



CITY OF BLACK DIAMOND
October 16, 2008 Workstudy Agenda
25510 Lawson St., Black Diamond, Washington

6:00 P.M. – CALL TO ORDER, FLAG SALUTE, ROLL CALL

1.) Updated Sensitive Area Ordinance

Mr. Nix

ADJOURNMENT:

Yarrow Bay comments on the City of Black Diamond's Draft Sensitive Areas Ordinance 10/09/08 (Staff's only addition in order to properly identify this document) ACN.

Section 19.10.050 D "Restoration and compensation of adverse impacts..."

Recommend deletion of this section. It requires that an applicant first demonstrate their inability to avoid or reduce impacts before restoration and compensation of adverse impacts will be allowed. It is always possible to avoid or reduce the impacts by not proceeding with the proposed development; therefore, an impossible test if development were to occur. The preceding Section "C" does a good job outlining the mitigation sequencing, which should be sufficient.

Section 19.10.120.C "Sensitive Areas Jurisdiction Decision"

The City requires a "Sensitive Areas Jurisdiction Decision" before permit processing occurs. We recommend allowing an applicant to request review of and the Director's decision regarding delineation and categorization of critical areas (a "Sensitive Areas Determination"). Such decision should be a final decision that the applicant can appeal to the City Council. This process would allow the applicant to move forward with the planning/application process with greater certainty and would reduce the risk of critical area related appeals later in the process.

Recommend amendment to add a new subsection:

"The Sensitive Areas Determination shall be a Type ___ final decision of the City Administrator or his/her designee, subject to appeal under _____."

Section 19.10.140.C "Mitigation Plan"

The level of detail required may not be available to the applicant at the time this report is required (i.e. final grade elevations). Can this section be amended to allow the applicant to prepare a preliminary mitigation plan followed by a final plan when construction drawings are complete?

Section 19.10.150.A.3 "Notice on Title"

This section requires a notice on title that gives a "right of the public, and specifically the City of Black Diamond, to enforce the terms of the restriction through civil infraction and other legal address." Recommend amending it to read "right of the public exercised through the City of Black Diamond."
"

Section 19.10.160 C “If slopes adjacent to the buffer for wetlands or water bodies exceed 15 percent...a swale...shall be installed outside the edge of the buffer.”

Recommend adding “if deemed necessary by the responsible official through the evaluation of final engineering plans.” This swale may need to be a tightline conveyance system or, in some cases, it may interfere with the necessary process if introducing water back into the wetlands. It may also be difficult in some areas where roadways and other public facilities are close to the buffers, and the road surface water is already being picked up and routed to appropriate stormwater facilities.

Section 19.10.160 D “The following facilities and uses are allowed in the building setback.”

Recommend adding utilities, fencing and walls to those uses permitted in the building setback area.

Section 19.10.210 B(1) “Core wetland and stream complex”

This section defines the location of the Core Complex. Specific to the Village property, it noted Black Diamond Lake and Black Diamond Creek. However, the referenced Attachment “A” extends the Core Complex area beyond Black Diamond Creek to the southwest. This might be OK if, in fact, the last part of the paragraph states that the actual boundaries will be field verified. There is some concern regarding this, however, because the consultant had field-verified information when developing Attachment “A.”

Section 19.10.220 A(3.) “The harvesting of wild crops...”

Recommend adding community gardens, which will implement organic farming techniques.

Section 19.10.220 B(3.) “Trails may be permitted within a Category II, III, or IV wetlands or in their buffers and may be permitted only within the buffer of a Category I wetland, the buffer of a wetland in the Core Complex or the buffer of a headwaters Wetland...”

Recommend allowing trails to also cross both Category I and Core Complex wetlands on a case-by-case basis where it can be demonstrated through a critical area study that the trail will not have a significant adverse impact on the wetland. Without this provision, it would be virtually impossible to connect The Villages to downtown via a trail network.

Section 19.10.220 C (should be # 4 but indicate #2) “Public and private roadways and railroad facilities...”

Recommend adding trails to this section as permitted in wetlands and wetland buffers. Trails seem less intrusive than roads and railways.

Section 19.10.220 C (should be #5 but indicates #3) “Stormwater conveyance or discharge facilities...”

Recommend adding a provision to permit constructed “stormwater wetland” that appear and function like a natural wetland feature.

Section 19.10.220 D (1) “Lots in subdivisions shall be oriented whenever feasible to provide a rear yard of at least 20 feet between buffer area and buildings.”

Recommend changing 20 feet to 10 feet to match the 10-foot setback off of buffer requirement as described in 19.10.160 “Building Setbacks.”

Section 19.10.220 D (2) “Fencing shall be provided at the perimeter of residential development to limit domestic animal entry into wetlands and buffer areas.”

Fencing to protect against animal intrusion implies a solid facility, likely 6 feet in height. Fencing becomes a significant maintenance issue for individual property owners and typically provides a convenient location for residents to toss landscape trimmings, grass cuttings and animal waste on the other side. The typical fencing requirement for sensitive area tracts is a two-rail fence. This will not prevent domestic animals from entering the sensitive area tracts, but will allow wildlife to pass back and forth and will reduce the “out-of-site/out-of-mind” mentality for trash and yard debris. In addition, a 6-foot high solid board fence will do little with regard to the primary introduced predator of native wildlife species, domestic cats.

Further, CTED advocates for corridors to provide recreational opportunities and linkages in urban areas and, whenever possible, urban parks and open spaces to be linked to form functional corridors that can be joined to outlying habitat patches (CTED Critical Areas Assistance Handbook, Nov. 2003). Fences would prohibit such connectivity.

Recommend a requirement for wetland buffer signage and permit fencing, but not as a requirement.

Section 19.10.220 D (3) “Activities that generate noise shall be located as far from the wetland and buffer as feasible...or separated by noise attenuating walls...”

This would require a significant portion of the roadways within The Villages and portions of Lawson Hills to be lined with noise attenuating walls. These walls would not be in character with the vision of Black Diamond's natural beauty.

Further, habitat fragmentation caused by development is generally the primary impact associated with an increased human presence. Increasing the level of fragmentation by establishing non-passable wildlife barrier/noise attenuation walls seems defeatist at best. While not ideal, macro fauna such as Elk will utilize the wetlands, buffers, and adjacent development areas for movement corridors. These barriers will confine the elk to smaller island habitats and possibly disrupt use of their travel corridors. In addition, the buffers established under "Best Available Science" take into consideration impacts from changes in land use; therefore, by meeting the buffer recommendations, necessary protection is provided without requiring additional protective measures.

Section 19.10.220 D (4) "Light penetrating into buffer areas and wetlands shall be limited by locating areas requiring exterior lighting away from the wetland boundary..."

Again, the buffers established under "Best Available Science" (BAS) take into consideration impacts from changes in land use. Therefore, by meeting the buffer recommendations, the necessary protection is provided without requiring additional protective measures. Washington State Department of Ecology Publication #05-06-008, Appendix 8 C-8, provides specific guidance on when the BAS established buffer can be reduced (for wetlands with habitat scores of less than 20). Their example for lighting is to direct the lights away from the wetland. Nowhere within their guidance document do they discuss providing an additional buffer for lighting beyond the required buffer. This is in effect providing a buffer to a buffer.

Further, this entire section severely limits development. It would disallow virtually all development on Parcels A and B (the commercial property where parking lots must be lit and buildings must have at least limited security lighting at night). This would preclude any street lights in the city being constructed within 100 feet of a wetland buffer. This would also significantly limit all other development adjacent to the Core Complex by requiring a 100-foot setback from the wetland buffer if the structure has a window facing the wetland which emits light in the evening hours. Recommend elimination of this entire section.

Section 19.10.220 D(5e) "To prevent channelized flow from lawns and other landscaped areas..."

This section is similar to Section 19.10.160 C referenced on the previous page. Recommend adding "if deemed necessary by the responsible official through the evaluation of final engineering plans." This swale may need to be a tightline conveyance system or, in some cases, it may interfere with the necessary

process if introducing water back into the wetlands. It may also be difficult in some areas where roadways and other public facilities are close to the buffers, and the road surface water is already being picked up and routed to appropriate stormwater facilities.

Section 19.10.230 C “Other wetlands, standard buffer widths”

In the table, under the heading “Buffer Width (feet)”, the words “after transfer” should be eliminated.

Recommend modifying the buffer widths to 150 feet for a Category I wetland; 100 feet for a Category II wetland; 50 feet for a Category III wetland; and 35 feet for a Category IV wetland. This recommendation is based on excerpts from the City of Black Diamond Best Available Science Review and Recommendations and DOE guidance.

Buffers serve two primary functions: (i) water quality; and (ii) wildlife habitat. The Core Complex provides sufficient wildlife habitat in the Villages area. Therefore, the primary purpose of the wetland buffers throughout the remaining portion of the city is to protect water quality. Recommended buffers are consistent with DOE’s guidance regarding water quality functions.

DOE best available science guidance tells us that buffer distances necessary for the removal of dissolved nutrients (eg phosphorus) are variable ranging from 16 to 131 feet (DOE 2005). Studies have shown that removal of nearly 90% of sediment occurs in buffers under 50 feet in size (Desbonnet et al 1994).

The additional buffer width suggested in the City’s draft SAO is beyond the range suggested in the DOE Guidance and is not necessary for a water quality function. Again, the Core Complex will provide substantial habitat and buffer for wildlife, therefore, a reduction in the buffer widths as proposed above are appropriate.

Section 19.10.230 D (1.) “Maintaining adequate cover of native vegetation including trees and understory...”

This section requires an existing tree cover relative density of at least 20, but does not define what 20 means. It also requires plantings of seedlings of 300 stems per acre if the 20 density is not met. This is requiring planting even if the wetland or its buffer is not disturbed. This is very untypical and lacks necessary nexus to the development action and seems to broaden the duty of local government to “protect” critical areas. Protection requires preservation of functions and values by preventing adverse impacts or, at the very minimum, mitigation of adverse impacts. This section 19.10.230D(1) would impose the duty to not only protect but to improve. Recommend deletion of this section.

Section 19.10.230 D (2.) “Provide a dense screen of native evergreens at the perimeter of the buffer. Clearing of existing second growth forest generally results in trees with little canopy at or near the ground level.

This appears to be a requirement even if the buffer is not being disturbed. How far away from the buffer is necessary for this to not apply? If the buffer is not being disturbed, why change the complexity of the natural buffer system? Once again, this seems to broaden the duty of local government to “protect” critical areas. Protection requires preservation of functions and values by preventing adverse impacts or, at the very minimum, mitigation of adverse impacts. Section 19.10.230D(1) would impose the duty to not only protect but to improve. Recommend deletion of this section.

Section 19.10.230 D (2a,b,c)

These sections discuss the necessary plantings of wetland buffers. Again, if the buffers are not being disturbed, how is there appropriate nexus to require plantings? The reference also assumes the wetlands are fully contained on one parcel. Most wetlands extend off site and it is generally very difficult to obtain permission to work on neighboring landowner property, yet the requirement is to plant the “perimeter of the buffer.” This is just not possible in most cases throughout the city. Recommend a requirement for a Vegetation Management Plan where areas of a wetland buffer are disturbed as a result of development activity.

Section 19.10.230 E “Increased wetland buffer widths”

Recommend renaming this section to “Modifications to wetland buffer widths” and discuss how increases and decreases to wetland buffers may be necessary and/or permitted through the evaluation of a critical area study.

Section 19.10.230 F(2c) “No transfer of buffer area may take place of adjacent land use is commercial, industrial, multi-family in excess of 6 dwelling units per acre, and/or a height of 30 feet...”

This would preclude most of the MPD’s from implementing any buffer transfer. Recommend deleting Section “c.”

Section 19.10.230 F(2ci) “Solid wood or masonry fencing at least six feet in height shall be provided on the perimeter of the buffer to limit noise and light...”

This section would require solid fencing if buffer transfer were implemented. This not in character with the city of Black Diamond nor the vision for the MPD’s and it would preclude connectivity that allows wildlife travel. This provision appears to

be based on the notion that the buffer is not serving its intended functions (which includes protecting from noise and light). This should not be a uniform requirement; it should not be required unless it is proven that the buffer is inadequate.

Section 19.10.230 F(2ciii) “No impervious surfaces, parking areas of vehicle access facilities may be located within 40 feet of the buffer”

This is a very onerous requirement for an additional 40-foot setback. It actually results in a larger buffer than if transfer of buffer was not used.

Section 19.10.230 F(2civ) “No discharge of surface water from adjacent development may take place into the resource buffer...”

To maintain wetland hydrology, it is often necessary to maintain surface water discharge to a wetland from a development area. Clean water from roof tops and other non polluted areas are frequently used to recharge wetlands. If surface water is not available, wetland hydrology may need to be maintained using domestic water supply, which is contrary to water conservation.

Section 19.10.230 F(2d) “All standards for vegetation management in Section 19.10.230D shall be complied with in addition:”

Sections i and ii following, requires additional planting in a wetland buffer that is not being disturbed. Similar to comments earlier in this analysis, it does not define what a plant density of 20 is and the requirement seems to lack nexus.

Section 19.10.230 F(2e) “The building setback between the buffer of a Category I, II or III wetland and any structure...shall be no less than 40 feet from the edge of the wetland buffer...”

The requirement of an additional 40-foot and/or 30-foot buffer discourages the implementation of buffer transfer, as it imposes a net larger setback than prior to the transfer.

Section 19.10.230 G (4) “Buffer averaging may not be approved when buffer transfer is approved in accordance with subsection”

This is written vaguely. Does this requirement pertain to individual wetland buffers or complete sites? Recommend adding text implying that “if buffer transfer is applied to a wetland buffer, further buffer averaging is not allowed on that individual buffer.

Section 19.10.235 B “Wetland and associated buffers of less than one thousand (1,000) square feet...”

Given the proposed buffers, it is impossible to have a wetland and associated buffer of less than 1,000 square feet. A one-square-foot wetland would have a minimum wetland and buffer of 5,041 square feet (71' X 71'). Is the intent to just indicate wetlands of less than 1,000 square feet?

Section 19.10.235 D(3) “Wetlands that achieve a score of at least 20 points in the habitat Functions criteria of the Wetland Rating Form...”

This section appears to require small isolated wetlands to be connected to each other with a wildlife buffer sufficient to allow movement of terrestrial wildlife to and from the wetland complex without interruption by roads, paved areas and buildings within 50 feet. This is an impossible standard to meet if any development were to occur in the city. If each isolated wetland within the city's undeveloped properties needed to be connected, there would be such a broad range of open space corridors that could not be crossed with roads, paved areas or buildings that nothing could be constructed. Recommend eliminating this standard in recognition of the Core Complex that provides for substantial habitat movement through significant portions of the city.

Section 19.10.240 B(2) “Where feasible, restored or created wetlands shall be a higher category than altered wetlands”

Recommend changing the wording to “where feasible, restored or created wetlands shall have a higher *function and value* than altered wetlands.” Otherwise, the proposed standard would require larger buffers on the restored or created wetland areas than those areas altered by requiring the new wetland to be a higher category.

19.10.325 D (Should be G) “Vegetation Management”

This section again references the vegetation management that appears to be required even for those buffers that are not being altered by the proposed development. Recommend only applying this section to altered buffers.

19.10.325 G 4 (Should be J4) Habitat Buffer Averaging “Buffer averaging may not be approved when buffer transfer is approved in accordance with subsection F....”

This is written vaguely. Does this requirement pertain to individual stream buffers or complete sites? Recommend adding text implying that “if buffer transfer is applied to a stream buffer, further buffer averaging is not allowed on that individual buffer.”

Section 19.10.330 A(2) “The harvesting of wild crops...”

Recommend adding community gardens, which will implement organic farming techniques.

Section 19.10.330 C(2b – Should be 4b) “The crossing minimizes interruption of the natural processes ...”

This section suggests bridges are preferred and required to cross the Core Complex. Recommend adding a provision to allow arched culvert if shown to provide less or similar impact to the natural process.

Section 19.10.330 C (3 – should be 5) “Storm water conveyance or discharge facilities such as infiltration systems...”

Recommend adding a provision to permit constructed “stormwater wetlands” that appear and function like a natural wetland feature.

Section 19.10.335 C “Wildlife Corridors.”

