship-oriented leadership is a contrasting style in which the leader is more focused on the relationships amongst the group and is generally more concerned with the overall well-being and satisfaction of group members.\(^{[62]}\) Relationship-oriented leaders emphasize communication within the group, shows trust and confidence in group members, and shows appreciation for work done.

Task-oriented leaders are typically less concerned with the idea of catering to group members, and more concerned with acquiring a certain solution to meet a production goal. For this reason, they typically are able to make sure that deadlines are met, yet their group members' well-being may suffer.\(^{[61]}\) Relationship-oriented leaders are focused on developing the team and the relationships in it. The positives to having this kind of environment are that team members are more motivated and have support, however, the emphasis on relations as opposed to getting a job done might make productivity suffer.\(^{[61]}\)

Executives

Executives are energetic, outgoing, and competitive. They can be visionary, hard-working, and decisive. However, managers need to be aware of unsuccessful executives who once showed management potential but who are later dismissed or retired early. They typically fail because of personality factors rather than job performances.

Terms fallacies in their thinking are:

- **Unrealistic optimism fallacy**: Believing they are so smart that they can do whatever they want
- **Egoencentism fallacy**: Believing they are the only ones who matter, that the people who work for them don't count
- **Omniscience fallacy**: Believing they know everything and seeing no limits to their knowledge
- **Omnipotence fallacy**: Believing they are all powerful and therefore entitled to do what they want
- **Invulnerability fallacy**: Believing they can get away with doing what they want because they are too clever to get caught; even if they are caught, believing they will go unpunished because of their importance.
Characteristics of a Team

- There must be an awareness of unity on the part of all its members.
- There must be interpersonal relationship. Members must have a chance to contribute, and learn from and work with others.
- The members must have the ability to act together toward a common goal.

Ten characteristics of well-functioning teams:

- Purpose: Members proudly share a sense of why the team exists and are invested in accomplishing its mission and goals.
- Priorities: Members know what needs to be done next, by whom, and by when to achieve team goals.
- Roles: Members know their roles in getting tasks done and when to allow a more skillful member to do a certain task.
- Decisions: Authority and decision-making lines are clearly understood.
- Conflict: Conflict is dealt with openly and is considered important to decision-making and personal growth.
- Personal traits: members feel their unique personalities are appreciated and well utilized.
- Norms: Group norms for working together are set and seen as standards for every one in the groups.
- Effectiveness: Members find team meetings efficient and productive and look forward to this time together.
- Success: Members know clearly when the team has met with success and share in this equally and proudly.
- Training: Opportunities for feedback and updating skills are provided and taken advantage of by team members.
Dear Ms. Edgar,

Thank you for writing to the City Council to express your concerns. Your email will be included in a future Council agenda packet as Correspondence for the Record.

Sincerely,

Carol Allread
Executive Assistant

----- Forwarded Message ----- 
From: Chestine Edgar [mailto:c_edgar2@yahoo.com]
Sent: Friday, March 13, 2015 7:28 AM
To: Monica Lusk; Kamuron Gurol; Lucy Krakowiak
Subject: Fw: inaccuracies that have been put on the public record relating to the City Council

Please see the below corrected version for the public record.

lucyk@burienwa.gov
bobe@burienwa.gov
stephena@burienwa.gov
jerryr@burienwa.gov
nancyt@burienwa.gov
debiw@burienwa.gov
monical@burienwa.gov
kamurong@burienwa.gov

March 13, 2015

To the Burien City Council;

Several untrue statements and a letter have been entered onto the Public Record at the last couple of meetings of the Burien City Council. When these falsehoods remain on the record unchallenged, they
are then later assumed to be the truth. This letter is intended to point out the inaccuracies of these claims and statements.

1. The decision on the new White Center Library- It has been implied that public information gathering for this decision was rushed and happened in a hurry only after AreaY/North Highline decided not to annex to Burien. Attached below is an excerpt from the White Center Now Blog, Jan. 5, 2012 about a North Highline Unincorporated Area Council (NHUAC) meeting relating to the location of this library. This blog record shows that input and work was being done on the location issue prior to the Boundary Review Board even voting to allow annexation for Area Y/North Highline on the ballot and that another location was being suggested by the NHUAC as well as Mike Martin/previous Burien City Manager prior to the annexation vote.

BURIEN UPDATE – INCLUDING ANNEXATION AND LIBRARY CONSOLIDATION: Burien city manager Mike Martin said he’ll be at next Monday’s Boundary Review Board meeting on the annexation proposal (7 pm January 9th at Cascade Middle School), missing a Burien City Council meeting – the first one, he says, he’s ever missed – in order to be present. He says no surprises are expected. … He gave a shoutout to new staffer Nhan Nguyen (left), who (as mentioned at a previous meeting) is now a management analyst for Burien … Then he talked about the library controversy. “You probably don’t know we’ve put together a little ad-hoc group,” Martin said, including NHUAC president Barbara Dobkin, to focus on the issue; it met most recently, he said, last night. “We really tried to dissemble the whole thing and see ‘what makes sense’,” Martin explained. Rather than just oppose the consolidation plan, Martin said, they want to be able to tell the county library system what they think SHOULD happen. He said “a couple themes have emerged” – that the Boulevard Park Library “is a unique facility and serves a function greater than being a library – it’s a gathering spot, it’s iconic, it’s the sole representative of government there …” So, he says, there’s probably “no compromise” that the Boulevard Park Library must stay open in some form, at its location. So, he said, the group is now focusing on the White Center Library, with a lot of discussion focusing on it also having importance beyond just being a library – being “community-centric.” The location, though, may not be so important, so they’re talking about whether other sites might make sense. And, he says, they are taking into account such things as “what if Seattle annexed that area in 10 years?” even though that seems unlikely, at the very least. Factors they are evaluating include social justice and economy of scale, and whether the building of a White Center Library could serve some other function. Bottom line, though, he said, the group has reached “no conclusions,” in its “free-ranging, candid” discussions thus far. Martin reiterated that he doesn’t want to just “stop the (consolidation) project,” but rather put forward an alternative proposal. NHUAC member Ron Johnson brought up the matter of proximity to schools; Martin said there are even better places a library could be than its current site, that is a key issue. (If you’ve missed previous coverage of the issue, the library board decided to table the consolidation discussion until after the Boundary Review Board makes its decision on furthering the annexation proposal, after next week’s hearing. The board’s next meeting is January 24th: no agenda is posted yet.) Dobkin noted that a location closer to downtown White Center might be optimal; while that has in the past stirred concern that it was too close to Seattle, Martin pointed out the possibilities of economic spinoff – he consulted Nguyen for a bit of data, that 35,000 people from Seattle use county libraries in this area, and what if they all also came to patronize the White Center business district while doing that – “seeing those business rising during their visits?

COUNCIL ANNOUNCEMENTS: President Barbara Dobkin reminded everyone about the Boundary Review Board meeting, noting that the board will be ready to hear public comment; on behalf of the council, Dobkin plans to speak in favor of the annexation proposal … NHUAC member

2. A letter in the 3/2/15 Council packet from a North Highline Citizen and North Highline Fire District Commissioner/ Liz Giba that stated that it was a neighborhood in the City of Burien
that made the decision for Area Y/ North Highline not to be annexed to Burien. As an elected
official, this North Highline citizen well knows the decision on annexation was made by the residents
of North Highline in a fair election process. North Highline citizens voted 2 to 1 not to join Burien-see
the King County Election site.

3. A person claiming to be from Seattle group/SAFE claimed at the 2/23/15 Council meeting
that Burien police were cutting up sleeping bags of the homeless. This group SAFE in Seattle is
not a state registered charity or a political action group registered with the State of Washington. It
solicits money donations from the public but it is unclear where this money goes to as this group has
no posted treasurer on its website and takes issue with banks and credit unions. It original
organizational purpose was Standing Against Foreclosure and Eviction and stopping bank evictions.
Most of its membership? appears not to be from Burien or Burien citizens. SAFE has a website and
Facebook page that contains numerous inaccuracies and libelous reports and statements. So there
is a very strong possibility that statements made about the Burien police may be false. In
contacting the Burien police they claim that they have no knowledge that practices of cutting open
sleeping bags of the homeless just for spite by the Burien police has occurred. But they stated that if
such an incident did occur, they would welcome a report on it and would follow up on that report. The
speaker from SAFE was not a member of the SAFE Board. Membership for this group is very loose
and does not appear to follow formal guidelines.

Respectfully,
C. Edgar

Please put this letter in the next council meeting packet.
Agenda

City Council/Planning Commission Joint Meeting
Critical Area Ordinance Update
March 23, 2015

I. Welcome – Mayor/Planning Commission Chairman

II. Public Comment on Critical Area Ordinance (CAO)

III. Critical Areas Ordinance Update Scope/Objectives – Staff

IV. Consultant Presentation
   o GMA requirements
   o Best Available Science Education
   o Background work Completed in 2011 and 2012
   o 2015 Tasks

V. Council Guidance on Update Process and Policy
   o Consistent with GMA and Best Available Science
   o Consistent with 2011 and 2012 BAS Review and Gap Analysis
   o Reconcile Differences Between CAO and Shoreline Master Program (SMP)
   o Limited Local Options and CAO Update Scope

VI. Schedule and Public Involvement Process
   o Planning Commission (3 meetings including public hearing)
   o City Council (2 meetings)
   o Coordinating CAO Amendments with SMP (after June)
   o Public Involvement

VII. Other Topics of Interest
DATE: March 19, 2015

TO: Burien City Council

FROM: Charles “Chip” Davis, AICP, Community Development Director
       David Johanson, AICP, Senior Planner

SUBJECT: Joint City Council and Planning Commission Meeting regarding Critical Area Ordinance Update

In anticipation of Monday’s Joint Meeting, we have attached a copy of Burien Municipal Code (BMC) Chapter 19.40, Critical Areas. Chapter 19.40 includes the development regulations applying to all critical areas located within the City of Burien and will be the focus of our update efforts. City staff and the consultant, The Watershed Company, will provide a detailed briefing and PowerPoint presentation at the meeting.

Attachment:
1) BMC Chapter 19.40 Critical Areas
19.40 Critical areas

Purposes and General Provisions
19.40.010 User guide.
19.40.020 Purposes and goals.
19.40.030 Relationship to other regulations.
19.40.040 Applicability.
19.40.050 Protection of critical areas.
19.40.060 Best available science.
19.40.070 Exemptions and exceptions.
19.40.080 Reserved.

Critical Area Review
19.40.090 Critical area review.
19.40.100 Review criteria.

Critical Area Study
19.40.110 Critical area study – waiver.
19.40.120 Critical area study - requirements.
19.40.130 Critical area study – modifications to requirements.

Critical Area Determination
19.40.140 Determination.
19.40.150 Appeal of determination.

General Critical Area Development Standards
19.40.160 Construction requirements.
19.40.170 Mitigation, maintenance and monitoring.
19.40.180 Bonds.
19.40.190 Vegetation management plan.
19.40.200 Critical area markers and signs.
19.40.220 Permanent protection of critical areas and buffers.
19.40.230 General development standards
19.40.240 Flood hazard areas - Components.
19.40.250 Flood fringe - Development standards and permitted alterations.
19.40.270 FEMA floodway - Development standards and permitted alterations.
19.40.280 Flood hazard areas - Certification by engineer or surveyor.
19.40.290 Geologically hazardous areas - Development standards and permitted alterations.
19.40.300 Wetlands – Designation and Classification.
19.40.310 Wetlands – Performance Standards.
19.40.320 Wetlands – Permitted Alterations.
19.40.350 Streams – Performance Standards.
19.40.360 Streams – Permitted Alterations.
19.40.370 Streams – Mitigation Requirements.
19.40.390 Fish and Wildlife Habitat Conservation Areas -- Performance Standards.
19.40.400 Fish and Wildlife Habitat Conservation Areas – Permitted Alterations.
19.40.410 Fish and Wildlife Habitat Conservation Areas – Specific Habitats
19.40.420 Critical aquifer recharge areas – Designation and Classification.
19.40.430 Critical aquifer recharge areas – Performance Standards.

PURPOSES AND GENERAL PROVISIONS

19.40.010 User guide.

This chapter establishes regulations pertaining to the development within or adjacent to critical areas. Many areas of Burien have been or may become classified as critical areas by the City or other public agencies. [Ord. 376 § 1, 2003]

19.40.020 Purposes and Goals.

The City finds that critical areas provide a variety of valuable and beneficial biological and physical functions that benefit the City and its residents, and/or may pose a threat to human safety or to public and private property. The beneficial functions and value of critical areas include, but are not limited to, water quality protection and enhancement, fish and wildlife habitat, food chain support, flood storage, conveyance and attenuation of storm runoff, ground water recharge and discharge, wave attenuation, aesthetic value protection, and recreation. Hazards include landslides, flooding and excessive erosion. This chapter is to be administered with flexibility and attention to site-specific characteristics. It is not the intent of this chapter to make a parcel of property unusable by denying its owner reasonable use of the property.

1. Purposes. The purposes of this chapter are to:

   A. Implement the goals, policies, guidelines and requirements of the Washington State Environmental Policy Act, Chapter 43.21C RCW, Growth Management Act, Chapter 36.70A RCW and the City of Burien comprehensive plan which call for protection of the natural environment and the public health, safety and welfare, and allowing for appropriate urban development within the region’s urban growth area.

   B. Regulate the use of critical areas in accordance with the Growth Management Act and through the application of best available science, as determined according to WAC 365-195-900 through 365-195-925, as amended, and in consultation with state and federal agencies and other qualified professionals.

2. Goals. By regulating development and alteration of critical areas and their buffers, this chapter seeks to:

   A. Preserve and enhance the ecological value of critical areas to maintain the functional integrity of the natural environment.

   B. Protect public health, safety and welfare by minimizing adverse impacts and risks associated with development in critical areas.

   C. Preserve the quality of life in Burien.

   D. Minimize public and private expenditures to correct future misuses of critical areas.
E. Provide City officials with **sufficient information, direction and authority** to identify and if necessary, regulate development of **critical areas**, mitigate impacts on **critical areas** and enforce **critical area regulations and permit conditions**.

F. **Encourage flexibility and creativity** in the development of property containing or adjacent to **critical areas**, to meet the requirements and goals of this chapter while preserving property rights; and

G. **Educate** the community about the hazards, risks, functions, and value of Burien’s **critical areas** and the responsibility of the City to protect and preserve the natural environment for future generations. [Ord. 376 § 1, 2003]

### 19.40.030 Relationship to other regulations.

1. Greater restrictions. When any provision of this code conflicts with this chapter or when the provisions of this chapter are in conflict, the provision that provides more protection to **critical areas** shall apply, unless specifically provided otherwise in this chapter or unless such provision conflicts with federal or state laws or regulations.