Within the table, under the Black Diamond Lake/Black Diamond Creek to the Southeast, the first bullet point suggests a 450-foot buffer extension to the southeast boundary of the UGA. It is likely that this intended to indicate the southwest boundary. Also, the field data does not suggest the Core Complex would extend all the way to the southwest and, therefore, the 450-foot wide buffer should only apply to the Core Complex.

19.10.405 A(2f) “Any area with a slope of forty percent (40%) or steeper and with vertical relief of ten (10) or more feet...”

Recommend vertical relief of 20 feet. A 10- foot rise area is very difficult to identify and quantify. Most jurisdictions have recognized this and apply a 20-foot relief.

Somewhere in this section there should be a provision permitting the elimination of the hazard through earthwork or building practices. If you are able to grade out a slope or place a structure against the slope to eliminate the potential safety hazard, it should be permitted.



CITY OF BLACK DIAMOND

Interoffice Memorandum

TO: MAYOR AND COUNCIL MEMBERS
FROM: AARON NIX, NATURAL RESOURCES DIRECTOR
SUBJECT: UPDATED SENSITIVE AREA ORDINANCE DISCUSSION
DATE: 10/15/2008

Honorable Mayor and Council Members,

As a preparatory to the Sensitive Areas Ordinance Open House scheduled for October 21, 2008 from 6:00 – 7:30 pm at Black Diamond Elementary, I thought that it would be appropriate to review the SAO one last time. After receiving some comments from several interested parties and having a chance to review the document in more detail, I have some minor changes that I've highlighted in the attached document for your review and discussion. My hope is that these changes allow the document to read better and make things clearer as it pertains to the protection of our natural resources. Thanks for the opportunity and I look forward to our meeting on Thursday.

Aaron C. Nix
Natural Resources Director
X220

ORDINANCE NO. 08-_____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, KING COUNTY WASHINGTON, ADOPTING A NEW SENSITIVE AREAS ORDINANCE AND ADDING A NEW CHAPTER 19.10 TO THE BLACK DIAMOND MUNICIPAL CODE AND AMENDING SECTION 19.12.040 AND THE TITLE TO CHAPTER 19.12 OF THE BLACK DIAMOND MUNICIPAL CODE

WHEREAS, the Growth Management Act requires cities and counties planning under it to periodically review, and, if needed, revise their sensitive areas ordinances to ensure compliance with the Growth Management Act; and

WHEREAS, RCW 36.70A.172 requires local governments to include the “best available science” in preparing policies and regulations to protect the functions and values of critical areas, giving special consideration to the conservation and protection measures necessary to preserve or enhance anadromous fisheries; and

WHEREAS, the last major updates to the City’s sensitive areas regulations occurred in 1993; and

WHEREAS, the Planning Commission reviewed the proposed sensitive areas ordinance at a public meeting on _____, and recommended that the City Council adopt the ordinance; and

WHEREAS, the City Council held duly notice public hearings on the proposed sensitive areas ordinance on October 4, 2007, February ____, 2008; and October ____, 2008;

WHEREAS, a Determination of Non-Significance was issued pursuant to the State Environmental Policy Act on _____ by the City’s Responsible Official, and

WHEREAS, on _____, the City submitted the proposed sensitive areas ordinance to Washington State Department of Trade and Community Development for review pursuant to RCW 36.70A.106; and

WHEREAS, RCW 36.70A.560 prohibits counties and cities, for the period beginning May 1, 2007, and concluding July 1, 2010, from amending or adopt sensitive area ordinances as they specifically apply to agricultural activities, as defined therein; therefore agricultural activities shall be exempt from this sensitive areas ordinance and the provisions of BMC Chapter 19.12 in effect prior to this amendment shall remain in full force and effect as to agricultural activities only; and

WHEREAS, the proposed sensitive areas ordinance is based on analysis of ecosystem functions and values in the City, Urban Growth Area and surrounding areas that documents that the “core” complex of wetlands along Rock Creek, Jones Lake, Jones Creek, Black Diamond Lake and Black Diamond Creek is an area of intensive processes that contributes disproportionate positive values to critical area functions and water quality in Lake Sawyer and therefore warrants a high level of protection and conservation, and

WHEREAS, the proposed sensitive areas ordinance provides for protection of sensitive areas in a manner that assures protection of the ecological functions and values of sensitive areas and provides special consideration to the preservation and conservation measures necessary to preserve and enhance anadromous fisheries, while appropriately balancing other goals of the Growth Management Act as provided in RCW 36.70A.020; NOW THEREFORE,

THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, KING COUNTY, WASHINGTON, ORDAINS AS FOLLOWS:

SECTION 1. The City Council adopts the Findings of Fact attached thereto as Exhibit A with each page being initialed and dated by the Mayor, and incorporated herein by reference.

SECTION 2. A new Chapter 19.10 of the Black Diamond Municipal Code, titled “Sensitive Areas” is added to read as follows:

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Chapter 19.10
SENSITIVE AREAS

Section:

- 19.10.005** **General provisions**
- 19.10.010** **Purpose**
- 19.10.020** **Applicability and Jurisdiction**
- 19.10.030** **Relationship to other Regulations**
- 19.10.050** **Mitigation**
- 19.10.060** **Allowed Activities**
- 19.10.080** **Exceptions**
- 19.10.100** **Sensitive Area Determination and Reports**
- 19.10.110** **Sensitive Area Pre-Application Meeting**
- 19.10.120** **Sensitive Area Permit Review**
- 19.10.130** **Sensitive Area Reports**
- 19.10.140** **Mitigation Plans**
- 19.10.150** **Notice on Title**
- 19.10.160** **Building Setbacks**
- 19.10.170** **Non-conforming Development**
- 19.10.180** **Administration**
- 19.10.190** **Appeals**

- 19.10.200** **Wetlands**
- 19.10.210** **Designation, rating and mapping wetlands**
- 19.10.220** **Use and activities allowed in wetlands**
- 19.10.230** **Wetland Buffers**
- 19.10.235** **Provisions for Small Isolated Wetlands**
- 19.10.240** **Mitigation Requirements**
- 19.10.250** **Wetland Mitigation Plan**
- 19.10.260** **Wetland Mitigation Monitoring**

- 19.10.300** **Fish and Wildlife Conservation Areas**
- 19.10.310** **Designation and Mapping**
- 19.10.320** **Designation Fish and wildlife habitat conservation areas
– Water bodies**
- 19.10.325** **Fish and wildlife habitat conservation areas – Water
bodies – Buffers**

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- 19.10.327 Anadromous Fish
- 19.10.328 Culvert Replacement
- 19.10.330 Activities allowed in waterbodies and habitat buffers
- 19.10.335 Other Than Fish and Wildlife Habitat Conservation Areas
- 19.10.337 Fish and Wildlife Habitat Conservation Areas - Review and Reporting Requirements
- 19.10.340 Mitigation Requirements

- 19.10.400 Geologically Hazardous Areas
- 19.10.405 Designation and mapping
- 19.10.410 Development Standards – Landslide Hazard Areas
- 19.10.415 Landslide Hazard Review and Reporting Requirements
- 19.10.420 Development Standards – Erosion Hazard Areas:
- 19.10.425 Erosion Hazard Areas Review and Reporting Requirements
- 19.10.430 Mine Hazard Areas
- 19.10.435 Mine Hazard Review and Reporting Requirements
- 19.10.440 Seismic Hazard Areas
- 19.10.445 Seismic Hazard Review and Reporting Requirements
- 19.10.500 Critical Aquifer Recharge Areas

- 19.10.600 Definitions

19.10.005 General Provisions

BMC 19.10.005 to BMC 19.10.190 are general provisions pertaining to sensitive areas.

19.10.010 Purpose

This chapter has been enacted for the following purposes:

- A. To designate and classify sensitive areas and their ecosystems and to protect these areas and their functions and values using the best available science, giving special consideration to conservation or protection measures necessary to preserve or enhance anadromous fisheries, while recognizing and allowing for reasonable use of private property;
- B. To limit development and alteration of sensitive areas to achieve the goal of no net loss of sensitive areas or their functions and values;
- C. To protect members of the public and public resources and facilities from public health or safety concerns, including injury, loss of life, or property

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damage due to events such as landslides and steep slope failures, erosion, seismic events, and mine hazards;

- D. To provide for compatible land use on or adjacent to sensitive areas and direct activities not compatible with sensitive areas resources to less ecologically sensitive sites and mitigate unavoidable adverse impacts to sensitive areas by regulating alterations in and adjacent to sensitive areas; and
- E. To prevent cumulative adverse environmental impacts to sensitive areas resulting from many individual actions.
- F. To place the highest level of protection on what has been identified the “Core” and “Headwater Areas”.

19.10.020 Applicability and Jurisdiction

- A. This chapter shall apply to all uses, activities, and developments undertaken within or adjacent to one or more sensitive areas and their ecosystems, including buffers as designated herein. Sensitive areas designated and regulated by this chapter include:
 - 1. Wetlands;
 - 2. Fish and wildlife conservation areas;
 - 3. Geologically hazardous areas.
 - 4. Critical aquifer recharge areas, and
 - 5. Frequently flooded areas
- B. The jurisdiction of this chapter includes all development that may have adverse impacts on sensitive areas within the city and their buffers.
 - 1. An inventory of designated sensitive areas is maintained by the City and has been mapped on the Black Diamond Sensitive Areas Maps, as amended or supplemented. Those maps are resources for the identification of the probable location, extent and classification of sensitive areas. Such information may be used by the city administrator and/or his/her designee as a basis for applying the provisions of this code, including requiring field investigation and special reports. In the event of a conflict between information contained in the Sensitive Areas Maps and information relating to the criteria by which Sensitive Areas are defined, including information resulting from a field investigation, the latter shall prevail. Preparation and maintenance of such documents and maps shall not create liability on the part of the City of Black Diamond or any officer or employee thereof for any damages that result from reliance on said maps.
 - 2. Any area within the city meeting the definition of one or more

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sensitive area, regardless of any formal mapping, identification or delineation, are hereby designated as sensitive areas and are subject to the provisions of this chapter.

19.10.030 Relationship to other Regulations

- A. These sensitive areas regulations shall apply as an overlay and in addition to zoning and other regulations adopted by the city.
- B. Any sensitive area or buffer subject to another type of sensitive area shall be provided the buffer and meet the requirements that provide the most protection to the sensitive areas involved. When any provision of this chapter or any existing regulation, easement, covenant, or deed restriction conflicts with this chapter, that which provides more protection to the sensitive areas shall apply.
- C. These sensitive areas regulations shall be applied concurrently with review required under other city codes for development and use and the State Environmental Policy Act (SEPA), and any conditions required pursuant to this chapter shall be included in the review of development or use permits, including SEPA review and threshold determination. If no other permits are required, a separate Sensitive Areas Permit is provided for in Section 19.10.120.B.3.

19.10.050 Mitigation

- A. **Project Action.** Any project action taken pursuant to this chapter shall be mitigated and result in equivalent or greater functions and values of the sensitive areas associated with the proposed action.
- B. **Proposed Action.** The design and development of a proposed action under this chapter must give special consideration to conservation or protection measures necessary to preserve or enhance anadromous fish, such as salmon, and their habitat.
- C. **Mitigation sequencing.** All proposed actions and developments shall be designed to avoid, minimize, and/or restore all identified adverse impacts in the following order of preference:
 - 1. Avoiding the impact altogether by not taking a certain action or parts of an action;
 - 2. Minimizing adverse impacts by limiting the degree or magnitude of the action and its implementation, by using appropriate technology, or by taking affirmative steps, such as project redesign, relocation, or timing, to avoid or reduce impacts;
 - 3. Rectifying the impact by repairing, rehabilitating, or restoring the affected environment
 - 4. Minimizing or eliminating a hazard by restoring or stabilizing the

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- hazard area through engineered or other methods;
- 5. Reducing or eliminating the impact or hazard over time by preservation and maintenance operations during the life of the action;
- 6. Compensating for the impact to by replacing, enhancing, or providing substitute resources or environments; and
- 7. Monitoring the impact and the required mitigation and taking corrective measures action when necessary.

19.10.060 Allowed activities.

The following activities are allowed under this chapter: The level of review shall be determined by the city administrator and/or his/her designee and shall include (1) existing and compatible activities, (2) emergency actions, (3) activities requiring notification or (4) a full permit review through existing permits or the sensitive area review permit or the exception process. The allowed activities under each review process include:

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 Applicants must first demonstrate an inability to avoid or reduce impacts, before restoration and compensation of adverse impacts will be allowed.¶

A. **Existing and Compatible Activities:** The continuation of existing use and activities does not require prior review or approval. Review of expansion of existing use associated with new facilities shall be reviewed in accordance with non-conforming provisions in 19.10.170. Such activities include, but are not limited to:

- 1. **Operation, maintenance, or repair.** Operation, maintenance, or repair of existing legally established structures, infrastructure improvements, utilities, public or private roads, or drainage systems, that do not require construction permits, if the activity does not modify the character, scope, or size of the original structure or facility or increase the impact to, or encroach further within, the sensitive area or buffer and there is no increased risk to life or property as a result of the proposed operation, maintenance, or repair. Operation and maintenance includes vegetation management performed in accordance with best management practices that is part of ongoing maintenance of structures, infrastructure, or utilities, provided that such management actions are part of regular and ongoing maintenance, do not expand further into the sensitive area, are not the result of an expansion of the structure or utility, and do not directly impact an endangered or threatened species;
- 2. **Vegetation Management.** The following vegetation removal activities are allowed using hand labor and light equipment,
 - a. The removal of non-native or noxious and invasive weeds; and

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- b. Maintenance of existing, lawfully established landscaping and gardens within a regulated sensitive area or its buffer, including but not limited to, mowing lawns, weeding, removal of noxious and invasive species, harvesting and replanting of garden crops, pruning and planting of ornamental vegetation or indigenous native species to maintain the condition and appearance of such areas as they existed prior to adoption of this code, provided that native growth protection areas, mitigation sites, or other areas protected via conservation easements or similar restrictive covenants are not covered by this exception.
- 3. **Outdoor activities.** Recreation, education, and scientific research activities that do not degrade the sensitive area, including such things as fishing, hiking, and bird watching.
- 4. **Forest Practices.** These practices are governed by a valid Forest Practices Permit granted by the Washington State Department of Natural Resources, except where:
 - a. The lands have been or are proposed to be converted under a conversion option harvest plan to a use other than commercial forest product production as provided in chapter RCW 76.09.050 and RCW 76.09.240, or
 - b. On lands which have been platted after January 1, 1960, as provided in RCW 76.09.050 and RCW 76.09.240.
- 5. **Agricultural activities.** Agricultural activities shall be subject to the provisions Chapter 19.12 of the Black Diamond Municipal Code. in effect prior to this amendment until July 1, 2010, pursuant to RCW 36.70A.560.
- 6. **Boundary markers.** Construction or modification of boundary markers.

B. **Emergencies.** Those activities necessary to prevent an immediate threat to public health, safety, or welfare, or that pose an immediate risk of damage to public or private property and that require remedial or preventative action in a time frame too short to allow for compliance with the requirements of this chapter may be undertaken without prior notification. The city administrator and/or his/her designee shall be provided notification of action taken within two working days after work is initiated, except for city-wide or regional disasters. Mitigation for alteration of sensitive areas may be required and may require subsequent preparation of a sensitive areas report and appropriate permits for

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restoration. in accordance with the review procedures contained herein. Restoration and/or mitigation activities must be initiated within ninety (90) days of the date of the emergency, and completed in a timely manner;

C. **Actions Subject to Notification and Approval.** The following actions that can be planned and programmed in advance require written notification to the city administrator and/or his/her designee. If the administrator does not respond within ten (10) days of notification, the activity is deemed approved. The notification must be in a format specified by the administrator to provide specific information describing the activity and the Best Management Practices proposed to minimize impacts on sensitive areas, as well as mitigation proposed. The administrator may deny or impose conditions on proposed activities, or specify that an alternative review process is required. Such activities include:

1. **Minor site investigative work.** Work necessary for land use submittals, such as surveys, soil logs, percolation tests, and other related activities, where such activities do not require construction of new roads or displacement of more than 5 cubic yards of material. Investigations involving displacement of more than 5 cubic yards of material, including geotechnical soil borings, groundwater monitoring wells, percolation tests, and similar activities shall require submittal of specific plans and restoration plans. In every case, impacts to the sensitive area shall be minimized and disturbed areas shall be immediately restored; and
2. **Minor utility projects.** Utility projects that have minor or short-duration impacts to sensitive areas, as determined by the city administrator and/or his/her designee in accordance with the criteria below, and which do not significantly impact the function or values of the sensitive area(s); provided, that such projects are constructed with best management practices and additional restoration measures are implemented. Minor activities shall not result in the transport of sediment or increased stormwater. Such allowed minor utility projects shall meet the following criteria:
 - a. There is no practical alternative to the proposed activity with less impact on sensitive areas;
 - b. The activity involves the placement of a utility pole, street signs, anchor, or vault or other small component of a utility facility; and
 - c. The activity involves disturbance of an area less than 75 square feet.

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3. **Activities within the improved right-of-way:** Replacement, modification, installation, or construction of new utility facilities, lines, pipes, mains, equipment, or appurtenances, not including substations, when such facilities are located within the improved portion of the public right-of-way or a city authorized private roadway (road surface, shoulder, sidewalks, and fill slopes not characterized by re-establishment of trees in excess of 4 inches in diameter); except, those activities that alter a wetland or watercourse, such as culverts or bridges, or result in the transport of sediment or increased stormwater. All activities are subject to the following:
 - a. Sensitive area and/or buffer widths shall be increased, where possible, equal to the area of disturbance; and,
 - b. Retention and replanting of native vegetation shall occur wherever possible along the right-of-way improvement and resulting disturbance

4. **Hazardous Tree Removal** The removal of trees from sensitive areas and buffers that are hazardous, posing a threat to public safety, or posing an imminent risk of damage to private property can be conducted in accordance with the BDMC 19.30. provided that:
 - a. All vegetation cut (tree stems, branches, etc.) shall be left within the sensitive area or buffer unless removal is warranted due to the potential for disease or pest transmittal to other healthy vegetation or due to the potential for a public safety hazard;
 - b. The landowner shall replace any trees that are removed with new trees in accordance with an approved restoration plan within at a ratio that will lead to re-establishment of ecological functions of water cycle, erosion control, shade and habitat. Replacement plantings generally will consist of replanting of the area within the drip line of the removed tree and include either one gallon containers at a minimum triangular spacing of 5 feet, five gallon containers at a minimum triangular spacing of 8 feet, or at a minimum a ratio of two replacement trees for each tree removed (2:1) of trees a minimum of one (1) inch in diameter-at-breast height (dbh) for deciduous trees and a minimum of six (6) feet in height for evergreen trees as measured from the top of the root ball. Restoration plantings must be installed within the next feasible growing season and in no case more than one

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(1) year from removal. A performance security may be required to assure implementation. Replacement trees shall be species that are native and indigenous to the site;

c. If a tree to be removed provides sensitive habitat, such as an eagle perch, a qualified wildlife biologist shall be consulted to determine timing and methods of removal that will minimize impacts. Compliance with state and federal requirements may be required, and;

5. Removal of vegetation or woody debris from a wildlife conservation area or wetland due to the potential for disease or pest transmittal to other healthy vegetation or due to the potential for a fire or other public safety hazard, or as a necessary part of an approved alteration;
6. Measures to control a fire or halt the spread of disease or damaging insects consistent with the state Forest Practices Act, Chapter 76.09 RCW, provided that the removed vegetation shall be replaced in-kind or with similar native species within one (1) year in accordance with an approved restoration plan.
7. Activities undertaken to comply with a United States Environmental Protection Agency superfund related order, or a Washington Department of Ecology order pursuant to the Model Toxics Control Act that specifically preempts local regulations in the findings of the order. Provided that an action that requires compliance with the purpose and intent of local regulations may require a submittal of sensitive area reports and may be processed as a sensitive areas permit.
8. Activities and facilities for restoration and enhancement of ecological functions of sensitive areas and related resources upon approval of a restoration and mitigation plan by all other relevant agencies in accordance with a watershed restoration project pursuant to RCW 89.08.460, a Salmonid Recovery Plan, or Salmon Recovery Board Habitat Project List, or identified by the Washington Department of Fish and Wildlife as essential for fish and wildlife habitat enhancement pursuant to RCW 77.55.290.

D. All actions that do not meet the criteria above must be approved in accordance with sensitive areas review integrated with other required permits or by a sensitive areas permit.

19.10.080 Exceptions

A. **Essential public facility.** If the application of this chapter would prohibit a development proposal by a public agency or public utility that is

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essential to providing a public service, or if the application of this chapter would deny all reasonable economic use of the subject property by the property owner, then the agency or utility or property owner may apply for an exception pursuant to this Section.

- B. **Exception request and review process.** An application for a public agency, public utility or reasonable use exception shall be made to the city and shall include a sensitive area identification form; sensitive area report, including mitigation plan, if necessary; and any other related project documents, such as permit applications to other agencies, special studies, and environmental documents. The city administrator and/or his/her designee shall prepare a recommendation to the Hearing Examiner, except for the provisions for a non-conforming single family lot as provided in Subsection E. below, based on review of the submitted information, a site inspection, and the proposal's ability to comply with the applicable public agency and utility exception review criteria in Subsection (D) below.
- C. **Hearing Examiner review.** The Hearing Examiner shall review the application, except for the provisions for a non-conforming single family lot as provided in Subsection E. below, consider the recommendation of the city administrator and/or his/her designee, and consider public testimony at a public hearing. The Hearing Examiner shall approve, approve with conditions, or deny the request based on the proposal's ability to comply with all of the applicable exception criteria in Subsection (D).
- D. **Exception review criteria.** The criteria for review and approval of a requested exception are as follows:
 - 1. Public agencies and public utilities exception:
 - a. There is no other practical alternative to the proposed development with less impact on the sensitive areas;
 - b. The application of this chapter would unreasonably restrict the ability to provide utility services to the public;
 - c. The proposal does not pose an unreasonable threat to the public health, safety, or welfare on or off the development proposal site;
 - d. The proposal attempts to protect and mitigate adverse impacts to the sensitive area functions and values; and
 - e. The proposal is consistent with other applicable regulations and standards.

- 2. Private property reasonable use exception:

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- a. The application of this chapter would deny all reasonable economic use of the property;
 - b. No other reasonable economic use of the property has less impact on the sensitive area;
 - c. The proposed impact to the sensitive area is the minimum necessary to allow for reasonable economic use of the property;
 - d. The inability of the applicant to derive reasonable economic use of the property is not the result of actions by the applicant after the effective date of this chapter, or its predecessor;
 - e. The proposal does not pose an unreasonable threat to the public health, safety, or welfare on or off the development proposal site;
 - f. The proposal will result in no net loss of sensitive area functions and values; and
 - g. The proposal is consistent with other applicable regulations and standards.
3. Reasonable Use Exception for Non-Conforming Single Family Lots
- a. A reasonable use exception may be approved administratively by the city administrator and/or his/her designee for non-conforming single family residential lots within a subdivision filed within five years previous to the adoption of provisions of this code that render them non-conforming in compliance with RCW 58.17.17, or other lots or parcels under contiguous ownership and less than 20,000 square feet in size that are not subject to landslide hazard areas and associated buffers, shall be subject to the following standards, in conformance with the provisions for a reasonable use exception in subsection (D)(2) (c) through (g) and in accordance with the following criteria:
 - b. Non-conforming lots with an area of 2,000 square feet or more available for a building area unrestricted by sensitive areas or buffers shall comply with the standards of this chapter. The building area means the entire area that will be disturbed to construct a structure containing an allowed use and normal appurtenances, including parking and landscaping.
 - c. Non-conforming lots that do not meet the requirement of subsection b. above shall provide the maximum setback and buffer dimension feasible while providing for a building

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envelope of at least 2,000 square feet on the lot. The building area shall generally be located on the portion of the lot farthest from the required sensitive area or buffer and/or the least sensitive portion of the lot.

- d. The area between the structure and the sensitive area shall be maintained or planted in native trees and understory vegetation.
- e. The city administrator and/or his/her designee shall approve, approve with conditions, or deny the request based on the proposal's ability to comply with all of the applicable exception criteria in Subsection (D)(2)(c) through (g).

19.10.100 Sensitive Area Determination and Reports

BMC 19.10.100 through BMC 19.10.140 pertain to sensitive areas determination and reports.

19.10.110 Sensitive Area Pre-Application Meeting

Any person preparing to submit an application for development or use of land that may be regulated by the provisions of this chapter is encouraged to conduct a consultation meeting with the city administrator and/or his/her designee prior to submitting an application for development or other approval. At this meeting, the administrator shall discuss the requirements of this chapter; provide sensitive area maps, scientific information, and other source materials maintained by the city; outline the review process; and work with the applicant to identify any potential concerns that might arise during the review process, as well as discussing the need for other permit approvals and their procedures.

19.10.120 Sensitive Area Permit Review

A. **Integration with Other Permits.** The approval or denial of an activity or modification within a sensitive area shall be integrated with the review required by any other permit. The decision shall be made by the decision-maker prescribed by the underlying permit, provided that the city administrator and/or his/her designee shall prepare a written analysis that may be in checklist form, for compliance with sensitive area standards and criteria. The review process will be integrated with the review of the underlying permit. Public notice is required only if required by the underlying permit.

B. **Separate Permit Review.** If no other permit or approval is required, or for approval of allowed uses listed in Section 19.10.060, or for review of sensitive areas jurisdiction as provided in C.1 below, the city administrator or his/her designee may approve a separate sensitive areas permit. Submittal requirements may be modified to address the specific proposal. Fees shall be in accordance with the city fee schedule. Review shall be

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administrative. If variation in standards for any sensitive area is proposed, public notice shall be provide as provided for a variance in the zoning code. Sensitive area reviews include:

1. **Emergencies.** Notification of emergency actions taken where there is imminent danger to persons of property requiring that action must take place within 48 hours do not require prior approval. Such notification shall describe work performed and sensitive areas and buffers disturbed. The city administrator and/or his/her designee may:
 - a. Administratively approve the emergency action taken with no further action required;
 - b. Administratively approve restoration activities that do not require other permits or approvals. A sensitive areas report and/or mitigation plan may be required.
 - c. Direct the applicant to apply for other required permits or approvals for required restoration activities.
2. **Actions Subject to Notification and Approval.** Actions that can be planned and programmed in advance, including repair or replacement of utility facilities that do not require other permits or approval shall be subject to notification and administrative review. The city administrator and/or his/her designee shall specify requirements for submittal requirements to address information required on the presence of sensitive areas, description of the activity proposed, and description of the BMPs proposed. The administrator may approve said work and impose conditions upon finding that no substantive impact on sensitive area functions and values will occur. Notification shall be submitted at least ten (10) full business days prior to initiating work. Approvals may be granted for up to one year per activity provided that there is no change in the scope of the project including, but not limited to, the location and/or extent of the activity allowed under the notification process.
3. **Sensitive Area Permit.** Projects that may have substantial impacts on sensitive area functions, but do not require other permits may be reviewed by the city administrator and/or his/her designee as a sensitive area permit subject to all submittal and review criteria and standards of this section. Jurisdiction determinations can be made for projects requiring other permits or approvals, however review of the proposal must take place in conjunction with other review required

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C. **Sensitive Areas Jurisdiction Decision.** At the time of, or prior to the city's consideration of any proposed activity, the applicant shall submit to the department a complete sensitive area determination [for the area of potential impact.](#)

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1. **Review.** Upon receipt of a project application and a sensitive area determination form, the city administrator and/or his/her designee shall review available sensitive area maps and data and conduct a site inspection to review sensitive area conditions on site if needed. The administrator and/or his designee make a determination as to whether any sensitive areas may be affected by the proposal and if a sensitive areas report will be required based on the following indicators:

- a. Indication of a sensitive area on the city sensitive areas maps that may be impacted by the proposed activity;
- b. Information and scientific opinions from appropriate agencies, including but not limited to the departments of Fish and Wildlife, Natural Resources, and Ecology;
- c. Documentation, from a scientific or other reasonable source, of the possible presence of a sensitive area; or
- d. A finding by a qualified professional or a reasonable belief by the city administrator and/or his/her designee that a sensitive area may exist on or adjacent to the site of the proposed activity.

2. **Determination decisions.**

a. **No sensitive areas present.** If, after a site visit, the analysis by the city administrator and/or his/her designee indicates that the project area is not within or adjacent to a sensitive area or buffer and that the proposed activity is unlikely to degrade the functions or values of a sensitive area, then the city administrator and/or his designee shall rule that the sensitive area review is complete and note on the determination form the reasons that no further review is required. A summary of this information shall be included in any staff report or decision on the underlying permit.

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b. **Sensitive areas present, but no impact – report waiver.** If the city administrator and/or his/her designee determines that there are sensitive areas within or adjacent to the project area, but that the proposed activity is outside of required buffer areas and is unlikely to degrade the functions or values of the sensitive area, the administrator may waive the requirement

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for a sensitive area report. A summary of this analysis and the findings shall be included in any staff report or decision on the underlying permit. A waiver may be granted if there is substantial evidence that all of the following requirements will be met:

- i. The boundaries and classification of the sensitive area and associated buffers can be reliably determined without a technical study, and there will be no alteration of the sensitive area or buffer;
 - ii. The development proposal will not adversely impact the sensitive area in a manner contrary to the purpose, intent, and requirements of this chapter; and
 - iii. The proposal is consistent with other applicable regulations and standards.
- c. **Sensitive areas may be affected by proposal.** If the city administrator and/or his/her designee determines that a sensitive area or areas may be adversely affected by the proposal, then the administrator shall notify the applicant that a sensitive areas report must be submitted prior to further review of the project, and indicate each of the sensitive area types that should be addressed in the report.

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d. Sensitive area jurisdiction decisions shall be final unless, previously, unknown information is brought to the attention of City staff.

19.10.130 Sensitive Area Reports

- A. **Preparation by qualified professional.** Sensitive area reports shall be prepared by a qualified professional(s) having expertise in the specific sensitive area category(s) that are the subject of the report.
- B. **Use of existing documents.** Unless otherwise provided and as approved by the city administrator and/or his designee, a sensitive area report may be supplemented by or composed, in whole or in part, of any reports or studies required under other laws and regulations or previously prepared for and applicable to the development proposal site.
- C. **Modifications to report requirements.**
 - 1. **Limitations to study area.** The required geographic area of the sensitive area report may be limited as appropriate if:
 - a. The applicant, with assistance from the city, cannot obtain permission to access properties adjacent to the project area;

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or

- b. The proposed activity will affect only a limited part of the subject site.
 - 2. **Modifications to required contents.** The applicant may consult with the city administrator and/or his/her designee prior to or during preparation of the sensitive area report to obtain city approval of modifications to the required contents of the report where, in the judgment of a qualified professional, more or less information is required to adequately address the potential adverse impacts and required mitigation.
 - 3. **Additional information requirements.** The city administrator and/or his/her designee may require additional information to be included in the sensitive area report if necessary for the city to adequately review the proposed activity in accordance with this chapter.
- D. **Minimum report contents.** At a minimum, the report shall contain the following information:
- 1. The name and contact information of the applicant, a description of the proposal, and identification of the permit requested;
 - 2. A copy of the site plan for the development proposal including:
 - a. A map to scale depicting sensitive areas and buffers, and any areas to be cleared;
 - b. Extent of the project area for the proposed activity;
 - c. Topographic elevations at two (2) foot intervals for the sensitive area and its buffer, and at five (5) foot intervals for the remainder of the project site;
 - d. Location of existing and proposed structures, and areas for storage of materials;
 - e. A description of the proposed stormwater management plan and facilities for the development and consideration of adverse impacts to drainage alterations.
 - 3. The dates, names, and qualifications of the persons preparing the report and documentation of any fieldwork performed on the site;
 - 4. Identification and characterization of all sensitive areas and buffers, water bodies, and floodplains within 300 feet of the proposed project area;
 - 5. Detailed description of vegetation in and adjacent to the project area and its associated buffer;

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6. A statement documenting sources of best available science and all assumptions made and relied upon;
 7. A description of reasonable efforts made to apply mitigation in the order of preference as stipulated in Section 19.10.050;
 8. If required, plans for adequate mitigation to offset any adverse impacts, in accordance with 19.10.140, and including, but not limited to:
 - a. The adverse impacts of any proposed development within or adjacent to a sensitive area or buffer on the sensitive area; and
 - b. The adverse impacts of any proposed alteration of a sensitive area or buffer on the development proposal, other properties and the environment.
 9. A discussion of the performance standards applicable to the sensitive area and proposed activity; and
 10. Proposed financial guarantees to ensure compliance.
- E. Additional information requirements for specific sensitive areas. In addition to the report requirements listed above in Section 19.10.130(D), the minimum information specific to each sensitive area category shall also be required.