2. Multiple buffers. When more than one **critical area** affects a **site** and multiple **buffers** are required, all required **buffers** must be provided, unless specifically provided otherwise in this chapter. Where **buffers** overlap, the most restrictive **buffer** applies.

3. Compliance with the provisions of this chapter does not constitute compliance with other federal, state, and local regulations and permit requirements that may be required. The **applicant** is responsible for complying with these requirements, apart from the process established in this chapter. [Ord. 376 § 1, 2003]

### 19.40.040 Applicability.

1. Compliance required. **Alteration**, **development**, **use**, and/or activities proposed within or adjacent to **critical areas** and their required **buffers** shall comply with the provisions of this chapter. **Critical areas** and their required **buffers** shall not be altered except as allowed by this chapter.

2. Identification and classification of critical areas. The **Director** shall identify and classify **critical areas** as follows:

   **A. Critical Areas Map.** The locations of many **critical areas** in Burien are displayed on the City of Burien’s Critical Areas Map, which is hereby adopted by reference. This map is used to alert the public of the potential location of **critical areas** in Burien. As new environmental information related to **critical areas** becomes available, the **Director** is hereby designated to periodically make such changes as necessary to the Critical Areas Map.

   **B. Actual site conditions.** Regardless of whether a **critical area** is shown on the **critical areas** map, the actual presence or absence of the features defined in this code as **critical areas** shall govern. The **Director** may require the **applicant** to submit technical information to indicate
whether critical areas actually exist on or adjacent to the applicant’s site, based on the definitions of critical areas in this code.

3. Adjacency. For the purposes of this Chapter, land is “adjacent” to a critical area if it is:

A. Land that contains the required critical area buffer width and building setback;
B. Land within one hundred (100) feet upland from a stream, wetland or lake;
C. Land within 800 feet of a bald eagle nest;
D. Land within 200 feet from a designated critical aquifer recharge area, or
E. Land within the floodway or floodplain. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.050 Protection of critical areas.

Any action taken pursuant to this Chapter shall result in equivalent or greater functions and value of the critical areas associated with the proposed action, as determined by the best available science. All actions and developments shall be designed and constructed to avoid, minimize and restore all adverse impacts. Applicants must first demonstrate an inability to avoid or reduce impacts, before restoration and compensation of impacts will be allowed. No activity or use shall be allowed that results in a net loss of the functions or value of critical areas. [Ord. 376 § 1, 2003]

19.40.060 Best available science.

1. Criteria for best available science. The best available science is that scientific information applicable to the critical area prepared by local, state or federal natural resource agencies, a qualified scientific professional or team of qualified scientific professionals, that is consistent with criteria established in WAC 365-195-900 through WAC 365-195-925, as amended.

2. Protection for functions and value and anadromous fish. Critical area studies and decisions to alter critical areas shall rely on the best available science to protect the functions and value of critical areas and must give special consideration to conservation or protection measures necessary to preserve or enhance anadromous fish and their habitat, such as salmon and bull trout. [Ord. 376 § 1, 2003]

19.40.070 Exemptions and exceptions.

1. Avoid or limit impacts. All exempt activities shall use city-approved best management practices and other reasonable methods to reasonably minimize impact to critical areas and their required buffers. To be exempt from this Chapter does not give permission to degrade a critical area or ignore risk from natural hazards. The Director may require submittal of a critical area study pursuant to BMC 19.40.110 through BMC 19.40.130 if needed to assess public safety risks associated with the proposal. Restoration of non-exempted alterations or damage to a critical area or its buffer may be required.
2. Exempt activities. The following shall be exempt from the provisions of this Chapter; however, the activities listed below may not be exempted from other city, state or federal permit requirements or regulations:

A. Emergencies. Alterations in response to emergencies which pose an immediate threat to the public health, safety and welfare or which pose an imminent risk of damage to property. Any alteration undertaken as an emergency shall be reported within one (1) business day to the Department of Community Development. The Director shall confirm that an emergency exists and determine what, if any, mitigation and conditions shall be required to protect the health, safety, welfare and environment and to repair any damage to the critical area and its required buffers. Emergency work must be approved by the City. If the Director determines that the action taken, or any part of the action taken, was beyond the scope of an allowed emergency action, then enforcement provisions of Chapter 1.15 BMC shall apply.

B. Normal and routine operation, maintenance, remodeling, repair and revegetation of existing public facilities, parks and open spaces as long as any such activities do not involve the expansion of improvements into previously unimproved areas.

C. Normal and routine operation, maintenance, remodeling, replacement and repair of existing public streets and city-approved private roads. Such activities shall not involve the expansion of roadways or related improvements into previously unimproved portions of rights-of-way or vehicular access easements or tracts.

D. Except in streams and wetlands or their buffers, normal and routine operation, maintenance, remodeling, and repair of existing public and quasi-public utilities (including water, sanitary sewer, storm drainage, electric, natural gas, cable communications, telephone utility and related activities), including:

   i. Relocation of electric facilities, lines, equipment or appurtenances, not including substations, with an associated voltage of 55,000 volts or less, only when required by a local governmental agency which approves the new location of the facilities;

   ii. Replacement, modification, installation or construction in an improved city road right-of-way or city authorized private road of all electric facilities, lines, equipment or appurtenances, not including substations, with an associated voltage of 55,000 volts or less;

   iii. Relocation of public sewer local collection, public water local distribution, natural gas, cable communication or telephone facilities, lines, pipes, mains, equipment or appurtenances, only when required by a local governmental agency which approves the new location of the facilities; and

   iv. Replacement, modification, installation or construction of public sewer local collection, public water local distribution, natural gas, cable communication or telephone facilities, lines, pipes, mains, equipment or appurtenances when such
facilities are located within an improved public right-of-way or city authorized private roadway;

E. Normal and routine maintenance, repair, renovation or structural alteration of public and private structures not listed in this section, in existence on January 14, 2003.

F. New accessory structures and additions to structures that do not exceed a cumulative impervious surface addition after January 14, 2003 of 1,000 square feet or 7% of lot area, whichever is greater; provided that:

   i. Construction is not within a stream, wetland or lake or in their required buffers; and

   ii. The proposal does not increase non-conformance to critical area standards related to streams, wetlands or lakes.

G. Public and private pedestrian trails, except in streams, wetlands, fish and wildlife habitat conservation areas, or their buffers, subject to the following:

   i. Critical area and/or buffer widths shall be increased, where possible, equal to the width of the trail corridor, including disturbed areas; and

   ii. Trails proposed to be located in landslide or erosion hazard areas shall be constructed in a manner that does not increase the risk of landslide or erosion and in accordance with an approved geotechnical report;

H. Forest practices. Forest practices regulated and conducted in accordance with the provisions of Chapter 76.09 RCW and forest practices regulations, Title 222 WAC, and those that are exempt from city’s jurisdiction, provided that forest practice conversions are not exempt.

I. Minor site investigative work. Work necessary for permit submittals, such as surveys, soil logs, percolation tests, and other related activities, where such activities do not require construction of new roads, significant amounts of excavation or removal of significant trees. In every case, impacts to the critical area shall be minimized and disturbed areas shall be immediately restored.

J. Slope exemptions: The following slopes are exempt, unless the slope is part of another critical area or required buffer:

   i. Slopes resulting from street, alley, sidewalk and other typical rights-of-way improvements, including rockeries or retaining walls. This exemption shall not extend beyond the cut or fill created by the street, alley, sidewalk or other rights-of-way improvement.

   ii. Slopes with a vertical elevation change of up to ten feet (10) and not part of a larger steep-slope system.
iii. Slopes which have been created through previous verifiable, legal grading activities, may be exempted by the Director based on a geotechnical report demonstrating that no adverse impact will result from the exemption.

K. Stabilization of Landslide-hazard Area. Certain landslide hazard areas may be exempt if the Director determines based on geotechnical expertise, that application of the regulations would prevent necessary stabilization of a landslide-prone area.

L. Non-regulated activities in the critical aquifer recharge areas.

3. Public agency and utility exception.

A. If the application of this chapter would prohibit a development proposal by a public agency or public utility, the agency or utility may apply for a Public Agency and Utility Exception. All requirements of this chapter apply, except as specifically waived as part of the decision on the exception.

B. Exception request and review process. An application for a public agency and utility exception shall be made to the city and shall include a critical area study, including mitigation plan, if necessary; other related project documents, and any applicable environmental documents prepared pursuant to the State Environmental Policy Act (Chapter 43.21C RCW). The application shall be processed using the Type 1 review process pursuant to BMC 19.65.

C. Public agency and utility exception review criteria. The Director’s decision shall be based on the following criteria:

i. There is no other practical or feasible alternative to the proposed development with less impact on the critical area; and

ii. The proposal minimizes the impact on critical areas; and

iii. The application of this chapter would unreasonably restrict the ability to provide utility services to the public, and

iv. The proposal meets the decision criteria in BMC 19.40.100.

4. Reasonable use exception.

A. If the application of this chapter would deny all reasonable use of the property, the applicant may apply for a Reasonable Use Exception. All requirements of this chapter apply, except as specifically waived as part of the decision on the exception.

B. Limitations. Reasonable use exceptions are not authorized for changes in density limitations, permitted uses or activities in critical areas or their required buffers, expanding a
use otherwise prohibited, and shall not be used to achieve the maximum density allowed without the existence of critical areas.

C. Exception request and review process. An application for a reasonable use exception shall be made to the city and shall include a critical area study, including mitigation plan, if necessary; and any other related project documents, such as special studies, and environmental documents prepared pursuant to the State Environmental Policy Act (Chapter 43.21C RCW). The application shall be processed using the Type 1 review process pursuant to BMC 19.65.

D. Reasonable use exception review criteria. The Director's decision shall be based on the following criteria:

i. The application of this chapter would deny all reasonable use of the property;

ii. There is no other reasonable use with less impact on the critical area;

iii. The proposed development does not pose an unreasonable threat to the public health, safety or welfare on or off the development proposal site and is consistent with the general purposes of this chapter and the public interest; and

iv. Any alterations permitted to the critical area shall be the minimum necessary to allow for reasonable use of the property.

v. The proposal meets the decision criteria in BMC 19.40.100. [Ord. 560 § 1 (Exh. A), 2012; Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.080 Reserved. [Ord. 394 § 1, 2003]

CRITICAL AREA REVIEW

19.40.090 Critical area review.

1. Required review. Alteration, construction, development or activity within a critical area (except a seismic hazard) or its required buffer must be approved through a critical area review, unless exempted pursuant to BMC 19.40.070 or BMC 19.40.320. Prior to submitting an application for critical area review, the applicant shall schedule and attend a City of Burien pre-application meeting to obtain information relating to overall project feasibility, scope of critical area studies, standards and possible mitigation required for alterations on or near critical areas.

2. As part of its review of a critical area review, the City shall:

A. Verify the information submitted by the applicant;

B. Determine whether any critical area exists on the property and confirm its nature and type;
C. Evaluate the critical area study;

D. Determine whether the development proposal conforms to the purposes and performance standards of this Chapter, including the criteria in BMC 19.40.100;

E. Determine if the proposed project adequately addresses impacts on the functions or value of critical areas and whether such impacts are necessary and unavoidable;

F. Determine if the mitigation and monitoring plans and bonding measures proposed by the applicant are sufficient to protect the functions and value of the critical area, and public health, safety and welfare concerns, consistent with the goals, purposes, objectives and requirements of this chapter.

3. Submittal requirements. Applications for critical area review shall be submitted with all of the following information:

A. A written critical area study (BMC 19.40.120) that adequately evaluates the proposal, all probable impacts and risks related to the critical area and recommends appropriate mitigation measures to comply with the provisions of this chapter.

B. In addition to indicating the location of the proposal, the site and development plans shall include:

   i. The accurate location of those critical areas and their required buffers that could be affected by the proposal.

   ii. The approximate location of all mapped or identifiable critical areas and their buffers that are within the distances identified in BMC 19.40.040.3.

   iii. Accurate topography drawn to scale with a minimum 2-foot contour interval.

C. Applicable filing fees.

D. If necessary to insure compliance with this chapter, the Director may require additional information from the applicant, separate from the critical area study. [Ord. 376 § 1, 2003]
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19.40.100 Review criteria.

1. Any alteration to a critical area or its required buffer, unless otherwise provided for in this Chapter, shall be reviewed and approved, approved with conditions, or denied based on the proposal’s ability to comply with all of the following criteria:

   A. The proposal limits the impact on critical areas;
   
   B. The proposal does not pose an unreasonable threat to the public health, safety, or welfare on or off the site;
   
   C. The proposal is consistent with the general purposes of this Chapter and the public interest;
   
   D. Any alterations permitted to the critical area or its required buffer are mitigated in accordance with the critical area study; and
   
   E. The proposal protects the critical area functions and value consistent with the best available science.

2. The city may condition the proposed activity as necessary to mitigate impacts to critical areas and to conform to the standards required by this Chapter. [Ord. 376 § 1, 2003]

CRITICAL AREA STUDY

19.40.110 Critical area study – waiver.

The Director shall waive the requirement for a critical area study if:

1. There will be no alteration of the critical area or buffer, and

2. The development proposal will not impact the critical area in a manner contrary to the purpose, intent, and requirements of this Chapter; and

3. The proposal is consistent with other City of Burien applicable regulations and standards. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.120 Critical area study requirements.

1. General. The critical area study shall be funded by the applicant and shall be prepared in accordance with procedures established by the Director. If appropriate professional expertise does not exist on City staff, the Director may retain experts at the applicant’s expense to review critical area studies submitted by the applicant. Expense to the applicant shall be determined at the pre-application meeting.

2. Prepared by qualified professional. A required critical area study shall be prepared by a person with experience and training in the scientific discipline appropriate for the relevant critical area subject in accordance with WAC 365-195-905(4). A qualified professional must have obtained a B.S. or B.A. or equivalent degree in biology, engineering, environmental studies, fisheries, geomorphology or related field, and two years of related work experience.
A. A qualified professional for Fish and Wildlife Habitat Conservation Areas or wetlands must have a degree in biology and professional experience related to the subject species.

B. A qualified professional for a geological hazard must be a professional engineer or geologist, licensed in the state of Washington.

C. A qualified professional for critical aquifer recharge areas means a hydrogeologist, geologist, engineer, or other scientist with experience in preparing hydrogeologic assessments.