F. The City maintains the authority to call for a third party, independent review, paid for by the applicant, if a disagreement exists in the content of the sensitive area report.

19.10.140 Mitigation Plans.

- A. **Requirements.** When mitigation is required, the applicant shall submit for approval by city a mitigation plan as part of the sensitive area report. The mitigation plan shall include:
1. A description of the anticipated adverse impacts to the sensitive areas and the mitigating actions proposed and the purposes of the compensation measures (if applicable), including the site selection criteria; identification of compensation goals; identification of resource functions; and dates for beginning and completion of site compensation construction activities. The goals and objectives shall be related to the functions and values of the impacted sensitive area;
 2. A review of the best available science supporting the proposed mitigation; and
 3. An analysis of the likelihood of success of the mitigation or compensation project.

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4. Specific information requirements and criteria are provided below for each sensitive area.

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B. **Plan criteria.** The mitigation plan shall include measurable specific criteria for evaluating whether or not the goals and objectives of the mitigation project have been successfully attained and whether or not the requirements of this chapter have been met.

C. **Plan specifications.** The mitigation plan shall include written specifications and descriptions of the mitigation proposed, such as (and if applicable):

1. Specific calculations of the area of impact and mitigation area utilized;

2. The proposed construction sequence, timing, and duration;

3. Grading and excavation details;

4. Erosion and sediment control features;

5. A planting plan specifying plant species, quantities, locations, size, spacing, and density; and

6. Measures to protect and maintain plants until established.

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These written specifications shall be accompanied by detailed site diagrams, scaled cross-sectional drawings, topographic maps showing slope percentage and final grade elevations, and any other drawings appropriate to show construction techniques or anticipated final outcome.

D. **Monitoring program.** The mitigation plan shall include a program for monitoring construction of the proposed mitigation or compensation project and for assessing the completed project. A protocol shall be included outlining the schedule for site monitoring (for example, monitoring shall occur in years 1, 3, 5, and 7 after site construction), and how the monitoring data will be evaluated to determine if the performance standards are being met. A monitoring report shall be submitted as needed to document milestones, successes, problems, and contingency actions of the project. The project shall be monitored for a period necessary to establish that performance standards have been met, but not for a period less than three (3) years. Specific more detailed information requirements and criteria are provided below for each sensitive area.

E. **Contingencies.** The mitigation plan shall include identification of potential courses of action, and any corrective measures to be taken if monitoring or evaluation indicates project performance standards are not being met.

F. **Financial guarantees.** The mitigation plan shall include proposed financial guarantees, if necessary, to ensure that the mitigation plan is

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fully implemented. Financial guarantees ensuring fulfillment of the compensation project, monitoring program, and any contingency measures shall be posted with the city at the time of the first grading, clearing, or construction permit in the amount as provided below

1. Performance Surety. The applicant shall post a cash performance bond, letter of credit, or other security acceptable to the city in the amount of one hundred and twenty five percent (125%) of the estimated cost of the uncompleted actions or the estimated cost of restoring the functions and values of the sensitive area that are at risk, whichever is greater. The surety shall be based on an itemized cost estimate of the mitigation activity including clearing and grading, plant materials, plant installation, irrigation, weed management, monitoring, and other costs. The conditions of the surety shall be consistent with the purposes of this chapter and the conditions to be fulfilled. In the event of a breach of any condition of any such bond, the city may institute an action in a court of competent jurisdiction upon such bond and prosecute the same to judgment and execution. The city shall release the bond upon determining that:
 - a. All activities, including any required compensatory mitigation, have been completed in compliance with the terms and conditions of the permit and the requirements of this chapter;
 - b. Upon the posting by the applicant of a maintenance surety.
2. Maintenance Surety. The city shall require the holder of a development permit issued pursuant to this chapter to post a cash performance bond, letter of credit, or other security acceptable to the city in an amount and with surety and conditions sufficient to guarantee that structures, improvements and mitigation required by the permit of by this Chapter perform satisfactorily, generally for a period of five (5) years after they have been completed. The city shall release the maintenance bond upon determining that performance standards established for evaluating the effectiveness and success of the structures, improvements and/or compensatory mitigation have been satisfactorily met for the required period. For compensation projects, the performance standards shall be those contained in the mitigation plan developed and approved during the permit review process. The maintenance bond applicable to a compensation project shall not be released until the city determines that performance standards established for evaluating the effect and success of the project have been met. The city administrator

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and/or his/her designee may return up to 25% of the surety following the first year of monitoring provided that the year 1 performance standards are met and the risk of subsequent failure is considered low.

- 3. Depletion, failure, or collection of surety funds shall not discharge the obligation of an applicant or violator to complete required mitigation, maintenance, or monitoring.
- 4. Public development proposals may be relieved from having to comply with the surety requirements of this section if public funds have been committed through a budget process with final approval for mitigation, maintenance, or monitoring.

G. Mitigation Banking. The City may approve mitigation banking as a form of compensatory mitigation for wetlands and fish and wildlife habitat conservation area impacts when the provisions of this chapter require mitigation and when it is clearly demonstrated that the use of a mitigation bank will provide equivalent or greater replacement of sensitive area functions and values when compared to conventional on-site mitigation, provided that all of the following criteria are met:

- 1. Mitigation banks shall only be used when they provide significant ecological benefits including long-term conservation of sensitive areas, important species, habitats and/or habitat linkages, and when they are consistent with the City’s Comprehensive Plan and create a viable alternative to the piecemeal mitigation for individual project impacts to achieve ecosystem-based conservation goals.
- 2. The mitigation bank shall be established in accordance with the Washington State Draft Mitigation Banking Rule WAC 173-700 or as revised, and RCW 90.84 and the federal mitigation banking guidelines as outlined in the Federal Register Volume 60, No 228, November 28, 1995. These guidelines establish the procedural and technical criteria that banks must meet to obtain state and federal certification.
- 3. Preference shall be given to mitigation banks that implement restoration actions that have been identified in an adopted Shoreline Restoration Plan, watershed planning document prepared and adopted pursuant to RCW 90.82, a Salmonid Recovery Plan or project that has been identified on the Salmon Recovery Board Habitat Project List or by the Washington Department of Fish and Wildlife as essential for fish and wildlife habitat enhancement.
- 4. Mitigation banks shall not be used for mitigation of impacts to wetlands and wildlife habitat areas within the Lake Sawyer watershed except in cases where the city administrator and/or

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his/her designee determine that mitigation is not feasible within the Lake Sawyer watershed.

19.10.150 Notice on Title

A. **Recording of restriction.** The owner of any property containing sensitive areas on which a development proposal is approved shall file with the city administrator and/or his/her designee and provide a copy of the filed notice to the city, unless notice is provided on a plat as provided in B, below. The notice shall:

1. State the presence of the sensitive area and/or buffer area on the property, and identify that there are limitations and restrictions on uses and actions in or affecting the sensitive area and/or buffer imposed by this code and by the provisions of the sensitive areas code and specific conditions of approval. The notice shall indicate that the restrictions run with the land and may be altered only in conjunction with amendment of this chapter or amendment of specific conditions of approval as provided by this chapter.
2. Provide that management of the sensitive area is required to include, but is not limited to, maintenance or replacement of vegetation to assure the long-term viability of a community of native vegetation, control of invasive plant control, and fulfillment of other conditions of approval.
3. Provide for the right of the public, and specifically the City of Black Diamond, to enforce the terms of the restrictions through civil infraction or other legal address.
4. If a site plan has been approved indicating the extent of the sensitive area and buffer and permit conditions, a copy of the site plan together with relevant survey information and permit conditions shall be included in the notice filed.

B. **Plats and Short Plats.** Restrictions on use and development of sensitive areas buffers and setback areas on plats and short plats shall include the information in A, above, shall designate the party responsible for maintenance of the sensitive area, if other than the property owner, and shall place sensitive areas in tracts or easements as provided below:

1. Designation of separate tracts for sensitive areas and buffers shall be the preferred method of designation and protection of sensitive areas in plats to provide for integrated management of the sensitive area and buffer separately from lots. The tract may be:
 - a. Held in an undivided interest by each owner of a building lot within the development, the ownership of which shall pass with the ownership of the lot. Responsibility for meeting all

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requirements of preservation and management shall be designated to an incorporated homeowner's association or other legal entity that assures the ownership and protection of the sensitive area.

b. Dedicated to the City of Black Diamond or other governmental entity qualified to own and manage open space.

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c. Conveyed to a non-profit land trust, provided the land may not be thereafter transferred to a private party, and provided that if the land trust is dissolved or otherwise fails to perform its functions, ownership and responsibility for management shall devolve to an undivided interest by each owner of a building lot within the development, as provided in a., above.

2. The city administrator and/or his/her designee may allow a sensitive area and buffer to be placed within a protective easement on a parcel with the responsibility for meeting all requirements of preservation and management placed on the owner of the parcel over which the easement is placed. This means of designation shall be used in cases where the size and the ecological functions of the sensitive area do not require coordinated management or where formation of an incorporated homeowner's association or other legal entity for management is found to be impractical because of the limited number of lots, or where ownership and management by the City, a qualified special district or a land trust is found to be impractical. This alternative generally will be limited to sensitive areas and buffers of less than 20,000 square feet and developments of fewer than ten (10) parcels, or non-residential or multi-family development.

C. This notice on title shall not be required for a development proposal by a public agency or public or private utility within a right-of-way or easement for which they do not have fee-simple title.

D. The applicant shall submit proof that the notice, dedication or easement has been filed for public record before the City shall approve any final plat or final site plan for such site. The notice shall run with the land and failure to provide such notice to any purchaser prior to transferring any interest in the property shall be a violation of this section.

19.10.160 Building Setbacks

A. Buildings and other structures shall be set back a sufficient distance to assure that disturbance to sensitive area vegetation and soils is avoided during construction, maintenance and use.

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B. Buildings and other structures shall be set back a distance of ten (10) feet from the edges of all sensitive area buffers or from the edges of all sensitive areas if no buffers are required, provided that the city administrator and/or his/her designee may modify the building setback based on specific development plans that document that construction techniques, maintenance needs and use will not disturb sensitive areas or buffer.

C. If slopes adjacent to the buffer for wetlands or water bodies exceed 15 percent, including slopes created by grading, a swale installed on the outside edge of the buffer or other engineered solution shall be installed sufficient to intercept surface water movement.

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D. The following facilities and uses are allowed in the building setback:

1. Landscaping, including rockeries not over 42 inches high provided construction does not alter the buffer or sensitive area;
2. Uncovered decks, platforms, porches and similar projections not over 42 inches high;
3. Building eaves, cornices, chimneys and similar projections;
4. Impervious surfaces such as driveways, parking lots, roads, and patios provided that such surfaces conform to applicable water quality standards and that construction equipment does not enter the buffer or sensitive area;
5. Clearing and grading consisting of not over 42 inches of cut or fill.
6. Fences, in accordance with local convents and other design standards.
7. Minor utilities

19.10.170 Non-conforming Development

The following provisions shall apply to lawfully established uses, buildings and/or structures that do not meet the specific standards of this Program.

A. Nonconforming uses shall be governed in accordance with the provisions of the zoning code or in accordance with the Shoreline Master Program subject to additional provisions in this chapter. Such use may not be altered or expanded except in compliance with standards provided in said codes.

B. Nonconforming structures, facilities and development damaged by fire or other cause shall be governed in accordance with the provisions of the zoning code or in accordance with the Shoreline Master Program subject to additional provisions in this chapter.

C. Alteration of existing structures or facilities may require modification to

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sensitive areas or buffers, in accordance with this section and other provisions of this code.

1. Minor alteration or renovation shall be defined as alteration or renovation of any structure, or associated improvements within a sensitive area or buffer that results in an expansion of floor area of less than 500 square feet, or 10 percent, whichever is less, or the expansion of impervious surface by less than 1,000 square feet, or 10 percent, whichever is less; or remodeling or renovation that is less than 50 percent of the value of the structure or improvements, excluding plumbing, electrical and mechanical systems. Minor alteration may require compliance with specific performance standards of this code.
2. Moderate alteration or renovation shall be defined as the alteration or renovation of any structure, or associated improvements within a sensitive area that results in an expansion of floor area of 500 square feet or more, or more than 10 percent and less than 50 percent, whichever is greater; or the expansion of impervious surface by more than 1,000 square feet, or of more than 10 percent and less than 50 percent, whichever is greater; or remodeling or renovation that is greater than 50 percent and less than 100 percent of the value of the structures or improvements excluding plumbing, electrical and mechanical systems.. Moderate alteration may require compliance with specific performance standards of this code.
3. Substantial reconstruction shall be defined as the alteration or renovation that results in an expansion of floor area of more than 50 percent, or the expansion of impervious surface by more than 50 percent, or remodeling or renovation that exceeds 100 percent of the value of the structures or other improvements, excluding plumbing and mechanical systems. Such substantial reconstruction shall be considered the same as new construction and shall fully comply with the provisions of this code.

D. **Buffer adjustment based on existing lot depth.** The city administrator and/or his/her designee may vary buffer dimensions on existing non-conforming lots under contiguous ownership may to take into consideration the existing depth of lots, measured perpendicular from the boundary of the wetland or stream or other sensitive area. Buffers on such lots may be adjusted up to the following, provided that this shall not apply to a geological hazard area unless all applicable design and other standards are met.

1. Lot depth less than 100 feet – buffers may be adjusted to utilize no more 40% of lot depth, or as necessary to provide a buildable area

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outside the buffer no less than 40 feet deep, provided that a minimum buffer is not less than 25 feet or 50% of the distance between an existing primary building and the edge of the wetland or stream or other sensitive area.

2. Lot depth 100 feet to 150 feet – buffers may be adjusted to utilize more than 50% of lot depth or 50% of the distance between an existing primary building and the edge of the wetland or stream or other sensitive area.
3. Lot depth 150 to 200 feet – buffers may be adjusted to utilize no more than 70% of lot depth or 70% of the distance between an existing primary building and the edge of the wetland or stream or other sensitive area.
4. Lot depth 200 feet to 250 feet – buffers may be adjusted to no more than 75% of lot depth or 75% of the distance between an existing primary building and the edge of the wetland or stream or other sensitive area.
4. Lot depth 250 feet to 300 feet – buffers may be adjusted to utilize no more than 75% of lot depth or 75% of the distance between an existing primary building and the edge of the wetland or stream or other sensitive area.
5. All other provisions for design and management of buffer areas and adjacent land shall apply, provided that allowed uses in buffer areas may be restricted to reduce impacts on ecological functions and values.

19.10.180 Administration

- A. The city administrator and/or his/her designee shall have the authority to adopt administrative rules as deemed necessary consistent with the provisions of this chapter and that are necessary for the implementation of sensitive area regulations.
- B. The city administrator and/or his/her designee shall have a right to enter upon any property at reasonable times and to make such inspections as are necessary to determine compliance with the provisions of this chapter or the conditions imposed pursuant to this chapter. The City shall make a reasonable effort to locate the owner or persons in charge and notify them of the times and purposes of required entry.
- C. The city administrator and/or his/her designee is further authorized to take such actions as may be necessary to enforce the provisions of this chapter including but not limited to the civil infraction, abatement and criminal penalties provided in Black Diamond Municipal Code.

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D. The city's enactment or enforcement of this chapter shall not be construed for the benefit of any individual person or group of persons other than the general public.

19.10.190 Appeals

- A. An aggrieved party may appeal a decision of the city granting or denying a permit that is subject to the appeal process provided for the underlying permit.
- B. For a sensitive areas permit where no other permit is provided, an appeal may be filed pursuant to the provisions for administrative appeal in the zoning code.

19.10.200 Wetlands

BMC 19.10.205 to BMC 19.10/.240 pertain to wetlands.

19.10.210 Designation, rating, and mapping wetlands

Wetlands in Black Diamond are designated and classified in accordance with the following provisions:

- A. **Designating wetlands.** Wetlands are those areas designated in accordance with the requirements of RCW 36.70A.175 and 90.58.380 and the *Washington State Wetland Identification and Delineation Manual (1997)*. All areas meeting the criteria in manual regardless of mapping or other identification are designated sensitive areas and are subject to the provisions of this chapter.
- B. Wetlands shall be rated based on categories that reflect the functions and values of each wetland.
 - 1. **Core Wetland and Stream Complex.** The wetland complex associated with Rock Creek, Jones Lake, Jones Creek, Black Diamond Lake, Black Diamond Creek, and Ravensdale Creek are designated as the Core Stream and Wetland Complex. The general boundaries of the area affected is designated on Attachment A, provided that the dimensions of the area shall be defined by the field verified wetland boundaries and the buffers defined in Section 19.10.230.
 - 2. **Headwaters Wetlands.** The wetland complex associated with the headwaters of Ginder Creek, Lawson Creek and Ravensdale Creek are defined as headwaters wetlands. The general boundaries of the area affected is designated on Attachment B, provided that the dimensions of the area shall be defined by the field verified wetland boundaries and the buffers defined in Section 19.10.230.

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3. Other Wetlands: All other wetlands are rated according the following categories based on the criteria provided in the Washington State Wetland Rating System for Western Washington, revised August 2004 (Ecology Publication #04-06-025). These categories are generally defined as follows.
 - a. Category I Wetlands. Category I wetlands are those wetlands of exceptional value in terms of protecting water quality, storing flood and storm water, and/or providing habitat for wildlife as indicated by a rating system score of 70 points or more. These are wetland communities of infrequent occurrence that often provide documented habitat for sensitive, threatened or endangered species, and/or have other attributes that are very difficult or impossible to replace if altered.
 - b. Category II Wetlands. Category II wetlands have significant value based on their function as indicated by a rating system score of between 51 and 69 points. They do not meet the criteria for Category I rating but occur infrequently and have qualities that are difficult to replace if altered.
 - c. Category III Wetlands. Category III wetlands have important resource value as indicated by a rating system score of between 30 and 50 points.
 - d. Category IV Wetlands. Category IV wetlands are wetlands of limited resource value as indicated by a rating system score of less than 30 points. They typically have vegetation of similar age and class, lack special habitat features, and/or are isolated or disconnected from other aquatic systems or high quality upland habitats.

C. Wetland rating categories shall not change due to illegal modifications.

D. **Mapping.** The approximate location and extent of identified wetlands are shown on the Black Diamond Sensitive Areas Map(s). These maps are to be used as a guide for the city, project applicants, and/or property owners, and may be continuously updated as mapped wetlands become more specifically delineated and new wetlands (if any) are identified. They are a reference and do not provide a final sensitive area designation.

19.10.220 Uses and activities allowed in wetlands and adjacent lands.

The activities listed below are allowed in wetlands in addition to those activities listed in, and consistent with, the provisions and activities established in Section 19.10.060, and 19.10.120 Sensitive area permit review

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A. Activities and facilities that do not require prior review or approval, provided, that were the city administrator and/or his/her designee determines such activities may result in a loss of functions and values of a wetland or its buffer the provisions of (B) or (C) shall apply. These activities include:

1. Outdoor recreational or educational activities directly related to the cultural, recreational, scientific and educational aspects of the wetland and buffer and that do not remove vegetation or otherwise affect the function of the wetland or buffer (including wildlife management, viewpoints, outdoor scientific or interpretive facilities, and sports fishing) that have a minimal adverse impact may be permitted within a Category II, III, or IV wetlands or their buffers and may be permitted only within the buffer of a Category I wetland the buffer of a wetland in the Core Complex or the buffer of a Headwaters Wetland.
2. 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.
3. The harvesting of 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, chemical applications, or alteration of the wetland by changing existing topography, water conditions, or water sources may be permitted within a Category II, III, or IV wetlands or their buffers and may be permitted only within the buffer of a Category I wetland the buffer of a wetland in the Core Complex or the buffer of a Headwaters Wetland.
4. Enhancement of a wetland through the removal of non-native invasive species. Weeding shall be restricted to hand removal and weed material shall be removed from the site. Bare areas that remain after weed removal shall be re-vegetated with native shrubs, and trees at natural densities. Some hand seeding may also be done over the bare areas with native herbs.

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B. Actions that can be planned and programmed in advance requiring notification and review in accordance with Section 19.10.060.B.2.

1. Drilling for utilities under a Category II, III, or IV wetland and buffer provided that the drilling does not interrupt the groundwater connection to the wetland or percolation of surface water down through the soil column. Specific studies by hydrologist are necessary to determine whether the groundwater connection to the wetland or percolation of surface water down through the soil column is disturbed. Staging areas shall be located outside the

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wetland buffer.

2. Overhead utility lines may cross a Category II, III, or IV wetland provided that the line spans the wetland with no poles or other supports within the wetland. Poles may be placed in Category II, III, or IV wetland buffers.
3. Trails may be permitted within a Category II, III, or IV wetlands or their buffers and may be permitted only within the buffer of a Category I wetland, the buffer of a wetland in the Core Complex or the buffer of a Headwaters Wetland if the following criteria are met:
 - a. Trails are limited to buffer areas except for limited area of pile supported trail sections or viewing areas may be placed within Category II, III and IV wetlands for interpretive purposes.
 - b. Trails shall not exceed 4 feet in width and shall be surfaced with wood chips, gravel or other pervious material, including boardwalks. ;
 - c. The trail or facility is located in the outer fifty percent (50%) of the Category II, III and IV buffer and the outer 25% of the buffer of a Category I wetland, the buffer of a wetland in the Core Complex or the buffer of a Headwaters Wetland, except for limited placement closer to the wetland edge or within a Category II, III and IV wetland for interpretive purposes as provided above;
 - d. The trail or facility is constructed and maintained in manner that minimizes disturbance of the wetland or buffer. Trails or facilities within wetlands should be placed on an elevated structure as an alternative to fill.
 - e. Any adverse impacts on wetland functions and values are mitigated in accordance with Section 19.10.240.

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C. Uses and activities that shall be reviewed by a full permit process include:

1. Drilling for utilities under a wetland or buffer in the Core Complex, within a Headwaters Wetland or buffer or a Category I wetland or buffer, may be permitted if the following criteria are met:
 - a. There is no reasonable location or route outside the wetland or wetland buffer based on analysis of system needs, available technology and alternative routes. Location within a wetland buffer shall be preferred over a location within a

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- wetlands.
- b. The drilling does not interrupt the groundwater connection to the wetland or percolation of surface water down through the soil column. Specific studies by hydrologist are necessary to determine whether the groundwater connection to the wetland or percolation of surface water down through the soil column is disturbed.
 - c. Staging areas are located outside the wetland buffer.
 - d. Impacts on wetland functions are mitigated in accordance with Section 19.10.240.
2. Overhead utility lines that cross a wetland or buffer in the Core Complex, within a Headwaters Wetland or buffer or a Category I, II, III, or IV wetland or buffer, with no poles or other supports within the wetland
- a. There is no reasonable location or route outside the wetland or wetland buffer based on analysis of system needs, available technology and alternative routes. Location within a wetland buffer shall be preferred over a location within a wetland.
 - b. Clearing, grading, and excavation activities are limited to the minimum necessary to install the utility line, and the area is restored following utility installation.
 - c. Impacts on wetland functions are mitigated in accordance with Section 19.10.240.
3. Linear utilities and facilities such as water and sewer lines providing local delivery service, but not including non-linear facilities such as electrical substations, water and sewage pumping stations, water storage tanks, and not including petroleum products pipelines and not including transformers or other facilities containing hazardous substances, may be located in Category II, III, and IV wetlands and their buffers and the buffer of a Category I wetland, the buffer of a wetland in the Core Complex or the buffer of a Headwaters Wetland if the following criteria are met:
- a. There is no reasonable location or route outside the wetland or wetland buffer based on analysis of system needs, available technology and alternative routes. Location within a wetland buffer shall be preferred over a location within a wetland.
 - b. The utility line is located as far from the wetland edge as

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possible and in a manner that minimizes disturbance of soils and vegetation.

- c. Clearing, grading, and excavation activities are limited to the minimum necessary to install the utility line, which may include boring, and the area is restored following utility installation.
 - d. Buried utility lines shall be constructed in a manner that prevents adverse impacts to subsurface drainage. This may include the use of trench plugs or other devices as needed to maintain hydrology.
 - e. Impacts on wetland functions are mitigated in accordance with Section 19.10.240.
4. Public and private roadways and railroad facilities, including bridge construction and culvert installation, and access to private property may be permitted in wetlands or their buffers, if the following criteria are met:
- a. There is no reasonable location or route outside the wetland or wetland buffer based on analysis of alternative routes including through the provisions of RCW 8.24. Location within a wetland buffer shall be preferred over a location within a wetland. Location in a Category II, III, and IV wetlands or their buffers shall be preferred over location in a Category I wetland or its buffer, a wetland in the Core Complex or its buffer, or a Headwaters Wetland or its buffer.
 - b. Facilities in the buffer parallel to the wetland edge shall be located as far from the wetland edge as possible.
 - c. Clearing, grading, and excavation activities are limited to the minimum necessary, which may include placement on elevated structures as an alternative to fill, where feasible.
 - d. Disturbance of soils and vegetation shall be minimized;
 - e. Impacts on wetland functions are mitigated in accordance with Section 19.10.240.
5. Storm water conveyance or discharge facilities such as dispersion trenches, level spreaders, and outfalls may be permitted within a Category II, III, or IV wetland buffer and within the outer 25% of a Category I wetland buffer, the buffer of a wetland in the Core Complex, or the buffer of a Headwaters Wetland, basis if the following are met:

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- a. Due to topographic or other physical constraints, there are no feasible locations for these facilities to discharge to surface water through existing systems or outside the buffer.
 - b. Locations and designs that infiltrate water shall be preferred for Category I, II, III, or IV wetland buffer over a design that provides for pipelines or surface discharge across the buffer or into the wetland. Only infiltration facilities are allowed within the buffer of a wetland in the Core Complex, or the buffer of a Headwaters Wetland and only when no trees of greater than 4 inches in diameter are disturbed.
 - c. A hydoperiod analysis is conducted and no impact is demonstrated by the study.
 - d. The discharge into a Category I, II, III, or IV wetland is located as far from the wetland edge as possible and in a manner that minimizes disturbance of soils and vegetation and avoids long-term rill or channel erosion. Surface water discharge into a wetland in the Core Complex, or a Headwaters Wetland is prohibited unless analysis demonstrates that infiltration is not feasible because of inherent features such as soil type.
6. On-site sewage disposal system conventional drainfields may be permitted in the outer 25 percent of a Category II, III and IV wetland buffer when accessory to an approved residential structure, if the following conditions are met:
- a. It is not feasible to connect to a public sanitary sewer system;
 - b. There is no reasonable location outside the wetland buffer based on analysis of conditions within the contiguous property owned by the applicant;
 - c. The facility is located as far from the wetland edge as possible and is designed and constructed in a manner that minimizes disturbance of soils and vegetation, and no trees in excess of 4 inches in diameter are removed or disturbed;
 - d. Clearing, grading, and excavation activities are limited to the minimum necessary and the area is restored following installation.
 - e. A hydoperiod analysis is conducted and no impact is demonstrated by the study.

D. Development of adjacent land shall minimize adverse effects on the wetland, and shall include the following standards:

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1. Fencing and appropriate sensitive area signage shall be provided at the perimeter of residential development.
2. Activities that generate noise shall be located as far from the wetland and buffer as feasible. Roads, driveways, and parking lots for other than park and recreation facilities, as well as loading areas, mechanical or ventilating equipment shall be located on sides of buildings away from the wetland, or separated by noise attenuating walls with a barrier density of at least 4.00 lb/ft² along the entire loading area and driveway.
3. Light penetration into buffer areas and wetlands shall be limited by locating areas requiring exterior lighting away from the wetland boundary, or limiting light mounting heights to a maximum 4 of feet within 100 feet of the wetland buffer.
4. Management of surface runoff from adjacent land shall minimize adverse effects on wetland ecological functions and shall include:
 - a. Control of surface water peak flow and duration of flow should be maintained at rates typical of native forest cover;
 - b. Low impact development measures shall be incorporated to the maximum extent feasible, including but not limited to:
 - (i) Site design to maximize preservation of existing patterns of overland water flow and of groundwater interflow;
 - (ii) Vehicle and pedestrian circulation systems that minimize alteration of topography and natural hydrologic features and processes through following the natural contours, of the land.
 - (iii) Road location and circulation patterns shall reduce or eliminate stream crossings and encroachment on sensitive areas and their buffers;
 - (iv) Utilities consolidated within roadway and driveway corridors to avoid additional clearing for multiple corridors.
 - (v) Layout of lots and or structures to minimize alteration of existing topography, disturbance to soils and native vegetation,
 - (vi) Runoff should be routed to infiltration systems, to the maximum extent feasible, to provide groundwater interflow recharge to wetlands and/or water bodies and to limit overland flow and erosion.

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Deleted: Windows that will be lit at night should be minimized on the side of buildings facing Category I, II, III, or IV wetlands and buffers, and shall not be permitted within 100 feet of the edge of the buffer of a wetland in the Core Complex.

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- (1) Use of permeable pavement
 - (2) Dispersion of runoff into areas that permit infiltration
 - (3) Engineered facilities designed for bioretention and infiltration ranging from swales to ponds to tree wells to engineered wetlands.
- c. Surface or piped stormwater should be routed to existing conveyances or to other areas, wherever hydraulic gradients allow. Where stormwater is routed to wetlands, system design shall assure that erosion and sedimentation will be avoided to the maximum extent feasible.
 - d. To prevent channelized flow from lawns and other landscaped areas from entering the buffer, and to prevent washing of fertilizers, herbicides and pesticides into the buffer, if slopes adjacent to the buffer exceed 15%, a 10 foot wide swale to intercept runoff shall be provided at the edge of the buffer or other effective interception design, approved by the city administrator and/or his/her designee.
 - e. Adopt and implement an integrated pest management system including limiting use of fertilizers, herbicides and pesticides within 25 feet of the buffer of Category III, or IV wetland, within 50 feet of the buffer of a Category I, II, or Headwaters wetland, and within 100 feet of the buffer of a wetland in the Core Complex.

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19.10.230 Wetland Buffers

- A. **Wetland buffers.** Buffer requirements contained in this section shall apply to all wetlands designated in this chapter and all proposed mitigation sites. Except as otherwise provided for in this chapter, all wetland buffers shall be maintained in an undisturbed or enhanced condition.
- B. **Core Wetland Complex buffers** shall be a minimum of 225 feet for all wetlands within the core area, provided that
 - 1. The buffer may be extended further than 225 feet:
 - a. If land within and adjacent to the buffer has a slope in excess of thirty percent (30%) the buffer shall extend at least 25 feet beyond the top of the 30% slope, and
 - b. If land within and adjacent to the buffer is designated a landslide hazard, the buffer shall extend at least to the extent of the buffer designated in Section 19.10.410.B.
 - 2. If a Category III or IV wetland is located within the outer 50% of

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the buffer of a wetland designated as part of the Core Wetland Complex, and does not have a surface hydrologic connection to the core complex, the buffers for that wetland shall be the standard wetland buffer in Subsection D, below.