3. Incorporating best available science. The critical area study shall use scientifically valid methods and studies in the analysis of critical area data and field reconnaissance and reference the source of science used. The critical area study shall evaluate the proposal and all probable impacts to critical areas in accordance with the provisions of this Chapter.

4. Minimum study contents. The critical area study shall contain, at a minimum, the following information, as applicable:

A. The name and contact information of the applicant, a description of the proposal, and identification of the permit requested.

B. A copy of the site plan for the development proposal showing:
   i. Identified critical areas, buffers, and the development proposal with dimensions;
   ii. Limits of any areas to be cleared; and
   iii. A description of the proposed stormwater management plan for the development and consideration of impacts to drainage alterations;

C. The dates, names, and qualifications of the persons preparing the study and documentation of any fieldwork performed on the site;

D. Identification and characterization of all critical areas, water bodies, and buffers adjacent to the proposed project area or potentially impacted by the proposed project;

E. A statement specifying the accuracy of the study, and assumptions used in the study;

F. Determination of the degree of hazard and risk from the proposal both on the site and on surrounding properties;

G. An assessment of the probable cumulative impacts to critical areas, their buffers and other properties resulting from the proposal;

H. A description of reasonable efforts made to apply mitigation sequencing to avoid, minimize, and mitigate impacts to critical areas;

I. Plans for adequate mitigation to offset any impacts;

J. Recommendations for maintenance, short-term and long-term monitoring, contingency plans and bonding measures; and
K. Any other technical information required by the Director to assist in determining compliance with this Chapter. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.130 Critical area study – modifications to requirements.

1. Limitations to study area. The Director may limit the required geographic area of the critical area study as appropriate if:

   A. The applicant, with assistance from the city, cannot obtain permission to access properties adjacent to the project area; or

   B. The proposed activity will affect only a limited part of the site.

2. Modifications to required contents of study. The Director may allow modifications to the required contents of the study where, in the judgment of a qualified professional, more or less information is required to adequately address the potential critical area impacts and required mitigation. [Ord. 376 § 1, 2003]

CRITICAL AREA DETERMINATION

19.40.140 Determination.

1. General. The Director shall issue a written critical area determination as to whether the proposed activity and mitigation, if any, is consistent with the provisions of this Chapter. The Director’s determination shall be based on the criteria of BMC 19.40.100. The Director may require increased buffer widths, increased setbacks or other protective measures not required in this chapter if required in the critical area study.

2. Review process and timing. The determination for proposed development on an undeveloped lot in a landslide hazard area shall be processed using the Type I review process and timing described in BMC 19.65. Determinations for all other types of proposals shall be processed as an administrative decision. The City’s goal is to issue the administrative decision within 60 days of submittal of a complete application containing the materials required in BMC 19.40.090.3.

3. Favorable determination. If the Director determines that the proposed activity meets the criteria in BMC 19.40.100 and complies with the applicable provisions of this Chapter, the Director shall prepare a written notice of determination and identify any required conditions of approval. If a Type I review is required, the critical area notice of determination shall be combined with the Type I review notice of decision. The notice of determination and conditions of approval shall be included in the project file and be considered in future phases of the city’s review of the proposed activity in accordance with any other applicable codes or regulations.

Any conditions of approval included in a notice of determination shall be attached to the underlying permit or approval. Any subsequent changes to the conditions of approval shall void the previous determination pending re-review of the proposal and conditions of approval by the Director.

A favorable determination should not be construed as endorsement or approval of any underlying permit or approval.

4. Unfavorable determination. If the Director determines that a proposed activity does not adequately mitigate its impacts on the critical areas and/or does not comply with the criteria in
BMC 19.40.100 and the provisions of this Chapter, the Director shall prepare written notice of the determination that includes findings of noncompliance. If a Type I review is required, the critical area notice of determination shall be combined with the Type I review notice of decision.

No proposed activity or permit shall be approved or issued if it is determined that the proposed activity does not adequately mitigate its impacts on the critical areas and/or does not comply with the provisions of this Chapter. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.150 Appeal of determination.

A critical area determination issued using the Type 1 review process may be appealed using the appeal procedures for a Type 1 decision (BMC 19.65). A critical area determination issued as an administrative decision may be appealed according to, and as part of the appeal procedure for the underlying permit or approval involved. [Ord. 376 § 1, 2003]

GENERAL CRITICAL AREA DEVELOPMENT STANDARDS

19.40.160 Construction requirements.

1. The Director may require that the applicant retain the expert(s) that prepared the critical area study, or another expert approved by the City, to monitor construction for compliance with the professional’s recommendations and related requirements imposed by the City. The Director may require that the expert submit field reports to the City on a regular basis during construction, a final report and following construction if needed to ensure compliance with this code and the recommendations of the critical area study.

2. If required by the critical area study, City of Burien Construction Code, or King County Surface Water Design Manual, the applicant shall submit a temporary erosion and sedimentation control plan and/or a permanent and complete stormwater control plan for the proposal. The plan shall include but not be limited to the following items as appropriate: curbs, gutters, inlets, catch basins, tightlines, retention and detention facilities, stabilized outfalls, and subterranean water. Maximum flows of runoff from the property shall not be increased by the construction activity or resultant improvements. The Director shall provide specific requirements for such plans.

3. If required by the critical area study, City of Burien Construction Code, or King County Surface Water Design Manual, the Director may restrict construction to a construction season. If a construction season is established, it may be subsequently modified as necessary by the Director.

4. If required by the critical area study or City of Burien Construction Code, the Director may require the use of alternate foundation systems that limit the amount of excavation, for example, pilings, caissons, footings with grade beams, or other appropriate systems. The Director may limit or prohibit the use of conventional spread footings at building perimeters. The Director may require excavations to be dug by hand or using hand-held machinery.

5. All subdivisions, short subdivisions or binding site plans shall comply with the following additional requirements:

   A. Except as provided in this section, existing vegetation shall be retained on all lots until building permits are approved for development on individual lots; and

   B. If any vegetation on the lots is damaged or removed during construction of the subdivision infrastructure, the applicant shall be required to submit a restoration plan to the
Director for review and approval. Following approval, the applicant shall be required to implement the plan;

6. Indemnification. An indemnification or hold harmless agreement shall be required for all clearing, grading or construction on lots containing critical areas, except for non-regulated uses in critical aquifer recharge areas. The form of the agreement shall be approved by the City Attorney and executed prior to issuance of any permits for development of the site. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.170 Mitigation, maintenance, and monitoring.

1. The Director may require the applicant to provide, at the applicant’s expense, mitigation, maintenance and monitoring measures to protect critical areas and buffers. A written report describing the results of any mitigation, maintenance or monitoring measures shall be submitted to the Director for review and further action, if needed.

2. Where monitoring reveals a significant deviation from predicted impacts or a failure of mitigation or maintenance measures, the applicant shall be responsible for appropriate corrective action which, when approved, shall be subject to further monitoring. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.180 Bonds.

The Director may require a bond or other security in a form and amount deemed acceptable by the Director to ensure compliance with any aspect of this chapter or any decision or determination made under this chapter. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.190 Vegetation management plan.

1. For all proposals where preservation of existing vegetation is required by this chapter, a vegetation management plan shall be submitted and approved prior to issuance of the permit or other request for permission to proceed with an alteration.

2. The vegetation management plan shall incorporate all City requirements relating to protection, maintenance and planting of vegetation and shall identify the proposed clearing limits for the project and any areas where vegetation in a critical area or its buffer is proposed to be disturbed.

3. Clearing limits as shown on the plan shall be marked in the field in a prominent and durable manner. Proposed methods of field marking shall be reviewed and approved by the Director prior to any site alteration. Field marking shall remain in place until the certificate of occupancy or final project approval is granted.

4. The vegetation management plan may be incorporated into a temporary erosion and sediment control plan or landscaping plan where either of these plans is required by other laws or regulations.
5. Vegetation within critical areas and their buffers may be trimmed, pruned or removed only upon prior written approval by the Director. A report by a qualified professional or certified arborist may be required to address alternatives, to ensure that the proposed activity will not be detrimental to surrounding properties and to the functions and values of the associated critical area.

6. Where alteration of the critical area or buffer has occurred during construction, revegetation with native vegetation will be required unless the Director approves a substitute vegetation with the same or better functions than the original buffer area. If the alteration was unauthorized by the City, the Director may also impose penalties pursuant to Chapter 1.15 BMC. [Ord. 560 § 1 (Exh. A), 2012; Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.200 Critical area markers and signs.

The section below does not pertain to critical aquifer recharge areas or seismic hazard areas.

1. Boundary delineation and construction fencing. The outer edge of any required critical area buffer, tract or protective easement shall be clearly staked using permanent survey markers installed by a licensed surveyor. The survey markers and a temporary construction fence shall be installed at applicant expense and accepted by the Director prior to issuance of any permits for site clearing or construction, or, if permits are not required, prior to any alteration of the site. The temporary construction fence shall be a sturdy wire, chain link or wood fence between 3 feet and 6 feet high as required by the Director. The Director may require signs to be installed on the fence indicating that no disturbance of the critical area and its buffer is allowed.

2. Permanent barrier or fencing. The Director may require installation of a permanent barrier such as a fence or berm, if needed to protect the critical area and/or its buffer from damage or encroachment after construction. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]


1. The owner of any property containing critical areas or buffers on which a critical area review application is submitted, except a public right-of-way, shall record a notice approved by the Director with the King County Records and Elections Division. The notice shall inform the public of the presence of critical areas or buffers on the site, of the application of this chapter to the property, of the requirement for engineered structure design (if applicable), and that limitations on actions in or affecting such critical areas or buffers may exist. The notice shall run with the land.

2. The applicant shall submit proof that the notice has been filed for public record before the Director shall approve any permits or alteration for the site, in the case of subdivisions, short subdivisions and binding site plans, at or before recording. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]
19.40.220 Permanent protection of critical areas and buffers.

As a condition of approval of a critical area review, the City shall require that critical areas and their buffers, except for critical aquifer recharge areas and seismic hazard areas, shall be permanently protected from alteration by tracts or easements. A property owner may also voluntarily propose permanent protection of critical areas and their buffers on the owner’s property by use of tracts, easements, gifting of the property to the City, or by transfer of development rights. Any required forms or documents related to protective tracts, easements or transfer of development rights shall be approved by the City Attorney. Any area permanently protected under this section shall impose upon all present and future owners and occupiers of the protected area the obligation to leave the protective area permanently undisturbed, unless otherwise allowed by this chapter. Such obligation shall be enforceable by the City on behalf of the public. The rules for transfer of development rights will be prepared as part of Phase 2 of this Code. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]
19.40.230 General development standards.

1. Clustering. Clustering of structures in areas of a site that are not located within critical areas or their buffers is encouraged. For purposes of this section, “clustering” means a form of development that allows a reduction in lot area, provided that the number of proposed dwelling units does not exceed the total number of dwelling units that could be allowed if clustering was not used. For the purposes of this section, the limitation on lot averaging in BMC 19.15.005.2 and 19.15.010.4 does not apply.

2. Building setback. Except in critical aquifer recharge areas and seismic hazard areas, buildings shall be set back from the edges of all critical area buffers or from the edges of all other critical areas, if no buffers are required, as required in the critical area study. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.240 Flood hazard areas - Components.

1. A flood hazard area consists of the following components:

   A. Floodplain;

   B. Flood fringe;

   C. Zero-rise floodway; and


2. The city of Burien shall determine the flood hazard area after obtaining, reviewing and utilizing base flood elevations and available floodway data for a flood having a one percent chance of being equaled or exceeded in any given year, often referred to as the “100-year flood.” The base flood is determined for existing conditions, unless a basin plan including projected flows under future developed conditions has been completed and adopted by the city of Burien, in which case these future flow projections shall be used. In areas where the Flood insurance study for King County includes detailed base flood calculations, those calculations may be used until projections of future flows are completed and approved by the city of Burien. [Ord. 394 § 1, 2003; Ord. 28 § 1(469), 1993]

19.40.250 Flood fringe - Development standards and permitted alterations.

1. Development proposals shall not reduce the effective base flood storage volume of the floodplain. Grading or other activity which would reduce the effective storage volume shall be mitigated by creating compensatory storage on the site or off the site if legal arrangements can be made to assure that the effective compensatory storage volume will be preserved over time. Grading for construction of livestock manure storage facilities to control non-point source water pollution designed to the standards of and approved by the King County Conservation District is exempt from this compensatory storage requirement.

2. No structure shall be allowed which would be at risk due to stream bank destabilization including, but not limited to, that associated with channel relocation or meandering.

3. All elevated construction shall be designed and certified by a professional structural engineer licensed by the state of Washington and shall be approved by the city of Burien prior to construction.
4. Subdivisions, short subdivisions and binding site plans shall meet the following requirements:

   A. New building lots shall contain 5,000 square feet or more of buildable land outside the zero-rise floodway, and building setback areas shall be shown on the face of the plat to restrict permanent structures to this buildable area;

   B. All utilities and facilities such as sewer, gas, electrical and water systems shall be located and constructed consistent with subsections 5, 6 and 9;

   C. Base flood data and flood hazard notes shall be shown on the face of the recorded subdivision, short subdivision or binding site plan including, but not limited to, the base flood elevation, required flood protection elevations and the boundaries of the floodplain and the zero-rise floodway, if determined; and

   D. The following notice shall also be shown on the face of the recorded subdivision, short subdivision or binding site plan for all affected lots:

   NOTICE: Lots and structures located within flood hazard areas may be inaccessible by emergency vehicles during flood events. Residents and property owners should take appropriate advance precautions.

5. New residential structures and substantial improvements of existing residential structures shall meet the following requirements:

   A. The lowest floor shall be elevated to the flood protection elevation;

   B. Portions of a structure which are below the lowest floor area shall not be fully enclosed. The areas and rooms below the lowest floor shall be designed to automatically equalize hydrostatic and hydrodynamic flood forces on exterior walls by allowing for the entry and exit of floodwaters. Designs for satisfying this requirement shall meet or exceed the following requirements:

      i. A minimum of two openings on opposite walls having a total open area of not less than one square inch for every square foot of enclosed area subject to flooding shall be provided;

      ii. The bottom of all openings shall be no higher than one foot above grade; and

      iii. Openings may be equipped with screens, louvers or other coverings or devices if they permit the unrestricted entry and exit of floodwaters;

   C. Materials and methods which are resistant to and minimize flood damage shall be used; and

   D. All electrical, heating, ventilation, plumbing, air conditioning equipment and other utility and service facilities shall be floodproofed to or elevated above the flood protection elevation.