C. **Headwaters Wetland buffers** shall be a minimum of 225 feet for all wetlands.

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D. **Other Wetlands, Standard buffer widths.** The standard buffer widths presume the existence of a relatively intact mature native vegetation community (relative density of 20 or greater) in the buffer zone adequate to protect the wetland functions and values at the time of the proposed activity. If the vegetation is inadequate, then the buffer width shall be increased or the buffer shall be planted to maintain the standard width. Required standard wetland buffers based on wetland category are as follows:

Buffer Dimensions for other wetlands

Wetland Category	Buffer Width (feet)
Category IV	50
Category III	80
Category II	150
Category I	180

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E. **Measurement of wetland buffers.** All buffers shall be measured from the wetland boundary as surveyed in the field. The width of the wetland buffer shall be determined according to the wetland category. The required buffer shall be extended to include any adjacent regulated wildlife habitat area, landslide hazard areas and/or erosion hazard areas and required buffers. Buffers shall not be extended across existing human features that functionally and effectively separate the potential buffer from ecological functions of the resource, and shall include hardened surfaces including improved roads or other lawfully established structures or surfaces, or the developed portions of lots, under separate ownership, lying between the habitat area and the subject property, unless restoration of buffer functions on such property is or may reasonably be expected to be the subject of a permit condition or an adopted public plan. The buffer for a wetland created, restored, or enhanced as compensation for approved wetland alterations shall be the same as the buffer required for the category of the created, restored, or enhanced wetland. Only fully vegetated buffers will be considered. Lawns, walkways, driveways and

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other mowed or paved areas will not be considered buffers

F. **Vegetation Management.** In order to maintain effective buffer conditions and functions, a vegetation management plan shall be required for all buffer areas, to include:

1. Maintaining adequate cover of native vegetation including trees and understory; if existing tree cover is less than a relative density of 20 trees/acre, planting shall be required consisting of a density of 300 seedlings per acre or the equivalent;
2. Provide a dense screen of native evergreen trees at the perimeter of the buffer. Clearing of existing second growth forest generally results in trees with little canopy at or near the ground level.
 - a. Core Wetland and Stream Complex buffers generally will require interplanting among existing trees within an area of thirty to fifty feet to provide for regeneration of native species and prevent the establishment of invasive species.
 - b. Other wetland buffers will require plantings if existing vegetation is not sufficient to prevent viewing adjacent development from within the buffer or penetration of light and glare into the buffer or to prevent establishment of invasive species.
 - c. Planting specifications generally shall consist of as many rows of the following units as required to accomplish the management objectives:
 - i) Two rows of 3' high stock of native evergreens at a triangular spacing of 15 feet, or
 - ii) Three rows of gallon containers at a triangular spacing of 8 feet.
3. Fencing may be required in order to separate sensitive areas from developed areas;
4. Provide a plan for control of invasive weeds, and remove existing invasive species;
5. Provide for a monitoring and maintenance plan for a period of at least five (5) years, except this provision may be waived for single family residential lots.
6. Vegetation management plans for Category II and IV wetlands may provide for preservation of view corridors from existing single family residences by the placement of new vegetation in a manner that frames views, provided that the same density is maintained and key functions such as shading for temperature

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attenuation and habitat functions are maintained.

G. **Increased wetland buffer widths.** The city administrator and/or his/her designee shall require increased buffer widths in accordance with the recommendations of an experienced, qualified professional wetland scientist, and the best available science on a case-by-case basis when a larger buffer is necessary to protect wetland functions and values based on site-specific characteristics. This determination shall be based on one or more of the following criteria:

1. A larger buffer is needed to protect other sensitive areas;
2. The buffer or adjacent uplands has a slope greater than fifteen percent (15%) or is susceptible to erosion and standard or proposed erosion-control measures will not prevent adverse impacts to the wetland.

H. **Wetland buffer width transfer.**

1. The city administrator and/or his/her designee may allow decreased widths with transfer of an equal area of buffer from wetlands not within the Core Wetland Complex and not Headwater Wetlands to the buffers of the Core Wetland Complex in accordance with the table below provided the specific measures in (2) below are incorporated into the buffers and adjacent development.,

Wetland Category	Buffer Width (feet) after Transfer
Category IV	30
Category III	50
Category II	100
Category I	125

2. The following specific mitigation measures shall be incorporated into adjacent development in order to utilize the buffer dimensions specified in (1) above shall be as follows, provided that the city administrator and/or his/her designee may approve alternatives measures that are demonstrated by the applicant to have equivalent effectiveness in reducing impacts on wetland functions:

- a. A buffer area transferred may not be less than 200 linear feet, except for existing non-conforming lots. Buffer area transfer is preferred within new development as part of an integrated program for management of sensitive areas.

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b. The slope within the buffer to be reduced and adjacent lands shall not exceed 15%.

c. All standards for adjacent development in Subsection 19.10.220.D. shall be complied with, and in addition:

i. No mechanical or ventilating equipment shall be located on sides of buildings adjacent to the wetland and buffer.

ii. No discharge of surface water from adjacent development may take place into the resource or buffer. If topography is such that runoff is naturally directed toward the resource or buffer, low impact development features shall be incorporated with a design incorporating infiltration that demonstrates that no surface runoff will be produced. If soils or other conditions are not suitable to meet this standard, the buffer transfer may not be approved.

d. All standards for vegetation management in Subsection 19.10.230.F. shall be complied with, and in addition:

i. The buffer area being transferred to must have a relative density of at least 20 and/or enhancement vegetation must be installed, or plans approved and a performance assurance provided in accordance with Subsection 19.10.140.F.

i. The buffer area being transferred from must be interplanted to provide a more effective buffer or plans approved and a performance assurance provided in accordance with Subsection 19.10.140.F. Planting must be installed prior to construction upon the adjacent parcel.

e. A notice on title or plat or short plat restriction shall be filed in accordance with Section 19.10.150 that shall include a survey of the wetland boundary, the buffer boundary and building setback lines and all conditions of approval.

I. **Wetland buffer width averaging.** The city administrator and/or his/her designee may allow modification of the standard wetland buffer width in accordance with an approved sensitive area report and the best available science on a case-by-case basis by averaging buffer widths. Averaging of buffer widths may only be allowed where a qualified professional wetland scientist demonstrates that:

1. Averaging to improve wetland protection may be permitted when all of the following conditions are met:

Deleted: c. . No transfer of buffer area may take place if adjacent land use is commercial, industrial, multi-family in excess of 6 dwelling units per acre, and/or a height of 30 feet, or active recreation activities consisting or sports fields or similar uses.¶

Deleted: i. . Solid wood or masonry fencing at least six feet in height shall be provided at the perimeter of the buffer to limit noise and light as well as human and domestic animal entry into wetlands and buffer areas.¶

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Deleted: iii. . No impervious surfaces, parking areas or vehicular access facilities may be located within 40 feet of the buffer. ¶

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Deleted: e. . The building setback between the buffer of a Category I, II, or III wetland and any structure, as provided in Subsection 19.10.160. B. Building Setbacks shall be no less than 40 feet from the edge of the wetland buffer, and facilities and uses allowed in the building setback in Subsection 19.10.160. D shall be no less than 30 feet from the wetland buffer.¶

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- a. The wetland contains variations in sensitivity due to existing physical characteristics or the character of the buffer varies in slope, soils, or vegetation, and the wetland would benefit from a wider buffer in places and would not be adversely impacted by a narrower buffer in other places;
 - b. Buffer averaging will not reduce wetland functions or functional performance;
 - c. The total area contained in the buffer area after averaging is no less than that which would be contained within the standard buffer; and all increases in buffer dimension for averaging are generally parallel to the wetland edge;
 - d. The buffer width at its narrowest point is not reduced to less than 75 percent (75%) of the standard width and in no case less than thirty-five (35) feet.
2. Averaging to allow reasonable use of a parcel may be permitted when all of the following criteria are met:
- a. There are no feasible alternatives to the site design that could be accomplished without buffer averaging;
 - b. The buffer averaging does not reduce the functions or values wetland, or the buffer averaging, in conjunction with vegetation enhancement or other measures increases the wetland function;
 - c. The total area contained in the buffer area after averaging is no less than that which would be contained within the standard buffer and all increases in buffer dimension for averaging are generally parallel to the wetland edge;
 - d. The buffer at its narrowest point is never less than 3/4 of the required width except where the city administrator and/or his/her designee finds that there is an existing feature such as a roadway that limits buffer dimension, or an essential element of a proposed development such as access that must be accommodated for reasonable use and requires a smaller buffer.
3. The width reduction may not be located within another sensitive area or associated buffer unless criteria for averaging said buffer are also addressed and approved.
4. Buffer averaging may not be approved when buffer transfer is approved in accordance with subsection 1. above.

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J. **Buffer enhancement for changes to existing uses.** As provided in Sections 19.10.170 and 19.10.350.C, buffer dimensions and enhancement of vegetation communities may be enhanced at the time of redevelopment of improvements on non-conforming lots as provided below:

1. Minor alteration or renovation of existing development
 - a. Vegetate buffer enhancement, either 50% of buffer standard or 50% of existing structure setback from wetland
 - b. Fence and sign buffer area
2. Moderate alteration or renovation of existing development
 - a. Vegetate buffer enhancement, either 70% of buffer standard or 60% of existing structure setback from wetland
 - b. Fence and sign buffer area
3. Substantial redevelopment
 - a. Buffer dimension, 100 percent of standard
 - b. Vegetation enhancement, 100% of standard
 - c. Fence and sign buffer area

19.10.235 Provisions for Small Isolated Wetlands

- A. All wetlands shall be regulated regardless of size.

19.10.240 Mitigation Requirements

- A. **Mitigation plan.** A mitigation plan that achieves equivalent or greater biologic functions will be required for all proposed wetland alterations or to mitigate unavoidable adverse impacts to the wetland functions and values resulting from a proposed action. Mitigation plans shall be prepared consistent with the minimum requirements of Section 19.10.140 and Subsection.
- B. **Compensatory mitigation.** As a condition of any permit allowing alteration of a wetland and/or wetland buffer, or as part of an enforcement action, an applicant may be required to provide restoration, creation or enhancement of wetlands and their buffers to offset unavoidable adverse impacts resulting from the applicant's or violator's actions.
 1. Compensation areas shall be determined according to the function, acreage, type, location, time factors, ability to be self sustaining and probability of project success.
 2. Where feasible, restored or created wetlands shall be a higher category than the altered wetland.
 3. Compensatory projects shall be completed immediately after the

Deleted: . provided that the city administrator and/or his/her designee shall assure that preservation of isolated wetlands and associated buffers of less than ten thousand (10,000) square feet of combined wetland and buffer shall maintain effective wetland functions, or be mitigated as provided below.¶
B. . Wetlands and associated buffers of less than one thousand (1,000) square feet may be displaced when the wetland meets all of the following criteria, as documented in a wetland sensitive area study.¶
1. . The wetland is not associated with a riparian corridor, ¶
2. . The wetland is not part of a wetland mosaic and ¶
3. . The wetland does not contain habitat identified as essential for local populations of priority species identified by Washington Department of Fish and Wildlife.¶
4. . Impacts of displaced wetlands are mitigated pursuant to Section 19.10.240.¶
C. . Category 3 and 4 wetlands between 1,000 and 4,000 square feet may be displaced without meeting the provisions of Section 19.10.240 regarding avoidance, minimization, rectification, and reducing and eliminating the impact over time, provided that the criteria in B, above are met and the wetland does not score 20 points or greater for habitat in the 2004 Western Washington Rating System. ¶
D. . Preservation of isolated wetlands with a total area of the combined wetland and buffer of 10,000 square feet or less shall meet the following provisions, or if the said provisions cannot be demonstrated, as specified by the city administrator and/or his/her designee, they may be displaced and shall be mitigated as specified in Section 19.10.240.¶
1. . Depressional wetlands recharged only by precipitation, interflow or groundwater shall be assured a source of recharge to maintain its hydrologic character through stormwater infiltration, or other means.¶
2. . Wetlands that have a potential to reduce flooding or erosion or has the potential and opportunity to maintain or improve water quality as evidenced by a score of at least 10 points on the applicable criteria of the Wetland Rating Form for Western Washington shall maintain a hydraulic connection to surface water that maintains effect (... [1])

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activities that will disturb wetlands and prior to use or occupancy, unless otherwise agreed to within the permit application. Construction of compensatory projects shall be timed to reduce adverse impacts to existing wildlife and flora.

C. Type and location of mitigation.

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1. Unless it is demonstrated that a higher level of ecological functioning would result from an alternate approach, compensatory mitigation for ecological functions shall be either in-kind and on-site, or in-kind and within the same stream reach, or sub-basin. Mitigation actions shall be conducted within the same sub-drainage basin and on the same site as the alteration except when the all of the following apply:
 - a. There are no reasonable on-site or in subdrainage basin opportunities or on-site and in-subdrainage basin opportunities do not have a high likelihood of success, after a determination of the natural capacity of the site to mitigate for the impacts. Consideration should include: anticipated wetland mitigation replacement ratios, buffer conditions and proposed widths, hydrogeomorphic classes of on-site wetlands when restored, proposed flood storage capacity, potential to mitigate riparian fish and wildlife.
 - 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 unless established 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.
2. In kind compensation shall be provided where feasible. The applicant may provide out-of-kind compensation provided:
 - a. Out -of-kind replacement will result in a wetland with greater functional value; or
 - b. Scientific problems such as exotic vegetation and changes in watershed hydrology make in-kind compensation impractical.
3. Mitigation actions that require compensation by replacing, enhancing, or substitution shall occur in the following order of preference:

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- a. Restoring wetlands on upland sites that were formerly wetlands (also called re-establishment).
- b. Creating wetlands where none previously existed on upland sites. The preferred sites are those that have been disturbed such that vegetative cover consists primarily of non-native introduced species. Creation of wetlands in areas of mature native vegetation should be avoided when the habitat and other values of the site would be lost. Creation on upland sites should only be attempted when there is a consistent source of hydrology and it can be shown that the surface and subsurface hydrologic regime is conducive for the wetland community that is being designed.
- c. Restoration of wetland functions in an existing wetland area that is significantly degraded (also called rehabilitation). This may be done in combination with restoration or creation. Such enhancement should be part of a mitigation package that includes replacing the impacted area meeting appropriate ratio requirements.
- d. Enhancement of some wetland functions in an existing wetland that may reduce other functions

D. **Mitigation ratios.** The following ratios apply to the different categories of compensation:

Wetland Category	Wetland Mitigation Type and Replacement Ratio*			
	Reestablishment	Creation	Re-habilitation	Enhancement Only
Category IV	1.5:1	1.5:1	2:1	3:1
Category III	2:1	2:1	3:1	4:1
Category II	3:1	3:1	4:1	6:1
Category I	6:1	6:1	8:1	Not allowed
Headwaters Wetlands	6:1	6:1	8:1	Not allowed
Core Wetland Complex	6:1	8:1	10:1	Not allowed

*Ratio is the replacement area: impact area.

1. Buffers shall be provided for wetland compensation sites as provided in Section 19.10.230, provided that the city administrator and/or his/her designee shall have the same authority to modify and average widths.
2. The city administrator and/or his/her designee may increase the

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replacement ratios to account for uncertainties as to the success of the restoration or creation or the time required for replacement wetlands to be effective. Such an increase will be based on the review of a sensitive area report prepared by a qualified professional.

3. In the case of off-site compensation the city administrator and/or his/her designee may decrease the replacement ratios based on the review of a sensitive area report prepared by a qualified professional and upon findings reviewed by agencies with expertise that no net loss of wetland function or value is attained under a reduced compensation ratio; which in no case shall be less 75% of the values in the table above for the Core Wetland Complex and 50% of the values in the table above for other wetlands and in no case lower than 1.5:1.

E. Compensation for wetland buffer impacts shall occur at a minimum 1:1 ratio. Compensatory mitigation for buffer impacts shall include enhancement of buffers by planting native species, removing structures and impervious surfaces within buffers, and other measures in accordance with Subsection 19.10.140.F.

F. Wetlands enhancement as mitigation: Any applicant proposing to alter a wetland may propose enhancement of existing significantly degraded wetlands. Applicants proposing to enhance wetlands must produce a sensitive area report 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.

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19.10.250 Wetland Mitigation Plan

In addition to meeting the requirements of Section 19.10.140, a compensatory mitigation plan for wetland and wetland buffer impacts shall meet the following requirements:

- A. The plan shall be based on applicable portions of the Washington State Department of Ecology's Guidelines for Developing Freshwater Wetland Mitigation Plans and Proposals, 2004 or other appropriate guidance document that is consistent with best available science.
- B. The plan shall contain sufficient information to demonstrate that the proposed activities are logistically feasible, constructible, ecologically sustainable, and likely to succeed. Specific information to be provided in the plan shall include:
 1. The rationale for site selection;
 2. General description and scaled drawings of the activities proposed including, but not limited to, clearing, grading/excavation,

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drainage alterations, planting, invasive plant management, installation of habitat structures, irrigation, and other site treatments associated with the development activities and proposed mitigation action(s);

3. A description of the ecological functions and values that the proposed alteration will affect and the specific ecological functions and values the proposed mitigation area(s) shall provide, together with a description of required or recommended mitigation ratios and an assessment of factors that may affect the success of the mitigation program;
 4. Overall goals of the plan, including wetland function, value, and acreage;
 5. Description of baseline (existing) site conditions including topography, vegetation, soils, hydrology, habitat features (i.e., snags), surrounding land use, and other pertinent information;
 6. Field data confirming the presence of adequate hydrology (surface and/or groundwater) to support existing and compensatory wetland area(s);
 7. Nature of mitigation activities, including area of restored, created, enhanced and preserved wetland, by wetland type;
 8. Detailed grading and planting plans showing proposed post-construction topography; general hydrologic patterns; spacing and distribution of plant species, size and type of proposed planting stock, watering or irrigation plans, and other pertinent information;
 9. A description of site treatment measures including invasive species removal, use of mulch and fertilizer, placement of erosion and sediment control devices, and best management practices that will be used to protect existing wetlands and desirable vegetation.
 10. A demonstration that the site will have adequate buffers sufficient to protect the wetland functions into perpetuity.
- C. Specific measurable performance standards that the proposed mitigation action(s) shall achieve together with a description of how the mitigation action(s) will be evaluated and monitored to determine if the performance standards are being met and identification of potential courses of action, and any corrective measures to be taken if monitoring or evaluation indicates that project performance standards are not being met. The performance standards shall be tied to and directly related to the mitigation goals and objectives.
- D. Cost estimates for the installation of the mitigation program, monitoring, and potential corrective actions if project performance standards are not

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being met.

19.10.260 Wetland Mitigation Monitoring

- A. All wetland mitigation projects shall be monitored for a period necessary to establish that performance standards have been met, but generally not for a period less than five (5) years. Reports shall be submitted annually for the first three (3) years following construction and at the completion of years 5, 7, and 10 if applicable to document milestones, successes, problems, and contingency actions of the compensatory mitigation. The city administrator and/or his/her designee shall have the authority to modify or extend the monitoring period and require additional monitoring reports for up to ten (10) years when any of the following conditions apply:
 - 1. The project does not meet the performance standards identified in the mitigation plan.
 - 2. The project does not provide adequate replacement for the functions and values of the impacted sensitive area.
 - 3. The project involves establishment of forested plant communities, which require longer time for establishment.
- B. Mitigation monitoring reports shall include information sufficient to document and assess the degree of mitigation success or failure as defined by the performance standards contained in the approved mitigation plan. Information to be provided in annual monitoring reports shall include the following:
 - 1. Number and location of vegetation sample plots used to document compliance with performance standards;
 - 2. Measurements of the percent survival of planted material, plant cover, stem density, presence of invasive species, or other attributes;
 - 3. For sites that involve wetland creation, re-establishment or rehabilitation, hydrologic observations of soil saturation/inundation as needed to demonstrate that a site meets the wetland hydrology criterion;
 - 4. Representative photographs of the site;
 - 5. A written summary of overall site conditions and recommendations for maintenance actions if needed;
 - 6. Other information that the city administrator and/or his/her designee deems necessary to ensure the success of the site.

19.10.300 Fish and Wildlife Conservation Areas

BMC 19.10.300 through BMC 19.10.340 pertain to fish and wildlife conservation

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areas.

19.10.310 Designation and Mapping

Fish and wildlife conservation areas in Black Diamond are designated and classified in accordance with the following provisions:

- A. **Core Stream and Wetland Complex.** The streams, lakes, ponds and wetland complex associated with Rock Creek, Jones Lake, Jones Creek, Black Diamond Lake, Black Diamond Creek, and Ravensdale Creek are designated as the Core Stream and Wetland Complex. The general boundaries of the area affected is designated on Attachment A, provided that the dimensions of the area shall be defined by the field verified stream boundaries and the buffers defined in Section 19.10.325.
- B. **Other fish and wildlife conservation areas.** Areas outside of the Core Stream and Wetland Complex include areas within the City which state or federally designated endangered, threatened, and sensitive species have a known primary association, including
 - 1. The Washington State Department of Fish and Wildlife Priority Habitats and Species Recommendations for Species and Habitats, for:
 - a. Endangered species listed at WAC 232-12-014
 - b. Threatened species listed at WAC 232-12-001
 - c. Sensitive species listed at WAC 232-12-011;
 - 2. Bald Eagle habitat pursuant to WAC 232-12-292
 - 3. Endangered or threatened species listed in accordance with the federal Endangered Species Act together with the areas with which they have a primary association.
 - 4. State natural area preserves and natural resource conservation areas including
 - a. Department of Natural Resources (DNR) designated Natural Areas Preserves (NAP) and Natural Resource Conservation Areas (NECA);
 - b. Washington Department of Fish and Wildlife (WDFW) designated Wildlife Recreation Areas (WRA);
 - 5. Waters of the state as defined in RCW 77.55.011, and RCW 90.56.010 including shorelines of the state as defined in RCW 90.58.010;
 - 6. Naturally occurring ponds under twenty acres and their submerged aquatic beds that provide fish or wildlife habitat;

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- 7. Lakes, ponds, streams, and rivers planted with game fish by a governmental or tribal entity;
- C. Habitats and species of local importance as may be determined by the city.
 - 1. In order to nominate an area or a species to the category of Locally Important an individual or organization must:
 - a. Demonstrate a need for special consideration based on:
 - i. Declining population;
 - ii. High sensitivity to habitat manipulation; or
 - iii Demonstrated commercial, recreational, cultural, or other special value;
 - b. Propose relevant management strategies considered effective and within the scope of this Chapter; and
 - c. Provide a map showing the species or habitat location(s).
 - 2. Submitted proposals shall be reviewed by the City and may be forwarded to the State departments of Fish and Wildlife, Natural Resources, and/or other local, State, Federal, and/or Tribal agencies or experts for comments and recommendations regarding accuracy of data and effectiveness of proposed management strategies.
 - 3. If the proposal is found to be complete, accurate, and consistent with the purposes and intent of this chapter, the City Commission will hold a public hearing to solicit comment. Approved nominations will become designated locally important habitats or species and will be subject to the provisions of this chapter.

D. **Mapping.** The approximate location and extent of known wildlife conservation areas are shown on the sensitive area maps. These maps are a reference and do not provide a final sensitive area designation.

19.10.320 Classification of fish and wildlife habitat conservation areas – Water bodies

A. **Core Stream and Wetland Complex.** The streams, lakes, ponds and wetland complex associated with Rock Creek, Jones Lake, Jones Creek, Black Diamond Lake, Black Diamond Creek, and Ravensdale Creek are designated as the Core Stream and Wetland Complex. The general boundaries of the area affected is designated on Attachment A, provided that the dimensions of the area shall be defined by the field verified stream boundaries and the buffers defined in Section 19.10.325.

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B. **Other fish and wildlife conservation areas.** Streams outside of the Core Stream and Wetland Complex shall be designated in accordance with the Washington State Department of Natural Resources (DNR) stream type as provided in WAC 222-16-030 with the following revisions:

1. Type S Water - all waters, as inventoried as "shorelines of the state" under chapter 90.58 RCW and the rules promulgated pursuant to Chapter 90.58 RCW including periodically inundated areas of their associated wetlands.
2. Type F Water - segments of natural waters other than Type S Waters, which are within defined channels and periodically inundated areas of their associated wetlands or within lakes, ponds, or impoundments having a surface area of 0.5 acre or greater at seasonal low water and which in any case contain fish habitat.
3. Type Np Water - all segments of natural waters within defined channels that are perennial non-fish habitat streams. Perennial streams are waters that do not go dry any time of a year of normal rainfall. However, for the purpose of water typing, Type Np Waters include the intermittent dry portions of the perennial channel below the uppermost point of perennial flow.
4. Type Ns Water - all segments of natural waters within defined channels that are not Type S, F, or Np Waters. These are seasonal, non-fish habitat streams in which surface flow is not present for at least some portion of a year of normal rainfall and are not located downstream from any stream reach that is a Type Np Water. Ns Waters must be physically connected by an above-ground channel system to Type S, F, or Np Waters.

C. Non-fish habitat streams are those streams that have no known or potential use by anadromous or resident fish based on the stream character, hydrology and gradient, provided that human-made barriers shall not be considered a limit on fish use except when the city administrator and/or his/her designee makes the following findings:

1. The human-made barrier is located beneath public infrastructure that is unlikely to be replaced and it is not feasible to remove the barrier without removing the public infrastructure, provided that the infrastructure is not identified for future modification in the capital facility or other plans of the public agency responsible for the infrastructure, and the facility will not exceed its design-life within the foreseeable future;
2. The human-made barrier is located beneath one or more occupied structures and it is not feasible to remove the barrier without removing the structure, and the structure is of a size and condition

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that removal or substantial remodel is not likely;

- 3. The human-made barrier is not identified for removal by a public agency or in an adopted watershed plan.

19.10.325 Fish and wildlife habitat conservation areas – Water bodies – Buffers

The city administrator and/or his/her designee shall have the authority to require buffers from the edges of all streams in accordance with the following:

- A. Buffers shall be established for activities adjacent to habitat areas as necessary to protect the integrity, functions and values of the resource. Buffer widths shall reflect the sensitivity of the species or habitat and the type and intensity of the adjacent human use or activity.
- B. **Buffers.** The buffer widths required by this section are based on scientific studies of the conditions necessary to sustain ecological functions and values to support anadromous and resident fish and presume the existence of a dense native vegetation community in the buffer zone adequate to protect the stream functions and values at the time of the proposed activity. Buffers of undisturbed native vegetation shall be required along all streams as provided below. The buffer shall extend landward from the top of the bank.
- C. **Core Stream and Wetland Complex** buffers shall be a minimum of 225 feet for all streams within the core area, provided that the buffer may be extended further if:
 - 1. Land within and adjacent to the buffer has a slope in excess of thirty percent (30%) the buffer shall extend at least 25 feet beyond the top of the 30% slope, and
 - 2. Land within and adjacent to the buffer is designated a landslide hazard, the buffer shall extend at least to the extent of the buffer
- D. **Other streams, standard buffer.** All other streams shall be provided the following buffers based on the Department of Natural Resources (DNR) water typing classification system as defined in Section 19.10.320.B.

Type	Buffer Width
Type S- all waters, as inventoried as "shorelines of the state" under the jurisdiction of the Shoreline Management Act, except associated wetlands, which shall be regulated in accordance with this chapter	200 feet
Type F - segments of natural waters other than Type S Waters	150 feet
Type Np - segments of natural waters that are	100 feet

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perennial non-fish habitat streams.

Type Ns - segments of natural waters within defined channels that are seasonal, non-fish habitat streams 50 feet

- E. **Buffer measurement.** The buffer shall be measured landward horizontally on both sides of the water body from the ordinary high water mark as identified in the field perpendicular to the alignment of the stream or lake/pond bank. The required buffer shall be extended to include any adjacent regulated wetland(s), landslide hazard areas and/or erosion hazard areas and required buffers. Buffers shall not be extended across existing human features that functionally and effectively separate the potential buffer from ecological functions of the resource, and shall include hardened surfaces, including improved roads or other lawfully established structures or surfaces, or the developed portions of lots, under separate ownership, lying between the habitat area and the subject property, unless restoration of buffer functions on such property is or may reasonably be expected to be the subject of a permit condition or an adopted public plan.
- F. **Buffers in conjunction with other sensitive areas.** Where other sensitive areas defined in this chapter fall within the water body buffer, the buffer area shall be the most expansive of the buffers applicable to any applicable sensitive area.
- G. **Vegetation management.** In order to maintain effective buffer conditions and functions, a vegetation management plan shall be required for all buffer areas, to include the standards found in Subsection 19.10.230.~~E.~~
- H. **Buffer increase.** The city administrator and/or his/her designee shall have the authority to increase the width of a stream buffer on a case-by-case basis when such increase is necessary to achieve any of the following:
1. Protect fish and wildlife habitat, maintain water quality, ensure adequate flow conveyance; provide adequate recruitment for large woody debris, maintain adequate stream temperatures, or maintain in-stream conditions.
 2. Compensate for degraded vegetation communities or steep slopes adjacent to the stream.
 3. Maintain areas for channel migration.
 4. Protect adjacent or downstream areas from erosion, landslides, or other hazards.
- I. **Water body buffer width transfer.**
1. The city administrator and/or his/her designee may allow decreased widths with transfer of an equal area of buffer from water bodies not within the Core Stream and Wetland Complex to the buffers of the Core Stream and Wetland Complex in

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accordance with the table below provided the specific measures in (2) below are incorporated into the buffers and adjacent development.,

Type	Buffer Width (feet) after Transfer
Type S	150 feet
Type F	100 feet
Type Np	50 feet
Type Ns	30 feet

2. The specific mitigation measures in Subsection 19.10.2300.F.2 shall be incorporated into adjacent development in order to utilize the buffer dimensions specified in (1) above.

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J. **Habitat buffer averaging.** The city administrator and/or his/her designee may allow the recommended habitat area buffer width to be reduced in accordance when the applicant demonstrates to the satisfaction of the administrator that all the following criteria are met.:

1. Averaging to improve water body habitat protection may be permitted when all of the following conditions are met:
 - a. The water body or buffer area has significant differences in characteristics that affect its habitat functions;
 - b. Buffer averaging will not reduce stream or adjacent upland habitat functions or adversely affect salmonid habitat;
 - c. Buffer averaging is combined with other provisions to provide additional habitat protection, such as buffer vegetation enhancement;
 - d. The total area contained in the buffer area after averaging is no less than that which would be contained within the standard buffer and the buffer is increased adjacent to the higher-functioning area of habitat or more sensitive portion of the water body and decreased adjacent to the lower-functioning or less sensitive portion and all increases in buffer dimension for averaging are generally parallel to the stream OHWM;
 - e. The buffer area width is not reduced by more than twenty-five percent (25%) in any location.
2. Averaging to allow reasonable use of a parcel may be permitted

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when all of the following criteria are met:

- a. There are no feasible alternatives to the site design that could be accomplished without buffer averaging;
 - b. The buffer averaging does not reduce the functions or values of the stream or riparian habitat, or the buffer averaging, in conjunction with vegetation enhancement, increases the habitat function;
 - c. The total area contained in the buffer area after averaging is no less than that which would be contained within the standard buffer and all increases in buffer dimension for averaging are generally parallel to the wetland edge;
 - d. The buffer at its narrowest point is never less than 75% of the required width except where the city administrator and/or his/her designee finds that there is an existing feature such as a roadway that limits buffer dimension, or an essential element of a proposed development such as access that must be accommodated for reasonable use and requires a smaller buffer.
3. The buffer width reduction may not be located within another sensitive area or associated buffer unless criteria for averaging said buffer are also addressed and approved.
 4. Buffer averaging may not be approved when buffer transfer is approved in accordance with subsection F, above.
- K. Development of adjacent land shall minimize adverse effects on the habitat area, and shall include the standards in Subsection 19.10.220.D.
- L. **Buffer enhancement for changes to existing non-conforming lots.** As provided in Sections 19.10.170 and 19.10.350.C, buffer dimensions and enhancement of vegetation communities may be enhanced at the time of redevelopment of improvements on non-conforming lots as provided below:
1. Minor Alteration of Existing Development
 - a. Vegetate buffer enhancement, either 50% of buffer standard or 50% of existing shoreline structure setback
 - b. Fence and sign buffer area
 2. Moderate Alteration of Existing Development
 - a. Vegetate buffer enhancement, either 70% of buffer standard or 60% of existing shoreline structure setback
 - b. Fence and sign buffer area

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3. Substantial Redevelopment
 - a. Buffer dimension
 - b. Vegetation enhancement, 100% of standard
 - c. Fence and sign buffer area
 - d. Replace existing bulkheads and docks with conforming structures

19.10.328 Water bodies – Culvert Replacement

- A. Culverts on public or private roads that are a barrier to fish movement shall be replaced at the time of major reconstruction, or if additional subdivision increases the number of lots served by the roadway by 20 percent or more. Replacement structures shall meet the standards of 19.10.330.C.2. This provision does not limit potential requirements for replacement under other statutes or treaty rights.
- B. Stream sections not within public or private roads that are culverted or enclosed shall be replaced by an open channel at any time of moderate or substantial reconstruction of uses on the parcel lots are served

19.10.330 Activities allowed in water bodies and habitat buffers.

The activities listed below are allowed in water bodies and habitat buffers in addition to those activities listed in, and consistent with, the provisions and activities established in Section 19.10.060, in accordance with the review provisions below.