6. New non-residential structures and substantial improvements of existing non-residential structures shall meet the following requirements:

   A. The elevation requirement for residential structures contained in subsection 5.A. shall be met; or
B. The structure shall be floodproofed to the flood protection elevation and shall meet the following requirements:

i. The applicant shall provide certification by a professional civil or structural engineer licensed by the state of Washington that the floodproofing methods are adequate to withstand the flood depths, pressures, velocities, impacts, uplift forces and other factors associated with the base flood. After construction, the engineer shall certify that the permitted work conforms with the approved plans and specifications; and

ii. Approved building permits for floodproofed nonresidential structures shall contain a statement notifying applicants that flood insurance premiums shall be based upon rates for structures which are one foot below the floodproofed level;

C. Materials and methods which are resistant to and minimize flood damage shall be used; and

D. All electrical, heating, ventilation, plumbing, air conditioning equipment and other utility and service facilities shall be floodproofed to or elevated above the flood protection elevation.

7. All new construction shall be anchored to prevent flotation, collapse or lateral movement of the structure.

8. Mobile homes and mobile home parks shall meet the following requirements:

A. Mobile homes shall meet all requirements for flood hazard protection for residential structures, shall be anchored and shall be installed using methods and practices which minimize flood damage; and

B. No permit or approval for the following shall be granted unless all mobile homes within the mobile home park meet the requirements for flood hazard protection for residential structures:

i. A new mobile home park;

ii. An expansion of an existing mobile home park; or

iii. Any repair or reconstruction of streets, utilities or pads in an existing mobile home park which equals or exceeds 50 percent of the value of such streets, utilities or pads.

9. Utilities shall meet the following requirements:

A. New and replacement utilities including, but not limited to, sewage treatment facilities shall be floodproofed to or elevated above the flood protection elevation;

B. New on-site sewage disposal systems shall be, to the extent possible, located outside the limits of the base flood elevation. The installation of new on-site sewage disposal systems in the flood fringe may be allowed if no feasible alternative site is available;

C. Sewage and agricultural waste storage facilities shall be flood-proofed to the flood protection elevation;

D. Above-ground utility transmission lines, other than electric transmission lines, shall only be allowed for the transport of nonhazardous substances; and
E. Buried utility transmission lines transporting hazardous substances shall be buried at a minimum depth of four feet below the maximum depth of scour for the base flood, as predicted by a professional civil engineer licensed by the state of Washington, and shall achieve sufficient negative buoyancy so that any potential for flotation or upward migration is eliminated.

10. Critical facilities may be allowed within the flood fringe of the floodplain, but only when no feasible alternative site is available. Critical facilities shall be evaluated through the conditional or special use permit process. Critical facilities constructed within the flood fringe shall have the lowest floor elevated to three or more feet above the base flood elevation. Floodproofing and sealing measures shall be taken to ensure that hazardous substances will not be displaced by or released into floodwaters. Access routes elevated to or above the base flood elevation shall be provided to all critical facilities from the nearest maintained public street or roadway.

11. Prior to approving any permit for alterations in the flood fringe, the city of Burien shall determine that all permits required by state or federal law have been obtained. [Ord. 394 § 1, 2003; Ord. 28 § 1(470), 1993]


1. The requirements which apply to the flood fringe shall also apply to the zero-rise floodway. The more restrictive requirements shall apply where there is a conflict.

2. A development proposal including, but not limited to, new or reconstructed structures shall not cause any increase in the base flood elevation unless the following requirements are met:

   A. Amendments to the Flood insurance rate map are adopted by FEMA, in accordance with 44 CFR 70, to incorporate the increase in the base flood elevation; and

   B. Appropriate legal documents are prepared in which all property owners affected by the increased flood elevations consent to the impacts on their property. These documents shall be filed with the title of record for the affected properties.

3. The following are presumed to produce no increase in base flood elevation and shall not require a special study to establish this fact:

   A. New residential structures outside the FEMA floodway on lots in existence before November 27, 1990, which contain less than 5,000 square feet of buildable land outside the zero-rise floodway and which have a total building footprint of all proposed structures on the lot of less than 2,000 square feet;

   B. Substantial improvements of existing residential structures in the zero-rise floodway, but outside the FEMA floodway, where the footprint is not increased; or

   C. Substantial improvements of existing residential structures meeting the requirements for new residential structures in BMC 19.40.250.

4. Post or piling construction techniques which permit water flow beneath a structure shall be used.
5. All temporary structures or substances hazardous to public health, safety and welfare, except for hazardous household substances or consumer products containing hazardous substances, shall be removed from the zero-rise floodway during the flood season from September 30th to May 1st.

6. New residential or nonresidential structures shall meet the following requirements:

   A. The structures shall be outside the FEMA floodway; and

   B. The structures shall be on lots in existence before November 27, 1990, which contain less than 5,000 square feet of buildable land outside the zero-rise floodway.

7. Utilities may be allowed within the zero-rise floodway if the city of Burien determines that no feasible alternative site is available, subject to the following requirements:

   A. Installation of new on-site sewage disposal systems shall be prohibited unless a waiver is granted by the Seattle/King County department of public health; and

   B. Construction of sewage treatment facilities shall be prohibited.

8. Critical facilities shall not be allowed within the zero-rise floodway except as provided in subsection 10.

9. Livestock manure storage facilities and associated nonpoint source water pollution facilities designed, constructed and maintained to the standards of and approved in a conservation plan by the King County Conservation District may be allowed if the city of Burien reviews and approves the location and design of the facilities.

10. Structures and installations which are dependent upon the floodway may be located in the floodway if the development proposal is approved by all agencies with jurisdiction. Such structures include, but are not limited to:

   A. Dams or diversions for water supply, flood control, hydroelectric production, irrigation or fisheries enhancement;

   B. Flood damage reduction facilities, such as levees and pumping stations;

   C. Stream bank stabilization structures where no feasible alternative exists for protecting public or private property;

   D. Storm water conveyance facilities subject to the development standards for streams and wetlands and the Surface Water Design Manual;

   E. Boat launches and related recreation structures;

   F. Bridge piers and abutments; and

   G. Other fisheries enhancement or stream restoration projects. [Ord. 394 § 1, 2003; Ord. 28 § 1(471), 1993]
19.40.270 FEMA floodway - Development standards and permitted alterations.

1. The requirements which apply to the zero-rise floodway shall also apply to the FEMA floodway. The more restrictive requirements shall apply where there is a conflict.

2. A development proposal including, but not limited to, new or reconstructed structures shall not cause any increase in the base flood elevation.

3. New residential or nonresidential structures are prohibited within the FEMA floodway.

4. Substantial improvements of existing residential structures in the FEMA floodway, meeting the requirements of WAC 173-158-070, as amended, are presumed to produce no increase in base flood elevation and shall not require a special study to establish this fact. [Ord. 394 § 1, 2003; Ord. 28 § 1(472), 1993]

19.40.280 Flood hazard areas - Certification by engineer or surveyor.

1. For all new structures or substantial improvements in a flood hazard area, the applicant shall provide certification by a professional civil engineer or land surveyor licensed by the state of Washington of:

   A. The actual as-built elevation of the lowest floor, including basement; and

   B. The actual as-built elevation to which the structure is floodproofed, if applicable.

2. The engineer or surveyor shall indicate if the structure has a basement.

3. The city of Burien shall maintain the certifications required by this section for public inspection. [Ord. 394 § 1, 2003; Ord. 28 § 1(473), 1993]

19.40.290 Geologically hazardous areas - Development standards and permitted alterations.

1. Intent. Geologically hazardous areas are a potential threat to public health, safety and welfare when construction of geotechnically incompatible uses is allowed. Some potential risk due to construction in geologically hazardous areas can be reduced through engineering design. Alteration of and construction in geologically hazardous areas should be avoided when the potential risk to public health and safety cannot be reduced to a level comparable to the undeveloped site.

2. Standards—Seismic hazard areas. Development in seismic hazard areas shall be in accordance with the standards for earthquake design and seismic motion of the City of Burien Construction Code.

3. Standards—Erosion hazard areas and landslide hazard areas. Development on or within 50 feet of areas designated erosion hazard areas or landslide hazard areas shall comply with the following requirements:

   A. Buffer. A minimum 50 foot wide buffer shall be established from all edges of a landslide hazard area. The buffer shall be extended as required to mitigate hazards identified in the critical area study or as otherwise necessary to protect the public health, safety and welfare. The buffer shall be maintained in native vegetation to provide additional soil stability and erosion protection.
If the buffer area has been previously cleared, it shall be replanted with native vegetation pursuant to a landscape plan submitted by the applicant and approved by the Director.

B. Buffer reduction. As part of critical area review, the Director may reduce or waive the landslide hazard area buffer if the applicant shows that the following criteria are met:

i. The proposed development does not pose an unreasonable threat to the public health, safety or welfare on or off the development proposal site and is consistent with the general purposes of this chapter and the public interest; and

ii. There is no feasible alternative with less impact on the critical area.

iii. For a buffer of between 0 feet and 25 feet, in addition to the items required in BMC 19.40.120, the critical area study must specifically discuss and support the requested buffer reduction, including:

a. The ability to maintain long-term stability of the landslide hazard area; and

b. Any appropriate mitigating measures needed to mitigate impacts of the buffer reduction; and

c. An assessment of any increased risk that could result from the buffer reduction.

C. Erosion control. An erosion control plan shall be submitted to the Director for approval prior to any clearing, grading, construction or other alteration. The Director may limit clearing, grading or filling to the period between April 1st and October 1st.

D. Disturbance and alterations. Any alterations permitted in or within 50 feet of an erosion hazard area or landslide hazard area, or in a required landslide hazard area buffer, shall comply with the following criteria:

i. All proposed alterations shall be limited to the minimum necessary to accomplish the applicant’s objectives and engineering design.

ii. The face of cuts and fills shall be prepared and maintained to control against erosion and instability. Bluffs shall be protected from surface erosion.

iii. The proposal shall not increase the rate of surface water runoff, erosion or sedimentation, shall not increase geologic hazards for any property, and shall reduce ponding and infiltration of storm drainage.

iv. Development must be located and designed to minimize slope disturbance, minimize removal of vegetation, and retain open space.

v. Shared access drives and utility corridors are required where feasible. Vehicular access shall be in the least sensitive area of the site.

vi. Foundations should be tiered where possible to conform to the existing topography of the site. Roads, walkways, driveways and parking areas should be designed to parallel the natural contours.
vii. All development shall be designed to minimize impervious surface coverage and where feasible should incorporate under-structure parking and multi-level structures.

viii. Construction techniques must minimize disruption of existing topography and existing vegetation. Any disturbed vegetation shall be restored as soon as feasible.

ix. The applicant shall submit a detailed site plan prepared by a licensed engineer showing all proposed clearing, grading, drainage and utility locations be marked in the field by a licensed land surveyor, based on the engineer-prepared site plan.

E. Landscaping. The disturbed area of a site shall be landscaped to provide erosion control and to enhance wildlife habitat. Landscape plantings should include trees and shrubs with a mix of shade, flowering, and coniferous and broad-leaf evergreens that are either native to the Puget Sound area or are valuable to western Washington birds and wildlife as listed by the Department of Fish and Wildlife. [Ord. 523 § 1, 2009]

F. Vegetation maintenance. Limited trimming and pruning of vegetation for the creation and maintenance of views is allowed in accordance with the pruning standards of the International Society of Arboriculture; provided, that the soils are not disturbed and the activity will not increase the risk of landslide or erosion.

4. Application requirements. In addition to the requirements of Section 19.40.090.3, an application for critical area review involving a landslide hazard area shall include at least the following additional items, submitted by the applicant and prepared at the applicant’s expense. The Director may waive any of the following submittal requirements if not applicable to the proposal:

A. Plans and specifications prepared by a licensed architect or licensed professional engineer, in accordance with the City of Burien Construction Code;

B. A footing and foundation plan prepared by a licensed professional engineer incorporating the recommendations contained in the critical area study;

C. A Level 1 drainage analysis prepared by a licensed professional engineer in accordance with the Surface Water Design Manual as adopted by the City of Burien;

D. A storm water management plan prepared by a licensed professional engineer incorporating the recommendations contained in the Level 1 drainage analysis;

E. A vegetation management plan pursuant to BMC 19.40.190 showing all existing vegetation and which vegetation is proposed for removal. The location, size and species of all significant trees on the site shall be indicated by survey. Significant trees shall be retained, protected, or replaced in accordance with BMC 19.40.190. The plan shall propose mitigation measures to prevent erosion and protect the geologically hazardous area, its buffer and other properties from hazards and adverse impacts.

F. A landslide hazard area affidavit in a form approved by the City attorney, submitted by the applicant, which waives any claims against the City, releases the City from all liability, holds the City harmless, and agrees to indemnify the City for all costs, claims, and demands of any kind, including but not limited to attorney and expert witness fees associated with litigation, arbitration, or any other adversary proceeding arising in any manner from the owner’s or the owner’s agents’ acts or omissions relating in any manner to the development. The affidavit
shall be recorded with the King County assessor's office prior to, and as an express condition of, the issuance of any grading or building permit;

G. All other applicable codes of the City are met including but not limited to the setback, height, impervious surface coverage, and other requirements of the this code and the requirements of the shoreline master program and the City of Burien Construction Code;

H. The applicant's geotechnical engineer or geologist shall review the project plans and specifications prior to issuance of any permits and provide written confirmation to the City that the recommendations and design criteria have been fully incorporated into the project documents;

I. The applicant's geotechnical engineer or geologist shall monitor project construction and provide written confirmation that the project has been constructed in accordance with their recommendations and design criteria. Changes to the recommended designs for excavation and construction which are based on new information shall be reviewed and approved by the City prior to proceeding with the development activity. [Ord. 394 § 1, 2003; Ord. 376 § 1, 2003]

19.40.300 Wetlands – Designation and Classification

1. General Requirements. Wetlands provide fish and wildlife habitat, flood storage, water quality, recreation, educational opportunities, and aesthetics. The goal of wetland regulations in the City of Burien is to achieve no net loss of wetland functions and values.

2. Applicability.

   A. All wetlands meeting the federal definition of wetlands that lie within the City limits of Burien are regulated by this section.

   B. Puget Sound and Lake Burien are shorelines of the state and shall be regulated under the Burien Shoreline Management Program.

3. Designation of Wetlands.

   A. Wetlands are those areas in the City of Burien, designated in accordance with the Washington State Wetland Identification and Delineation Manual, as required by RCW 36.70A.175 (Ecology Publication #96-94). Wetlands are defined as those areas that are inundated or saturated, by ground or surface water at a frequency and duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.

   B. The designation of wetlands through application of the protocols outlined in the Washington State Wetland Identification and Delineation Manual, regardless of any other formal identification, shall designate those wetland areas as critical areas and shall be subject to the provisions of BMC 19.40.

Where the vegetation has been removed or substantially altered, a wetland shall be determined by the presence or evidence of hydric or organic soil, as well as by other documentation, such as aerial photographs, of the previous existence of wetland vegetation.
4. Wetland Rating and Classification.

A. Wetlands shall be designated Category 1, 2, 3, or 4 according to the criteria in this section:

i. Category 1: Wetlands that meet any of the following criteria:

   a. Documented presence of fish, wildlife, or plant species listed by the federal or state government as endangered or threatened or outstanding actual habitat for those species;

   b. Equal to or greater than 10 acres in size and have three or more wetland classes as defined in BMC 19.10;

   c. Association with a Type 1 stream;

   d. Presence of plant associations of infrequent occurrence or High Quality Native Wetland Communities. Examples include: bogs and fens, estuarine wetlands, mature forested wetlands, or kelp and eelgrass beds; or

   e. Documented as regionally significant waterfowl or shorebird concentration areas.

ii. Category 2: Wetlands that do not meet any of the criteria for Category 1, but meet any of the following criteria:

   a. Greater than one acre in size;

   b. Equal to or less than one acre in size and have three or more wetland classes as defined in BMC 19.10;

   c. Forested wetlands equal to or less than one acre;

   d. Documented presence of heron rookeries or raptor nesting trees;

   e. Documented occurrences of sensitive species of plant, animal or fish recognized by federal or state agencies;

   f. Associated with Type 2 or 3 streams; or

   g. Wetlands with significant habitat value (Greater than or equal to 22 points on the Wetlands Rating Form).

iii. Category 3: A wetland that does not meet any of the criteria for Category 1 or 2, but meets either of the following criteria:

   a. Of a size between 1,000 square feet and one acre, with two or fewer wetland classes as defined in BMC 19.10;

   b. Wetlands where the habitat score for significant habitat value is less than or equal to 21 points;

v. The following types of wetlands are not regulated by the City of Burien:

a. Category 3 wetlands less than 1,000 square feet and hydrologically isolated; or

b. Man-made ponds smaller than one acre and excavated from uplands without a surface water connection to streams, lakes, rivers, or other wetlands. [Ord. 394 § 1, 2003]


1. General Requirements.

A. Any alterations to a wetland and/or wetland buffer shall require mitigation as described in BMC 19.40.330.

B. The use of hazardous substances, pesticides and fertilizers in the wetland and its buffer are prohibited by the City of Burien unless approved by the Director;

C. Plantings in a wetland or buffer should be native to Western Washington or increase the functions of the wetland or wildlife habitat;

D. No vegetation removal, including mowing, shall be allowed in a wetland or wetland buffer unless authorized by the Director. Removal of noxious weeds is permitted if done manually;

E. Non-Conformance. Activities occurring in a wetland or wetland buffer prior to October 20, 2003 shall be considered a non-conforming use as described in BMC 19.55.

2. Buffers.

A. A buffer area shall be established adjacent to designated wetland areas. The purpose of the buffer area shall be to protect the integrity, functions, and values of the wetland area. Buffer widths shall be appropriate for the sensitivity of the wetland and for the risks associated with land use development.

B. The following standard buffers shall be established from the wetland edge.

<table>
<thead>
<tr>
<th>Wetland Category</th>
<th>Standard Wetland Buffer (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 1*</td>
<td>200</td>
</tr>
<tr>
<td>Category 2</td>
<td>100</td>
</tr>
<tr>
<td>Category 3</td>
<td>50</td>
</tr>
<tr>
<td>Category 4</td>
<td>30</td>
</tr>
</tbody>
</table>

* As of October 20, 2003, no Category 1 wetlands exist in Burien.

C. Wetland buffers shall be measured from the wetland edge as delineated and marked in the field.

D. Any wetland restored, relocated, replaced or enhanced because of a wetland alteration shall have the minimum buffer required for the highest wetland class involved pursuant to an approved compensatory mitigation plan set forth in Section 19.40.330.
E. No structures are allowed within fifteen (15) feet of the edge of a designated or modified wetland buffer. This area serves to protect the wetland during development activities, use, and routine maintenance occurring adjacent to these resources. The following may be allowed within fifteen (15) feet of the buffer edge: landscaping, uncovered decks, building overhangs which do not extend more than eighteen (18) inches into the area, and driveways and patios subject to water quality regulations as adopted in the City’s stormwater management regulations (BMC 13.10).

F. Increased buffer widths may be required by the City of Burien when:
   
i. The buffer is within twenty-five (25) feet of the toe of a slope that is greater than thirty percent (30%); or
   
   ii. The slope is susceptible to erosion and standard best management practices (BMP’s) and erosion-control measures will not prevent adverse impacts to the wetland.

G. Standard buffer width averaging may be allowed by the Director (in accordance with an approved critical area review) if:
   
i. Additional protection to wetlands will be provided through the implementation of a buffer enhancement plan;
   
   ii. Minimum buffer width is the greater of fifty percent (50%) of the standard buffer width or twenty-five (25) feet;
   
   iii. Wetland functions or values will not be reduced; and
   
   iv. As long as the total area contained in the buffer on the development proposal site does not decrease.

H. Buffer reduction with enhancement may be allowed by the Director (in accordance with an approved critical area review) if:
   
i. Additional protection to wetlands will be provided through the implementation of a buffer enhancement plan;
   
   ii. The existing condition of the buffer is degraded;
   
   iii. Buffer enhancement includes, but is not limited to the following:
      
      a. Planting vegetation that would increase value for fish and wildlife habitat, improve water quality, or provide aesthetic/recreational value.
      
      b. Enhancement of wildlife habitat by incorporating structures that are likely to be used by wildlife, including wood duck boxes, bat boxes, nesting platforms, snags, rootwads/stumps, birdhouses, and heron nesting areas.
      
      c. Removing non-native plant species and noxious weeds from the buffer area and replanting the area subject to BMC 19.40.310.2.H.iii (a).
   
   iv. Buffer reductions under this Section shall be limited to twenty five (25)% of the standard buffer width or a minimum of twenty-five (25) feet, whichever is greater.
v. If the buffer reduction results in a buffer of less than twenty-five (25) feet, the applicant shall be responsible for attending an environmental stewardship class acceptable to the City.

I. Unless otherwise provided, the following restrictions shall apply to all development proposals in Category 1, 2, or 3 wetlands that include the introduction of livestock:

i. Implementation of a plan approved by the Director to protect and enhance the wetland’s water quality; and

ii. Fencing located at the buffer edge. [Ord. 394 § 1, 2003]

19.40.320 Wetlands – Permitted Alterations

1. Activities and uses shall be prohibited from wetlands and wetland buffers, except as allowed in this section.

2. The following activities are allowed outright without completion of a critical area review as described in BMC 19.40.090:

A. Conservation or preservation of soil, water, vegetation, fish, shellfish, and other wildlife that does not entail changing the structure or functions of the existing wetland.

B. The harvesting of wild crops in a manner that is not injurious to natural reproduction of such crops and provided the harvesting does not require tilling of soil, planting of crops, or alteration of the wetland by changing existing topography, water conditions or water sources.

C. Site-specific biological studies with the purpose of collecting data for critical area studies.

D. Removal of noxious weeds if done manually.

3. Alterations to Wetlands.

A. Activities and uses shall be prohibited from Category 1 wetlands.

B. Alterations to Category 2, 3, and 4 wetlands may be permitted if the Director determines, based upon review of special studies completed by qualified professionals, that:

i. It will not adversely affect water quality;

ii. It will not adversely affect fish, wildlife, or their habitat;

iii. It will not have an adverse effect on drainage and/or storm water detention capabilities;

iv. It will not lead to unstable earth conditions or create an erosion hazard or contribute to scouring actions;

v. It will not be materially detrimental to any other property or the City as a whole; and

vi. It will not have adverse effects on any other critical areas.
4. Alterations to Wetland Buffers. No land surface alteration or improvement may occur in a wetland buffer except as provided for below:

A. Buffer enhancements may be allowed pursuant to an approved mitigation plan.

B. Utilities such as water, telephone, cable, electric, and natural gas may be allowed in wetland buffers if:

   i. The Director determines that no practical alternative location is available; and
   
   ii. The utility corridor meets any additional requirements set forth by the Director and BMC 19.40.070(3) including, but not limited to, requirements for installation, replacement of vegetation and maintenance pursuant to an approved mitigation plan as set forth in 19.40.330.

C. Sewer utility corridors may be allowed in wetland buffers only if all of the following criteria are met:

   i. The applicant demonstrates that sewer lines are necessary for gravity flow;
   
   ii. The corridor is not located in a wetland or buffer used by species listed as endangered or threatened by the state or federal government or containing critical or outstanding actual habitat for those species or heron rookeries or raptor nesting trees;
   
   iii. The corridor alignment including, but not limited to, any allowed maintenance roads, follows a path beyond a distance equal to 75 percent of the buffer width from the wetland edge;
   
   iv. Corridor construction and maintenance protects the wetland and buffer and is aligned to avoid cutting trees greater than 12 inches in diameter at breast height, when possible, and pesticides, herbicides and other hazardous substances are not used;
   
   v. An additional, contiguous and undisturbed buffer, equal in width to the proposed corridor including any allowed maintenance roads, is provided to protect the wetland;
   
   vi. The corridor is revegetated with appropriate vegetation native to the City at preconstruction densities or greater immediately upon completion of construction or as soon thereafter as possible, and the sewer utility ensures that such vegetation survives;
   
   vii. Any additional corridor access for maintenance is provided, to the extent possible, at specific points rather than by a parallel road;
   
   viii. The width of any necessary parallel road providing access for maintenance is as small as possible, but not greater than 15 feet, the road is maintained without the use of herbicides, pesticides or other hazardous substances and the location of the road is contiguous to the utility corridor on the side away from the wetland;
   
   ix. Joint use of an approved sewer utility corridor by other utilities may be allowed.

D. The following surface water management activities and facilities may be allowed in wetland buffers only as follows:
i. Surface water discharge to a wetland buffer from a detention facility, pre-settlement pond or other surface water management activity or facility may be allowed if the discharge does not increase the rate of flow, change the plant composition in a forested wetland or decrease the water quality of the wetland;

ii. A Category 2 wetland or buffer may be used for a regional retention/detention facility if:
   a. A public agency and utility exception is granted pursuant to BMC 19.40.070.3;
   b. All requirements of the Surface Water Design Manual are met; and
   c. The use will not alter the rating or the factors used in rating the wetland.

iii. A Category 3 wetland buffer which has as its major function the storage of water may be used as a regional retention/detention facility if a pre-settlement pond is required and all requirements of the Surface Water Design Manual are met; and

iv. Use of a wetland buffer for a surface water management activity or facility, other than a retention/detention facility, such as an energy dissipater and associated pipes, may be allowed only if the applicant demonstrates, to the satisfaction of the City, that:
   a. No practicable alternative exists; and
   b. The functions of the buffer or the wetland are not adversely affected.

E. Public and private trails may be allowed in wetland buffers only if:

i. The trail surface shall not be made of impervious materials, except that public multipurpose trails may be made of impervious materials if:
   a) they meet all other requirements including water quality; and
   b) an impervious trail has less of an impact on the wetland and its buffer.

ii. The use of elevated boardwalks for trails is encouraged. [Ord. 394 § 1, 2003]


1. General Requirements.

A. All approved activities that affect regulated wetlands or their buffers require compensatory mitigation so that the goal of no net loss of wetland function or value may be achieved.

B. Mitigation for alterations to wetlands shall achieve equivalent or greater biological functions. Mitigation plans shall be consistent with the Department of Ecology Guidelines
for Developing Freshwater Wetlands Mitigation Plans and Proposal (Ecology, 1994) or other best available science.

C. *Wetland* mitigation shall provide for *in-kind* lost *functions and values*. Mitigation actions shall address functions affected by the *alteration* to achieve functional equivalency or improvement, and shall provide similar *wetland* functions as those lost except when:

i. The altered *wetland* provides minimal functions as determined by a site-specific function assessment; and

ii. The proposed mitigation action(s) will provide equal or greater functions or will provide functions that are limited in the watershed; or

iii. Out of kind replacement will best meet formally identified regional goals, such as replacement of historically diminished *wetland* types.

2. Types of Mitigation. *Applicants* shall demonstrate that all reasonable efforts have been examined with the intent to avoid and minimize impacts to *wetlands* and *wetland buffers*. When an *alteration* to a *wetland* or its required *buffer* is proposed, such *alteration* shall be avoided, minimized, or compensated for in the following order of preference:

   A. Avoidance of *wetland* and *wetland buffer* impacts, whether by finding another *site* or changing the location of the proposed activity on-site.

   B. Minimizing *wetland* and *wetland buffer* impacts by limiting the degree of impact on-site.

   C. Mitigation actions that require compensation by replacing, enhancing, or substitution shall occur in the following order of preference:

      i. *Restoring wetlands* on upland *sites* that were formerly *wetlands*.

      ii. *Creating wetlands* on disturbed upland *sites* such as those with vegetative cover consisting primarily of exotic introduced species or noxious weeds.

      iii. *Enhancing significantly degraded wetlands*.

3. Mitigation Location. Mitigation actions shall be conducted within the same *sub-drainage basin* and on the *site* as the alteration except when all of the following apply:

   A. There are no reasonable on-*site* or in *sub-drainage basin* opportunities or on-*site* and in *sub-drainage basin* opportunities do not have a high likelihood of success due to development pressures, adjacent land uses, or on-*site* buffers or connectivity are inadequate;

   B. *Off-site* mitigation has a greater likelihood of providing equal or improved *wetland* functions than the impacted *wetland*; and
C. Off-site locations shall be in the same sub-drainage basin and the same Water Resource Inventory Area (WRIA) unless regional or watershed goals for water quality, flood or conveyance, habitat or other wetland functions have been established and strongly justify location of mitigation at another site.

D. If compensatory wetland or wetland buffer mitigation is proposed off-site, a signed statement of consent is required from owners of all affected properties. This statement shall be submitted to the Director and a Notice on Title recorded with King County Department of Assessments prior to approval of a compensatory mitigation plan.

4. Mitigation Timing. Mitigation shall be completed immediately following disturbance and prior to use or occupancy of the activity or development causing the wetland alteration. Construction of mitigation projects shall be timed to reduce impacts to existing wildlife and flora.

5. Mitigation Schedule.

   A. A mitigation monitoring schedule shall be established for a period of five years.

   B. An “as-built” mitigation report shall be submitted to the City within one month of mitigation installation. Acceptance of the as-built report by the City will be made after a site investigation is performed by the City, and all changes requested by the City are completed.

   C. Mitigation monitoring reports shall be submitted annually to the City.

6. Financial Surety. A performance bond, or other approved financial surety, is required before building and clearing and grading permits are issued. The purpose of the financial surety is to hold an applicant accountable for implementing the mitigation, monitoring, and contingency plans. The release of financial surety is contingent on satisfactory completion by the applicant of the proposed construction, mitigation, monitoring, and contingency plans as determined by the Director.

7. Mitigation Ratios.

   A. The following ratios shall apply to creation or restoration that meets all other requirements in Section 19.40.330.1 to .6 and is the same category of wetland, and has a high probability of success. The first number in the following table specifies the acreage of replacement wetlands and the second specifies the acreage of wetlands altered.

<table>
<thead>
<tr>
<th>Wetland Category</th>
<th>Creation or Restoration Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 1 and 2</td>
<td>3-to-1</td>
</tr>
<tr>
<td>Category 3 and 4</td>
<td>2-to-1</td>
</tr>
</tbody>
</table>
B. Increased creation or restoration ratios. The City of Burien may increase the ratios under the following circumstances:

i. Uncertainty exists as to the probable success of the proposed restoration or creation;

ii. A significant period of time will elapse between impact and replication of wetland functions;

iii. Proposed mitigation will result in a lower category wetland or reduced functions relative to the wetland being impacted; or

iv. The impact or alteration requiring mitigation was not authorized by the City.

8. Wetlands Enhancement as Mitigation.

A. Impacts to wetlands may be mitigated by enhancement of existing significantly degraded wetlands. Applicants proposing to enhance wetlands must produce a critical area study that identifies how enhancement will increase the functions of the degraded wetland and how this increase will adequately mitigate for the loss of wetland area and function at the impact site. An enhancement proposal must also show whether existing wetland functions will be reduced by the enhancement actions.

B. At a minimum, enhancement acreage shall be double the acreage required for creation or restoration under Subsection A.

9. Wetland and Wetland Buffer Violations. Restoration shall be required when a wetland or its buffer is altered in violation of law or without any specific permission or approval by the Director. The following minimum requirements shall be met for the restoration of a wetland:

A. The original wetland configuration shall be replicated including its depth, width, length and gradient at the original location;

B. The original soil type and configuration shall be replicated;

C. The wetland edge and buffer configuration shall be restored to its original condition;

D. The wetland, edge and buffer shall be replanted with vegetation native to Burien which replicates the original vegetation in species, sizes and densities; and

E. The original wetland functions shall be restored including, but not limited to, hydrologic and biologic functions.

F. Violators may be imposed penalties pursuant to Chapter 1.15 BMC.
G. At the discretion of the Director, the violator may be required to enhance the wetland or wetland buffer to provide higher functions and values than the original wetland or wetland buffer. [Ord. 560 § 1 (Exh. A), 2012; Ord. 394 § 1, 2003]

19.40.340 Streams – Designation and Classification

1. General Requirements. The goal of stream regulations in the City of Burien is to preserve and enhance stream banks and stream channels to their natural condition and to maintain and enhance existing fish and wildlife species and habitat diversity.

2. Applicability. All water bodies meeting the definition of streams that lie within the City of Burien are regulated by this section. Ditches are excluded from regulation as streams under this section; ditches and artificial drainage features with documented current fish usage are regulated as streams.

3. Stream Classifications. Streams shall be classified as Type 1, Type 2, Type 3, or Type 4 according to the criteria in this section.

   A. Type 1: Streams inventoried as “Shorelines of the State” under Chapter 90.58 (RCW).

   B. Type 2: Streams that are natural streams that have perennial (year round) or intermittent flow and have documented use by salmonids.

   C. Type 3: Streams that are natural streams that have perennial flow and are not used by salmonids.

   D. Type 4: Streams that are natural streams with perennial or intermittent flows that are not used by fish. [Ord. 394 § 1, 2003]

19.40.350 Streams – Performance Standards.

1. General Requirements.

   A. Any alterations to a stream may require state and federal approvals that may require mitigation and conditions of approval beyond those required by the City.

   B. The use of hazardous substances, pesticides and fertilizers in the stream corridor and its buffer are prohibited by the City of Burien unless approved by the City.

   C. Plantings in a stream or buffer should be native to Western Washington or increase the functions of the stream or buffer.

   D. No vegetation removal, including mowing, shall be allowed in a stream buffer unless authorized by the Director. Removal of noxious weeds is permitted if done manually.
E. Non-Conformance. Activities occurring in a stream or stream buffer prior to October 20, 2003 shall be considered a non-conforming use as described in BMC 19.55.

2. Buffers.

A. A stream buffer area shall be established as required in this section. The purpose of the buffer shall be to protect the integrity, functions, and values of the stream.

B. Required buffer widths shall reflect the sensitivity of the particular stream. The following minimum buffers for streams shall be established from the ordinary high water mark of the adjacent stream(s) or from the top of the defined stream bank if the ordinary high water mark cannot be identified:

<table>
<thead>
<tr>
<th>Stream Type</th>
<th>Standard Stream Buffer (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1*</td>
<td>125</td>
</tr>
<tr>
<td>Type 2</td>
<td>100</td>
</tr>
<tr>
<td>Type 3</td>
<td>50</td>
</tr>
<tr>
<td>Type 4</td>
<td>25</td>
</tr>
</tbody>
</table>

* as of October 20, 2003, no Type 1 streams exist in Burien

C. Any stream restored or enhanced because of a stream alteration shall have the minimum buffer required for the highest stream class involved pursuant to an approved mitigation plan and stream study set forth in Section 19.40.370.

D. No impervious surfaces are allowed within fifteen (15) feet of the edge of a designated or modified stream buffer. This area serves to protect the stream during development activities, use, and routine maintenance occurring adjacent to these resources. The following impervious surfaces may be allowed within fifteen (15) feet of the buffer edge: building overhangs which do not extend more than eighteen (18) inches into the area, and residential driveways and patios subject to water quality regulations as adopted in the City’s stormwater management regulations (BMC 13.10).

E. Increased stream buffer widths may be required by the City of Burien when the slope is susceptible to erosion and standard erosion-control measures will not prevent adverse impacts to the stream.

F. Any stream with an ordinary high water mark within twenty-five (25) feet of the toe of a slope thirty percent (30%) or steeper, shall have the minimum buffer required for the stream class involved or a twenty-five (25) foot buffer beyond the top of the slope, whichever is greater.

G. Standard buffer width averaging may be allowed by the Director (in accordance with an approved critical area review) if:
i. Additional protection to the stream and riparian habitat area will be provided through the implementation of a buffer enhancement plan as described in BMC 19.40.350.2(H);

ii. Minimum buffer width is the greater of fifty percent (50%) of the standard buffer width or twenty-five (25) feet;

iii. Stream and riparian functions or values will not be reduced; and

iv. As long as the total area contained in the buffer on the development proposal site does not decrease.

H. Buffer reduction with enhancement may be allowed by the Director (in accordance with an approved critical area study) if:

i. Additional protection to streams will be provided through the implementation of a buffer enhancement plan.

ii. The existing condition of the buffer is degraded.

iii. Buffer enhancement includes, but is not limited to, the following:

a. Planting vegetation that would increase value for fish and wildlife habitat, improve water quality, or provide aesthetic/recreational value.

b. Enhancement of wildlife habitat by incorporating structures that are likely to be used by wildlife, including wood duck boxes, bat boxes, nesting platforms, snags, rootwads/stumps, birdhouses, and heron nesting areas.

c. Removing non-native plant species from the buffer area.

iv. Buffer reductions under this Section shall be limited to twenty-five (25)% of the standard buffer width or a minimum of twenty-five (25) feet, whichever is greater.

v. If the buffer reduction results in a buffer of less than twenty-five (25) feet, the applicant shall be responsible for attending an environmental stewardship class acceptable to the City.

I. Unless otherwise provided, the following restrictions shall apply to all development proposals within the vicinity of all City of Burien streams and stream buffers that include the introduction of livestock:

i. Implementation of a plan approved by the Director to protect and enhance the stream’s water quality; and

ii. Fencing located at the stream buffer edge. [Ord. 560 § 1 (Exh. A), 2012; Ord. 394 § 1, 2003]
19.40.360  Streams – Permitted Alterations

1. Alteration to Streams.

A. Relocation or piping of any Type 1 or 2 stream in the City of Burien shall not be permitted unless undertaken for stream enhancement as described in BMC 19.40.360.1 (B). Relocation or piping of Type 3 or 4 streams may take place only when it is part of an approved mitigation or restoration plan, and will result in equal or better habitat and water quality, and will not diminish the flow capacity of the stream.

B. Stream enhancement not associated with any other development proposal may be allowed if:

   i. An approved design, implementation, maintenance, and monitoring plan prepared by a civil engineer and a qualified professional is approved by the Director;

   ii. The plan is carried out under the direct supervision of a qualified professional pursuant to provisions contained in administrative rules;

   iii. The enhancement is accomplished by a public agency with a mandate to do such work;

   iv. The enhancement is limited to placement of rock weirs, log controls, spawning gravel, other specific salmonid improvements, and involves only light equipment or hand labor; and

   v. Water quality in the stream is protected during construction.

C. A stream channel may be stabilized if:

   i. Movement of the stream channel threatens existing residential or commercial structures, public facilities or improvements, unique natural resources or the only existing access to property; and

   ii. The stabilization is done in compliance with the requirements of BMC 19.40.240 through 19.40.280.

2. Alterations to Stream Buffers. No alteration may occur in a stream buffer except as permitted below:

   A. Buffer enhancements may be allowed pursuant to an approved mitigation plan as described in BMC 19.40.370.

   B. Buffers and vegetation within the buffer shall be protected during construction by placement of a temporary fencing, on-site notice for construction crews of the presence of the stream, and implementation of appropriate erosion and sedimentation controls.
C. Utilities such as water, telephone, cable, electric, and natural gas may be allowed in Type 3 or Type 4 *stream buffers* if:

i. The *Director* determines that no practical alternative location is available; and

ii. The utility corridor meets any additional requirements set forth by the *Director* and BMC 19.40.070(3) including, but not limited to, requirements for installation, replacement of vegetation and maintenance.

D. Sewer utility corridors may be allowed in *stream buffers* only if all of the following criteria are met:

i. The *applicant* demonstrates that sewer lines are necessary for gravity flow;

ii. The corridor is not located in a *stream* or *stream buffer* used by *species* listed as *endangered* or *threatened* by the state or federal government or containing critical or outstanding actual habitat for those *species* or heron rookeries or raptor nesting trees;

iii. The corridor alignment including, but not limited to, any allowed maintenance roads, follows a path beyond a distance equal to seventy-five percent (75%) of the *stream buffer* width from the *ordinary high water mark*;

iv. Corridor construction and maintenance protects the *stream* and *stream buffer* and is aligned to avoid cutting trees greater than twelve (12) inches in diameter at breast height, when possible, and pesticides, herbicides, and other *hazardous substances* are not used;

v. An additional, contiguous and undisturbed *buffer*, equal in width to the proposed corridor including any allowed maintenance roads, is provided to protect the *stream*;

vi. The corridor is revegetated with appropriate vegetation *native* to the City at preconstruction densities or greater immediately upon completion of construction or as soon thereafter as possible, and the sewer utility ensures that such vegetation survives;

vii. Any additional corridor access for maintenance is provided, to the extent possible, at specific points rather than by a parallel road; and

viii. The width of any necessary parallel road providing access for maintenance is as small as possible, but not greater than fifteen (15) feet, the road is maintained without the use of herbicides, pesticides or other *hazardous substances* and the location of the road is contiguous to the utility corridor on the side away from the *stream*.

ix. Joint use of an approved sewer utility corridor by other utilities may be allowed.
E. The following surface water management activities and facilities may be allowed in Type 3 and Type 4 stream buffers only as follows:

i. Surface water discharge to a Type 3 or Type 4 stream from a detention facility, pre-settlement pond or other surface water management activity or facility may be allowed if discharge does not increase the rate of flow, change the fish habitat or decrease the water quality of the stream;

ii. A Type 3 or Type 4 stream or stream buffer may be used for a regional retention/detention facility if:
a. A public agency and utility exception is granted pursuant to BMC 19.40.070.3;

b. All requirements of the King County Surface Water Design Manual, as adopted in BMC 13.10, are met;

c. The use will not alter the rating or the factors used in rating the stream, and

d. There are no significant adverse impacts to the stream.

F. Public and private trails may be allowed in stream buffers only if:

i. The trail surface shall not be made of impervious materials, except that public multipurpose trails may be made of impervious materials if:
   a) they meet all other requirements including water quality, and
   b) an impervious trail has less of an impact on the wetland and its buffer.

ii. The use of elevated boardwalks for trails is encouraged.

G. Stream crossings may be allowed and may encroach on the required stream buffer if the following conditions are met. Stream crossings include those for streets, trails, or private vehicular access easements.

i. There is no other feasible access to the property;

ii. All crossings use bridges or other construction techniques which do not disturb the stream bed or bank, except that bottomless culverts, fish friendly culverts or other appropriate methods demonstrated to provide fisheries protection may be used for Type 2, 3, or 4 streams if the culvert design is in accordance with the WDFW manual Fish Passage Design at Road Culverts;

iii. All crossings are constructed during low stream flow periods and are timed to avoid stream disturbance during periods when use is critical to salmonids, construction timing must coincide with the WDFW in-water work windows;

iv. Crossings do not occur over salmonid spawning areas;

v. Bridge piers or abutments are not placed within the FEMA floodway or the ordinary high water mark;

vi. Crossings do not diminish the flood-carrying capacity of the stream;

vii. Underground utility crossings are laterally drilled and located at a depth of four (4) feet below the maximum depth of scour for the base flood predicted by a civil engineer licensed by the State of Washington; and

viii. Crossings are minimized and serve multiple purposes and properties whenever possible. [Ord. 394 § 1, 2003]
19.40.370 Streams – Mitigation requirements.

1. General Requirements.

A. All impacts to streams that degrade the functions and values of the stream shall be avoided. If alteration to the stream is unavoidable, all adverse impacts to the stream and its buffer resulting from a development proposal or alteration shall be mitigated in accordance with an approved mitigation plan as described below.

B. Restoration or mitigation shall be required when a stream or its buffer is altered in violation of law or without any specific permission or approval by the Director. A mitigation plan shall demonstrate that:

   i. The stream has been degraded and will not be further degraded by the mitigation activity;

   ii. The mitigation will improve the water quality and fish and wildlife habitat of the stream;

   iii. The mitigation will have no lasting significant adverse impact on any stream functions; and

   iv. The mitigation will assist in stabilizing the stream channel.

C. Mitigation minimum requirements shall include:

   i. All work shall be carried out under the direct supervision of a qualified professional;

   ii. Engineering analysis as described in BMC 13.10 shall be performed to determine hydrologic conditions;

   iii. The natural channel dimensions shall be replicated including its depth, width, length and gradient at the original location, and the original horizontal alignment (meander lengths) shall be replaced;

   iv. The bottom shall be restored with identical or similar materials;

   v. The bank and buffer configuration shall be restored to its original condition;

   vi. The channel, bank and buffer areas shall be replanted with vegetation native to Western Washington which replicates the original vegetation in species, sizes and densities; and

   vii. The original biologic functions of the stream shall be recreated.

2. Mitigation Location. Mitigation of adverse impacts to riparian habitat areas or streams shall result in equivalent functions and values on a per function basis, be located as near the alteration as feasible, and be located in the same sub drainage basin as the habitat impacted.

3. Mitigation Schedule.

   A. A mitigation monitoring schedule shall be established for a period of five (5) years.
B. An “as-built” mitigation report shall be submitted to the City within one (1) month of mitigation installation. Acceptance of the as-built report by the City will be made after a site investigation is performed by the City, and all changes requested by the City are completed.

C. Mitigation monitoring reports shall be submitted annually to the City and shall show that the mitigated area is meeting performance standards and goals set forth in the mitigation plan.

4. Financial Surety. A performance bond, or other approved financial surety, is required before building and clearing and grading permits are issued. The purpose of the financial surety is to hold an applicant accountable for implementing the mitigation, monitoring, and contingency plans. The release of financial surety is contingent on satisfactory completion by the applicant of the proposed construction, mitigation, monitoring, and contingency plans as determined by the Director. [Ord. 394 § 1, 2003]

19.40.380 Fish and Wildlife Habitat Conservation Areas – Designation and Classification

1. Fish and wildlife habitat conservation areas are those habitat areas that meet any of the following criteria:

   A. Areas with which endangered, threatened, and sensitive species listed by the federal government or the State of Washington have a primary association;

   B. All public and private tidelands or bedlands suitable for commercial or recreational shellfish harvest;

   C. Kelp and eel-grass beds identified by the Washington Department of Natural Resources;

   D. Herring and smelt spawning areas as outlined in Chapter 220-110 WAC and the Puget Sound Environmental Atlas as presently constituted or as may be subsequently amended;

   E. Naturally occurring ponds under 20 acres and their submerged aquatic beds that provide fish or wildlife habitat;

   F. Bald eagle habitat protected pursuant to the Washington State Bald Eagle Protection Rules (WAC 232-12-292); or

   G. Heron rookeries or active nesting trees.

2. The approximate location and extent of known fish and wildlife habitat conservation areas are shown on the critical area maps adopted by the City, as most recently updated. The following maps are to be used as a guide for the City, but do not provide a final critical area designation:

   A. Washington State Department of Fish and Wildlife Priority Habitat and Species Maps;

   B. Anadromous and resident salmonid distribution maps contained in the Habitat Limiting Factors Reports published by the Washington Conservation Commission; and

   C. Washington State Digital Coastal Atlas and Coastal Zone Management Program. [Ord. 394 § 1, 2003]
19.40.390 Fish and Wildlife Habitat Conservation Areas Performance Standards

1. The Director shall require the establishment of buffer areas for activities in, or adjacent to, fish and wildlife habitat conservation areas, when needed to protect fish and wildlife habitat conservation areas. Buffers shall:

   A. Consist of an undisturbed area of native vegetation, or areas identified for restoration, established to protect the integrity, functions and values of the affected habitat;

   B. Reflect the sensitivity of the habitat and the type and intensity of human activity proposed to be conducted on the site and on adjacent sites; and

   C. Be consistent with the management recommendations issued by the state Department of Fish and Wildlife.

2. When a species is more susceptible to adverse impacts during specific periods of the year, seasonal restrictions may apply. Larger buffers may be required and activities may be further restricted during the specified season.

3. A Habitat Management Plan may be required by the Director when the critical area review of a development proposal determines that the proposed activity will have an affect on habitat conservation areas.

   A. All Habitat Management Plans shall be prepared by a qualified professional in consultation with the state Department of Fish and Wildlife. Habitat Management Plans for critical species listed as endangered or threatened shall be approved by the City following review and approval by the Department of Fish and Wildlife.

   B. Habitat Management Plan Content Requirements. Based on the characteristics of the site and information submitted by the applicant, the Director may require that all or a portion of the following be included in a Habitat Management Plan:

      i. A map drawn to scale or survey showing the following information:

         a. All lakes, ponds, streams, and wetlands on, or adjacent to the subject property, including the name (if named), ordinary high water mark of each, and the stream type or wetland class;

         b. The location and description of the fish and wildlife habitat conservation areas on the subject property, as well as any potential fish and wildlife habitat conservation areas within 200 feet of the subject property as shown on the City’s adopted critical area maps; and

         c. The location of any observed evidence of use by a listed species.

      ii. An analysis of how the proposed development activities will affect the fish and wildlife habitat conservation areas and listed species;

      iii. The Habitat Management Plan should also address the following mitigation measures:
a. Reduction or limitation of development activities within the fish and wildlife habitat conservation areas;
b. Use of low impact development techniques or clustering of development on the subject property to locate structures in a manner that preserves and minimizes adverse effects to habitat areas;
c. Seasonal restrictions on construction activities on the subject property;
d. Preservation or retention of habitat and vegetation on the subject property in contiguous blocks or with connection to other habitats that have a primary association with listed species;
e. Establishment of a buffer around the fish and wildlife habitat conservation areas;
f. Limitation of access to the fish and wildlife habitat conservation areas and buffer; and
g. The creation or restoration of habitat area for the listed species.

4. Non-indigenous species shall not be introduced. No plant, wildlife, or fish species not indigenous to the Puget Sound region shall be introduced into a fish and wildlife habitat conservation areas unless authorized by a state or federal permit or approval. [Ord. 394 § 1, 2003]

19.40.400 Fish and Wildlife Habitat Conservation Areas – Permitted Alterations

1. Fish and wildlife habitat conservation areas or their buffers may be altered only if the proposed alteration of the habitat or the mitigation proposed does not degrade the functions and values of the habitat. All new structures and land alterations shall be prohibited from habitat conservation areas except in accordance with this Chapter.

2. Approvals of activities may be conditioned. The Director may condition approvals of activities allowed adjacent to fish and wildlife habitat conservation areas as necessary, to minimize or mitigate any potential adverse effects. Conditions may include, but are not limited to, the following:

   A. Establishment of buffer zones;

   B. Preservation of vegetation with which listed species have a primary association;

   C. Limitation of access to the habitat area, including fencing to deter unauthorized access;

   D. Seasonal restriction of construction activities;

   E. Requirement of mitigation for activities having an effect on fish and wildlife habitat conservation areas; and

   F. Requirement of a performance bond, when necessary, to ensure completion and successful implementation of proposed mitigation (BMC 19.40.180).

3. Low impact uses and activities which are consistent with the purpose and function of the habitat buffer and do not detract from its integrity may be permitted within the buffer depending on
the sensitivity of the habitat area. Any impacts from these uses and activities shall be mitigated. Examples of uses and activities which may be permitted by the Director include:

A. Pervious trails;
B. Viewing platforms;
C. Storm water management features such as grass-lined swales, and
D. Utilities and utility easements.

4. Mitigation shall result in contiguous habitat. Mitigation sites shall be located to achieve contiguous wildlife habitat in accordance with a mitigation plan that is part of an approved habitat Management Plan to minimize the isolating effects of development on habitat areas. Mitigation of aquatic habitat must be located within the same aquatic ecosystem or watershed as the area disturbed.

5. Mitigation of alterations to habitat conservation areas shall achieve equivalent or greater biologic functions, and in the case of streams shall include mitigation for adverse impacts upstream and/or downstream of the development proposal site. Mitigation shall address each function affected by the alteration to achieve functional equivalency or improvement on a per function basis. [Ord. 394 § 1, 2003]

19.40.410 Fish and Wildlife Habitat Conservation Areas – Specific Habitats

1. Endangered, threatened, and sensitive species habitat.
   A. No alteration shall be allowed within a fish and wildlife habitat conservation area with which state or federally endangered, threatened, or sensitive species have a primary association without Federal and State approval.
   
   B. Whenever activities are proposed adjacent to a fish and wildlife habitat conservation area with which state or federally endangered, threatened, or sensitive species have a primary association, such area shall be protected through the application of protection measures in accordance with a Habitat Management Plan prepared by a qualified professional and approved by the City.
   
   C. Bald eagle habitat shall be protected pursuant to the Washington State Bald Eagle Protection Rules (WAC 232-12-292). Whenever activities are proposed adjacent to a verified nest territory or communal roost, a Habitat Management Plan shall be developed by a qualified professional. Activities are adjacent to bald eagle sites when they are within eight hundred (800) feet of an eagle nest, or within a quarter mile (1,320 feet) if in a shoreline foraging area. The applicant shall verify the location of eagle management areas for each proposed activity. Prior to issuance of the building permit by the City, the applicant shall provide written approval of the Habitat Management Plan by the Department of Fish and Wildlife.

2. Aquatic Habitats.
   A. All activities, uses, and alterations proposed to be located in water bodies used by salmonid fish species or in areas that affect such water bodies shall give special consideration to the preservation and enhancement of salmonid habitat.
B. Filling of aquatic habitats, when authorized by the City of Burien’s Shoreline Management Master Program, shall not adversely impact salmonids or their habitat or shall mitigate any unavoidable impacts, and shall only be allowed for a water-dependent activity. [Ord. 394 § 1, 2003]

19.40.420 Critical aquifer recharge areas – Designation and Classification

1. Purpose and Intent. The purpose of this section is to protect critical aquifer recharge areas from degradation or depletion resulting from new and redeveloping land use activities. Due to the potential vulnerability of groundwater underlying certain aquifer recharge areas to contamination and the importance of such groundwater as sources of public water supply, it is the intent of this section to safeguard groundwater resources by mitigating or precluding future discharges of contaminants from new development activities and redevelopment activities.

2. Applicability.

A. General. The provisions of this section shall apply to regulated facilities as defined in this ordinance within or adjacent to those portions of the City of Burien designated as critical aquifer recharge areas on the City of Burien Critical Areas Map. Regulated facilities are those commercial, industrial and home occupation uses that:

i. Process or handle hazardous materials in regulated quantities; and

ii. Treat and store regulated quantities of hazardous materials.

B. The City of Burien shall administer the provisions of this Chapter and shall determine appropriate mitigation measures.

3. Classification.

A. Criteria. Any site located within the City of Burien and within or adjacent to the boundaries of any critical aquifer recharge area is subject to the provisions of this Chapter.

B. Sources. The following sources were used to identify the aquifer recharge areas that are depicted on the Critical Areas Map.


19.40.430 Critical aquifer recharge areas - Performance Standards.

1. Prohibited activities and land uses - critical aquifer recharge areas. The following land uses and activities for new development or redevelopment shall be prohibited within or adjacent to critical aquifer recharge areas:

   A. Solid waste landfills;

   B. Disposal of hazardous or dangerous wastes;

   C. All underground injection wells as defined in Chapter 173-218 WAC;

   D. Mining
      i. Metals and hard rock mining.
      ii. Sand and gravel mining is prohibited from critical aquifer recharge areas determined to be highly susceptible or vulnerable.

   E. Wood Treatment Facilities. Wood treatment facilities that allow any portion of the treatment process to occur over permeable surfaces (both natural and manmade);

   F. Storage, processing, or disposal of radioactive substances. Facilities that store, process, or dispose of radioactive substances;

   G. Dry cleaning establishments using the solvent perchloroethylene; and

   H. Other.
      i. Activities that would significantly reduce the recharge to aquifers currently or potentially used as a potable water source;
      ii. Activities that would significantly reduce the recharge to aquifers that are a source of significant baseflow to a regulated stream;
      iii. Activities that are not connected to an available sanitary sewer system are prohibited from critical aquifer recharge areas associated with sole source aquifers.

2. Hazardous materials questionnaire required. Applications for development or redevelopment of regulated facilities within the boundaries of critical aquifer recharge areas shall be accompanied by a completed hazardous materials questionnaire to determine the regulatory status of the applicant facility. The Director shall review the hazardous materials questionnaire to determine whether the facility is regulated under this ordinance. If it is determined that the applicant is a regulated facility that processes, handles, treats, and/or stores hazardous substances as defined by this ordinance, the applicant facility must submit a Critical Areas Report pursuant to this Section to the City.

3. Critical area review for critical aquifer recharge areas required.

   A. After reviewing the hazardous materials questionnaire, the Director may require a critical area review pursuant to BMC 19.40.090 through 19.40.150.

   B. Notification to adjacent water supply systems. The City of Burien shall provide written notice to the operators of neighboring water supply systems in whose wellhead protection area
the proposed regulated activity is located. The City of Burien shall consider comments received from the water system when reviewing the hydrogeologic assessment.

4. Appeal of determination.

A. The Director’s determination that the facility is a regulated facility or within a critical aquifer recharge area may be appealed according to, and as part of the appeal procedure for the underlying permit or approval involved. The appeal must be accompanied with a hydrogeologic assessment to assess the facility’s potential impact on the aquifer.

B. Prepared by a qualified professional. The hydrogeologic assessment should be prepared by a licensed engineer, engineering geologist, geologist, or hydrogeologist registered in the State of Washington and approved by the City of Burien.

C. Hydrogeologic assessment report. A hydrogeologic assessment shall include, but is not limited to, the following:

i. Information sources;

ii. Geologic setting--include well logs or borings used to characterize the area;

iii. Background water quality;

iv. Groundwater elevations;

v. Location/depth to perched water tables;

vi. Recharge potential of the proposed development site (permeability/transmissivity);

vii. Groundwater flow direction and gradient;

viii. Currently available data on wells located within 1,000 feet of site;

ix. Currently available data on any spring within 1,000 feet of site;

x. Surface water location and recharge potential;

xi. Water source supply to site;

xii. Any sampling schedules necessary;

xiii. Discussion of the effects of the proposed project on the groundwater resource;

xiv. Description of potential mitigation measures, should it be determined that the proposed project may have an adverse impact on groundwater resources; and

xv. Other information as required by the City of Burien.

D. If the hydrogeologic assessment determines that the facility will have no effect on groundwater, the facility is exempt from the performance standards requirements in Sections 19.40.350.6.
E. If the hydrogeologic assessment determines that the facility could have an effect on the groundwater resource, the City shall require implementation of development standards and applicable performance standards in 19.40.350.5 and 19.40.350.6.

5. Performance standards – General requirements

A. Activities may only be permitted in a critical aquifer recharge area if the applicant can show that the proposed activity will not cause contaminants to enter the aquifer and that the proposed activity will not adversely affect the recharging of the aquifer.

B. The proposed activity must comply with the water source protection requirements and recommendations of the federal Environmental Protection Agency, and state Department of Health, and the King County Health District.

C. Storage tank permits. The City of Burien specifically regulates and authorizes permits for underground storage tanks, pursuant to the Uniform Fire Code (Article 79) and this Chapter. The Washington Department of Ecology also regulates and authorizes permits for underground storage tanks (WAC 173-360). The local Fire District regulates and authorizes permits for the removal of underground storage tanks (UFC 7902).

D. Owners and operators of facilities with existing underground storage tanks that are located within an critical aquifer recharge area shall comply with all release detection requirements as specified in WAC 173-360.

E. Spreading or injection of reclaimed water. Water reuse projects for reclaimed water must be in accordance with the adopted water or sewer comprehensive plans that have been approved by the departments of Ecology and Health.

   i. Surface spreading must meet the ground water recharge criteria given in Chapter 90.46.080 RCW and Chapter 90.46.010(10).

   ii. Direct injection must be in accordance with the standards developed by authority of Chapter 90.46.042 RCW.

F. Storm water treatment and control as per the King County Surface Water Design Manual.

6. Development standards for regulated facilities within critical aquifer recharge areas. The following mitigation measures, as applicable, are required for development of regulated facilities within a critical aquifer recharge area:

A. Floor drains shall not be allowed to drain to the storm water system and must be designed and installed to meet the Uniform Plumbing Code (UPC) Section 303.

B. If any roof venting carries contaminants, then the portion of the roof draining this area must go through pretreatment pursuant to UPC Section 304(b).

C. All nonresidential vehicle washing must be self contained or be discharged to a sanitary sewer system, if approved by the sewer utility, and is subject to UPC Sections 708 and 711.
D. Utilize Integrated Pest Management (IPM) practices for pest control and Best Management Practices (BMPs) for the use of fertilizers as described by the King County Local Hazardous Waste Management Program.

E. Facilities installing new underground tanks. All new underground storage facilities used or to be used for the underground storage of hazardous substances or hazardous wastes shall meet the requirements of WAC 173-360 and be designed and constructed so as to:

i. Prevent releases due to corrosion or structural failure for the operational life of the tank;

ii. Be protected against corrosion, constructed of non-corrosive material, steel clad with a non-corrosive material, or designed to include a secondary containment system to prevent the release or threatened release of any stored substance; and

iii. Use material in the construction or lining of the tank which is compatible with the substance to be stored.

F. Aboveground tanks

i. No new aboveground storage facility or part thereof shall be fabricated, constructed, installed, used, or maintained in any manner which may allow the release of a hazardous substance to the ground, or groundwater of the City of Burien within an critical aquifer recharge area.

ii. For a tank that will contain a hazardous substance, no new aboveground tank or part thereof shall be fabricated, constructed, installed, used, or maintained without having constructed around and under it an impervious containment area enclosing or underlying the tank or part thereof.

iii. A new aboveground tank that will contain a hazardous substance will require a secondary containment system either built into the tank structure or a dike system built outside the tank for all tanks located within a critical aquifer recharge area. The secondary containment system or dike system must be designed and constructed to contain the material stored in the tank(s), have a capacity of at least 110 percent of the primary tank and conform to the requirements of UFC Chapter 7902.2.

G. Vehicle repair and servicing

i. Commercial vehicle repair and servicing must be conducted over impermeable pads and within a covered structure capable of withstanding normally expected weather conditions. Chemicals used in the process of vehicle repair and servicing must be stored in a manner that protects them from weather and provides containment should leaks occur.

ii. No dry wells shall be allowed in critical aquifer recharge areas on sites used for vehicle repair and servicing. Dry wells existing on the site prior to facility establishment must be abandoned using techniques approved by the state Department of Ecology prior to commencement of the proposed activity.

H. Additional protective measures may be required if deemed necessary by the City of Burien.
I. State and federal regulations--The uses listed below shall be conditioned as necessary to protect critical aquifer recharge areas in accordance with the applicable state and federal regulations.

Statutes, Regulations, and Guidance Pertaining to Ground Water Impacting Activities

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[Ord. 394 § 1, 2003]
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THIS MAP IS FOR DISPLAY ONLY. ALL DELINEATION ARE APPROXIMATE. ADDITIONAL SENSITIVE AREAS MAY ALSO BE IDENTIFIED BY ONSITE OR OTHER STUDIES.

City of Burien Critical Areas
April 6, 7 pm Regular Meeting
7:05 p.m. – 7:35 pm – Reception Honoring Citizen of the Year, Outgoing Advisory Board Members and Volunteers
Presentation of the Sustainable Airport Master Plan (SAMP).
(City Manager)
Discussion on NERA Surface Water Maintenance, Operation and Hook-Up Fees.
(Public Works)
(Community Development – Rescheduled from 4/20)
Discussion/Feedback from the Joint City Council/Planning Commission Meeting.
(Community Development)
Review of Council Proposed Agenda Schedule.
(City Manager)

April 20, 7 pm Regular Meeting
Motion to Adopt Resolution No. XXX, Relating to NERA Surface Water Maintenance, Operation and Hook-Up Fees.
(Public Works)
Discussion and Possible Action on the 2015 Comprehensive Plan Docket.
(Community Development – Rescheduled from 5/4)
(City Manager)
Discussion on City Council Meeting Guidelines.
(City Manager)
Review of Council Proposed Agenda Schedule.
(City Manager)

April 27, 7 pm Study Session
Report on Significant Tree Retention Policies.
(Community Development - Council direction on 4/28/14)
(Community Development)
Discussion of Animal Service Issues.
(City Manager)
Review of Council Proposed Agenda Schedule.
(City Manager)

May 4, 7 pm Regular Meeting
Presentation of the 2014 Annual Police Report Summary.
(Police – Rescheduled from 6/1)
Discussion on the City’s Advisory Boards and Commissions to Actively Engage Them in Helping to Advance the Council’s Priorities.
(City Manager – High Priority from Council Retreat on 1/24)
Review of Council Proposed Agenda Schedule.
(City Manager)

May 18, 7 pm Regular Meeting
Presentation on WRIA 9 Interlocal Agreement.
(Public Works – Rescheduled from 5/4)
Review of Council Proposed Agenda Schedule.
(City Manager)

May 25, Study Session – CANCELED (Memorial Day Holiday)
SUMMER SCHEDULE (June – August)

June 1, Tentative - Special Meeting – BEDP Interviews
7 pm Regular Meeting
Public Hearing and Discussion on the 2016 through 2021 Six-Year Transportation Improvement Program.
(Public Works)
Appoint Voting Delegate to the 2015 Association of Washington Cities (AWC) Annual Business Meeting.
(City Manager)
Tentative - Motion to Approve Appointments to the Business & Economic Development Partnership.
(City Manager)
Update on “Roadmap to Address Homelessness in Burien” Project.
(City Manager – Rescheduled from 5/4)
(Community Development – Rescheduled from 5/18)
Review of Council Proposed Agenda Schedule.
(City Manager)

June 15, 7 pm Regular Meeting
Motion to Approve Resolution No. xxx, Adopting the 2016 through 2021 Six-Year Transportation Improvement Program.
(Public Works)
Discussion and Possible Adoption of the Critical Areas Ordinance Update.
(Community Development – Rescheduled from 6/1)
Review of Council Proposed Agenda Schedule. (City Manager)

July 6, 7 pm Regular Meeting
Review of Council Proposed Agenda Schedule.
(City Manager)

July 20, 7 pm Regular Meeting
7:05 pm Recess to Transportation Benefit District (TBD No. 1) Board Meeting
Council Update on Off-leash Dog Park Project.
(Parks)
Review of Council Proposed Agenda Schedule.
(City Manager)

August 3, 7 pm Regular Meeting
Review of Council Proposed Agenda Schedule.
(City Manager)

August 17, 7 pm Regular Meeting
Review of Council Proposed Agenda Schedule.
(City Manager)

September 7, Regular Meeting – CANCELED (Labor Day Holiday)

September 21, 7 pm Regular Meeting
Public Hearing and Update on Revenue Sources and Expenditures for the 2015-2016 Mid-biennial Budget Review.
(Finance)
Review of Council Proposed Agenda Schedule.
(City Manager)

September 28, 7 pm Study Session
Review of Council Proposed Agenda Schedule. (City Manager)
October 5, 7 pm Regular Meeting
Discussion on 2016 Federal and State Legislative Priorities.
(City Manager)
Revisions to BMC Concerning Low Impact Development.
(Public Works)
Review of Council Proposed Agenda Schedule.
(City Manager)

October 19, 7 pm Regular Meeting
Motion to Adopt the 2016 State and Federal Legislative Priorities.
(City Manager)
Review of Council Proposed Agenda Schedule.
(City Manager)

October 28, 7 pm Study Session
Review of Council Proposed Agenda Schedule.
(City Manager)

November 2, 7 pm Regular Meeting
Discussion of Ordinance No. XXX, Increasing the City’s Surface Water Management Service Charges and Amending Chapter 13.10 of the Burien Municipal Code.
(Finance)
Discussion of Ordinance No. XXX, Adopting the City’s 2016 Property Tax Levy.
(Finance)
Presentation of the 2015-2016 Mid-biennial Budget Modification.
(Finance)
Presentation of the 2016 Financial Policies.
(Finance)
Public Hearing and Update on Revenue Sources and Expenditures for the 2015-2016 Mid-biennial Budget Review.
(Finance)
Review of Council Proposed Agenda Schedule.
(City Manager)

November 16, 7 pm Regular Meeting
Motion to Approve Ordinance No. XXX, Adopting the City’s 2016 Property Tax Levy.
(Finance)
Motion to Approve Ordinance No. XXX, Increasing the City’s Surface Water Management Service Charges and Amending Chapter 13.10 of the Burien Municipal Code.
(Finance)
Discussion of Ordinance No. XXX, Amending the 2015-2016 Biennial Budget.
(Finance)
Review of Council Proposed Agenda Schedule.
(City Manager)

November 23, 7 pm Study Session
Review of Council Proposed Agenda Schedule.
(City Manager)

December 7, 7 pm Regular Meeting
Arts Commission Recommendations on 1%-for-Art Fund.
(Parks)
Motion to Adopt Ordinance No. XXX, Amending the 2015-2016 Biennial Budget.
(Finance)
Motion to Adopt the 2016 Financial Policies.
(Finance)
Review of Council Proposed Agenda Schedule.
(City Manager)
December 21, 7 pm Regular Meeting
Review of Council Proposed Agenda Schedule.
(City Manager)

December 28, 7 pm Study Session
Review of Council Proposed Agenda Schedule.
(City Manager)

FUTURE AGENDA ITEMS (identified by Council)

High Priorities (1/24 Council Retreat)
   a. Discussion on Imposing Term Limits for the City Council (Legal and City Manager – Council direction on 6/2/14)

Medium Priorities (1/24 Council Retreat)
   b. Discussion on Community Recreation Center (Council direction on 12/1/14)
   c. Discussion on Garbage Service for Businesses (Council direction on 4/28/14)
   d. Discussion on Developing a Youth Council (Council direction on 9/22/14)
   e. Discussion on Banning Plastic Bags (Council direction on 11/17/14)

Low Priorities (1/24 Council Retreat)
   f. Discussion on Wi-Fi Service in Common Areas (Council direction on 9/15/14)
   g. Discussion on Requesting the State to Conduct an In-Depth Study of the Effects of Toxic Materials from the SeaTac Airport and the Aircraft that Arrive and Depart from It (Council direction on 9/22/14)
   h. Discussion on Establishing Multiple Rates Within the Business and Occupation (B&O) Tax According to Different Sizes or Types of Businesses (Council direction on 11/17/14)

FUTURE AGENDA ITEMS (identified by Staff)

   1. BMC Revisions Regarding Right-of-Way (Staff on 10/14/14)
   2. Presentation and Discussion of Ordinance No. xxx, Adopting the 2014 National Electrical Code (Staff on 12/16/14)
   3. Public Works Fee Schedule Modifications (Staff on 1/9/15)
   4. Addressing Impediments to Development (Staff on 1/9/15)
   5. Establishing Development Fee Implementation Dates and Credit Card Limits (Staff on 1/9/15)
   6. Development Permit Technology Fee In Anticipation of Permit Tracking Software Acquisition and Maintenance (Staff on 1/9/15)
   7. BMC Airport Sound Code Update to Reflect Completion of Part 150 Noise Study (Staff on 1/9/15)
   8. Sign Code Amendment Relating to Temporary Signs (Pending SCOTUS City of Gilbert Ruling) (Staff on 1/9/15)
   9. Council Adoption of Criteria for Use of Capital Partnership Fund (Public Works/Finance on 1/10/15)
   10. Sound Transit Long Range Plan (Mid-year) (Staff on 1/15/15)
   11. Update Water and Sewer Franchises (Staff on 1/15/15)
   12. New Seattle Public Utilities Franchise (Staff on 1/15/15)
   13. New Telecom Franchise (Staff on 1/15/15)

2016 FUTURE AGENDA ITEMS (identified by Staff)

   1. 2015 – 2016 Permit Tracking System Modification/Replacement (Including Electronic Permit Integration) (Staff on 1/9/15)
   2. Late 2015 – 2016 Title 17 Subdivision Code Major Revision (Staff on 1/9/15)
   3. Late 2015 – 2016 Adoption of 2015 International Building Code and Property Maintenance Code Amendments (Staff on 1/9/15)
   4. Late 2015 – 2016 Downtown Center Planning Effort (Consolidation of Downtown Vision, Policies and Actions with Outside Planning Assistance, incorporating issues such as Hotel/Entertainment/Arts District, Parking, Traffic Flow and Street Network, Pedestrian Way Finding, Sidewalk Art and Park Space with Participation by all City Departments, Downtown focused Organizations and Businesses) (Staff on 1/9/15)