- A. Activities and facilities that do not require prior review or approval. and do not require submission of a sensitive area report, provided, that where the city administrator and/or his/her designee determines such activities may result in a loss to the functions and values of a habitat area or its buffer the provisions of (B) or (C) shall apply. These activities include:
 1. Outdoor recreational or educational activities directly related to the cultural, recreational, scientific and educational aspects of the habitat and that do not remove vegetation or otherwise affect the function of the wetland or regulated buffer (including wildlife management, viewpoints, outdoor scientific or interpretive facilities, hunting blinds, and sports fishing) and that have a minimal adverse impact on the buffer and wildlife area.
 2. The harvesting of 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, chemical applications, or alteration of the wetland by changing existing topography, water conditions, or water sources.

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3. Enhancement of a water body or buffer through the removal of non-native invasive species. Weeding shall be restricted to hand removal and weed material shall be removed from the site. Bare areas that remain after weed removal shall be re-vegetated with native shrubs, and trees at natural densities. Some hand seeding may also be done over the bare areas with native herbs.

B. Actions that can be planned and programmed in advance requiring notification and review in accordance with Section 19.10.060.B.2.

1. Drilling for a single linear utility under a type F, Np and Ns water body. Drilling under buffers is preferred. Cut and cover installation may be approved only when impacts to buffer vegetation is minimized and mitigated. Expansion of buffer area may be required to compensate for replacement of mature vegetation with replanting.
2. Installation of a single overhead utility lines that span the water body with no poles or other supports within the water body. Poles may be placed in buffers provided that impacts to vegetation is minimized and mitigated. Expansion of buffer area may be required to compensate for replacement of mature vegetation with replanting.
3. Trails may be permitted within buffers if the following criteria are met:
 - a. Trails are limited to buffer areas except for limited area of pile supported trail sections or viewing areas may be placed within water bodies outside the Core Complex for interpretive purposes.
 - b. Trails shall not be permitted in buffer areas reduced through transfer of other adjustment.
 - c. Trails shall not exceed 4 feet in width and shall be surfaced with wood chips, gravel or pervious material, including boardwalks;
 - c. The trail or facility is located in the outer twenty five of a buffer, except for limited placement closer to the waters edge or within the water body for interpretive purposes for water bodies other than in the Core Complex, as provided above;
 - c. The trail or facility is constructed and maintained in manner that minimizes disturbance of the water body or buffer. Trails or facilities within water bodies shall be placed on an elevated structure as an alternative to fill.

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- d. Any adverse impacts on habitat functions and values are mitigated in accordance with Section 19.10.340.
- C. Uses and activities that shall be reviewed by a full permit process include:
1. Drilling for utilities under a water body in the Core Complex may be permitted if the following criteria are met:
 - a. There is no reasonable location or route outside the wetland or wetland buffer based on analysis of system needs, available technology and alternative routes. Location under a buffer shall be preferred over a location under a water body.
 - b. The drilling does not interrupt groundwater flow or recharge to the water body or percolation of surface water down through the soil column. Specific studies by hydrologist are necessary to determine whether the groundwater connection to the wetland or percolation of surface water down through the soil column is disturbed.
 - c. Staging areas are located outside the buffer.
 - d. Impacts on habitat functions are mitigated.
 2. Overhead utility lines that cross a water body or buffer in the Core Complex with no poles or other supports within the water body. Poles may be placed in buffers.
 - a. There is no reasonable location or route outside the water body or buffer based on analysis of system needs, available technology and alternative routes. Location within a buffer shall be preferred over a crossing of a water body..
 - c. Clearing, grading, and excavation activities are limited to the minimum necessary to install the utility line, and the area is restored following utility installation.
 - d. Impacts on habitat functions are mitigated.
 3. Linear utilities and facilities such as water and sewer lines providing local delivery service, but not including non-linear facilities such as electrical substations, water and sewage pumping stations, water storage tanks, and not including petroleum products pipelines and not including transformers or other facilities containing hazardous substances, may be located in the buffer of a Type F, NP and Ns stream. if the following criteria are met:
 - a. There is no reasonable location or route that does not cross the water body or outside the buffer based on analysis of system needs, available technology and alternative routes.

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Location within a buffer shall be preferred over a location within a water body. Crossings shall be contained within the footprint of an existing road or utility crossing where possible.

- b. Impacts to fish and wildlife habitat shall be avoided to the maximum extent possible and mitigated when avoidance is not feasible in accordance with Section 19.10.340.
 - c. Utilities that cross water bodies shall be as close to perpendicular to the channel as possible to minimize disturbance. Boring under the water body may be required.
 - d. If not a crossing, the utility line shall be located as far from the water body as possible.
 - e. The utility installation shall maintain the existing stream gradient and substrate.
 - f. Clearing, grading, and excavation activities shall be limited to the minimum necessary to install the utility line, and the area is restored following utility installation.
4. Road, railroad and similar rights-of-way, including trails not meeting the criteria in B.3, above, provided they meet the following criteria:
- a. There is no other feasible alternative route with less impact on the sensitive area or buffer.
 - b. The crossing minimizes interruption of natural processes such as the downstream movement of wood and gravel and the movement of all fish and wildlife. Bridges are preferred for all stream crossings and are required for crossings of the Core Complex. Bridges should be designed to maintain the existing stream gradient and substrate, provide adequate horizontal clearance on each side of the ordinary high water mark and adequate vertical clearance above ordinary high water mark for animal passage. If a bridge crossing is not feasible, culverts shall be designed according to applicable state and federal guidance criteria for fish passage as identified in Fish Passage Design at Road Culverts, WDFW March 1999, and/or the National Marine Fisheries Service Guidelines for Salmonid Passage at Stream Crossings, 2000, (and subsequent revisions) and in accordance with a state Hydraulic Project Approval. The applicant or property owner shall maintain fish passage through bridge or culvert.

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- c. The city may require that existing culverts be removed, repaired, or modified as a condition of approval if the culvert is detrimental to fish habitat or water quality, and a feasible alternative exists.
 - d. Crossings shall be limited to the minimum width necessary. Common crossings are the preferred approach where multiple properties can be accessed by one crossing.
 - e. Access to private development sites may be permitted to cross streams, if there are no feasible alternative alignments. Alternative access shall be pursued to the maximum extent feasible, including through the provisions of RCW 8.24. Exceptions or deviations from technical standards for width or other dimensions, and specific construction standards to minimize impacts may be specified, including placement on elevated structures as an alternative to fill, if feasible.
 - f. Any adverse impacts on habitat functions and values are mitigated in accordance with Section 19.10.340.
5. Storm water conveyance, discharge facilities such as infiltration systems dispersion trenches, level spreaders, and outfalls and retention/detention facilities may be permitted in a fish and wildlife habitat conservation area buffer on a case-by-case basis when all of the following are met:
- a. Due to topographic or other physical constraints there are no feasible locations for these facilities outside the buffer;
 - b. The discharge is located as far from the ordinary high water mark as possible and in a manner that minimizes disturbance of soils and vegetation.
 - c. The discharge outlet is in an appropriate location and is designed to prevent erosion and promote infiltration.
 - d. The discharge meets stormwater flow and water quality standard as provided in the 2005 Ecology Stormwater Manual for Western Washington, or the equivalent.
 - e. Any adverse impacts on habitat functions and values are mitigated in accordance with Section 19.10.340.
6. Stream bank stabilization, shoreline protection, and public or private launching ramps may be permitted subject to all of the following standards:
- a. Natural shoreline processes will be maintained to the

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maximum extent practicable. The activity will not result in increased erosion and will not alter the size or distribution of shoreline or stream substrate, or eliminate or reduce sediment supply from feeder bluffs;

- b. Adverse impact to fish or wildlife habitat conservation areas, specifically juvenile and adult fish migration corridors, or associated wetlands will be mitigated,
 - c. Nonstructural measures, such as placing or relocating the development further from the shoreline, planting vegetation, or installing on-site drainage improvements, are not feasible or not sufficient;
 - d. Stabilization is achieved through bioengineering or soft armoring techniques in accordance with an applicable Hydraulic Project Approval is issued by the Washington Department of Fish and Wildlife;
 - e. Hard bank armoring may occur only when the property contains an existing permanent structure(s) that is in danger from shoreline erosion caused by riverine processes and not erosion caused by upland conditions, such as the alteration of natural vegetation or drainage, and the armoring shall not increase erosion on adjacent properties and shall not eliminate or reduce sediment supply;
7. New public flood protection measures and expansion of existing measures may be permitted, provided that bioengineering or soft armoring techniques shall be used where feasible. Hard bank armoring may occur only in situations where soft approaches do not provide adequate protection, and shall be subject to requirement of the Shoreline Master Program, where applicable, Hydraulic Project Approval and other permits
8. New docks shall be permitted only for public access, as an accessory to water-dependent uses or associated with a single-family residence provided that it is designed and used only as a facility for access to watercraft.
- a. To limit the effects on ecological functions, the number of docks should be limited and new subdivisions should employ shared moorage whenever feasible. Docks on shorelines of the state must comply with policies and regulations of the City of Black Diamond Shoreline Master Program.
 - b. Docks shall be located and designed to minimize adverse effects on ecological processes through location where they

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will interfere with fluvial and limnal processes including gradient and substrate; recruitment of woody debris; and fish habitat, including that related to anadromous fish.

- c. Docks shall minimize reduction in ambient light level by limiting width to the minimum necessary and shall not exceed four (4) feet in width, except where specific information on use patterns justifies a greater width. Materials that will allow light to pass through the deck may be required including grating on walkways or gangplanks in nearshore areas.
 - d. Approaches shall utilize piers or other structures to span the entire upper foreshore to the point of intersection with stable upland soils and shall be design to avoid interfering with stream processes.
 - e. Pile spacing shall be the maximum feasible to minimize shading and avoid a wall effect that would block or baffle currents, sediment movement or movement of aquatic life forms, or result in structure damage from driftwood impact or entrapment.
 - f. Docks should be constructed of materials that will not adversely affect water quality or aquatic plants and animals in the long term.
 - g. Space for recreation activities other than those strictly water dependent (such as water sports) are prohibited over water.
9. Launch ramps may be permitted for access to the water for the public or for residents of a development for water dependent use subject to the following criteria:
- a. Launch ramps shall be located and designed to minimize adverse effects on fluvial and limnal processes including stream gradient, and substrate; recruitment of woody debris; and fish habitat, including that related to anadromous fish.
 - b. Ramps shall be placed and maintained near flush with the bank slope. Preferred ramp designs, in order of priority, are:
 - i. Open grid designs with minimum coverage of beach substrate;
 - A. Seasonal ramps that can be removed and stored upland;
 - B. Structures with segmented pads and flexible connections that leave space for natural beach substrate

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and can adapt to changes in beach profile.

10. Instream structures, such as, but not limited to, high flow bypasses, dams, and weirs, other than those regulated exclusively by the Federal Energy Regulatory Commission (FERC) shall be permitted only when the multiple public benefits are provided and ecological impacts are fully mitigated. Dams on shorelines of the state shall be regulated in accordance with the Shoreline Master Program.
 - a. Instream facilities locations shall avoid areas of high habitat value for aquatic organisms, specifically anadromous fish.
 - b. Instream facilities shall be designed to produce the least feasible effect on fluvial processes and shall minimize change in gradient.
 - c. Instream facilities shall provide mitigation of all impacts on aquatic species and habitat.
 - d. Instream facilities shall provide fish passage, in accordance with RCW 77.57.
 - e. Any adverse impacts on habitat functions and values are mitigated in accordance with Section 19.10.340.
 - f. A construction bond for 150% of the cost of the structure and all mitigation measures shall be filed prior to construction and a maintenance agreement shall specify responsibility for maintenance, shall incorporate the maintenance schedule specified by the design engineer, shall require annual inspections by a Civil Engineer licensed in the State of Washington and shall stipulate abandonment procedures which shall include, where appropriate, provisions for site restoration.
11. Facilities permitted as shoreline dependent or shoreline oriented uses in accordance with the City Shoreline Master Program, may be located in water bodies and buffers, provided that only those facilities that are water dependent or water oriented and facilities for necessary access may be located in water bodies and buffers and provided that the facility is located, designed, constructed and operated to minimize and, where possible, avoid sensitive area disturbance to the maximum extent feasible.
12. Clearing and grading, when allowed as part of an authorized use or activity or as otherwise allowed in these standards, may be permitted provided that the following shall apply:
 - a. Grading is allowed only during the designated dry season,

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which is typically regarded as May 1 to October 1 of each year, provided that the City may extend or shorten the designated dry season on a case-by-case basis, based on actual weather conditions.

- b. Appropriate erosion and sediment control measures shall be used at all times. The soil duff layer shall remain undisturbed to the maximum extent possible. Where feasible, disturbed topsoil shall be redistributed to other areas of the site.
- c. The moisture-holding capacity of the topsoil layer shall be maintained by minimizing soil compaction or reestablishing natural soil structure and infiltrative capacity on all areas of the project area not covered by impervious surfaces.

19.10.335 Habitat other than fish habitat

A. Definition and Buffers. Protection standards for fish and wildlife habitat conservation areas other than streams and lakes are as provided in the table below.

Fish and Wildlife Habitat Conservation Area	Buffer Requirement
<p>Areas with which federally listed threatened or endangered species have a primary association.</p> <p>State Priority Habitats and areas with which Priority Species have a Primary Association</p> <p>A primary association means a sensitive component(s) of the habitats of a species, which, if altered, may reduce the likelihood that the species will maintain and reproduce over the long term.</p>	<p>Buffers shall be based recommendations provided by the Washington Department of Fish and Wildlife PHS Program; provided that where no such recommendations are available, the buffer width shall be determined based on published literature concerning the species/habitat(s) in question and/or the opinions and recommendations of qualified professional with appropriate expertise.</p>
<p>Natural Area Preserves and Natural Resource Conservation Areas</p>	<p>Buffers shall be based on recommendations provided by site managers provided that the management strategies are considered effective and within the scope of this chapter.</p>
<p>Locally Important Habitat Areas</p>	<p>The need for and dimensions of buffers for locally important species or habitats shall be determined on a case by case basis.</p>

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Fish and Wildlife Habitat Conservation Area	Buffer Requirement
	<p>according to the needs of specific species or habitat area of concern. The city administrator and/or his/her designee shall coordinate with the Washington Department of Fish and Wildlife and other State, Federal or Tribal exerts in these instances, and shall use WDFW PHS management recommendations when available.</p>

- B. Alterations that occur within a locally important habitat area or that may affect a locally important species as defined herein shall be subject to review on a case-by-case basis. The city administrator and/or his/her designee shall have the authority to require an assessment of the effects of the alteration on species or habitats and may require mitigation to ensure that adverse effects do not occur. This standard is intended to allow for flexibility and responsiveness with regard to locally important species and habitats.
- C. Wildlife Corridors. Corridors providing for migration to and from areas outside the Urban Growth Area are provided in the Core Stream and Wetland Complex. Specific standards include:

Stream, Wetland or other Corridor Feature	Corridor Requirements and Management Measures
Rock Creek/Lake Sawyer/Ravensdale Creek to the north and northeast	<ul style="list-style-type: none"> o All new bridges shall provide for animal passage including height sufficient for large mammals and width sufficient for a minimum 15 foot corridor adjacent to OHWM on at least one side o Existing Rock Creek/Abrams Road bridge shall be replaced at the time of development of lands served by the bridge to meet the same standards. o Existing Rock Creek/Roberts Road bridge should be replaced to meet the same bridge standards when programmed as part of capital improvement program
Jones Lake/Jones Creek to the east	<ul style="list-style-type: none"> o All new bridges shall provide for animal passage including height sufficient for large mammals and width sufficient for a minimum 15 foot corridor adjacent to OHWM on at least one side o Existing Jones Creek/SR 169 bridge should be replaced to meet the same bridge standards when substantial improvements are made to the road, or when programmed as part of other improvements, or as part of fish passage programs.
Black Diamond Lake/Black Diamond Creek to the	<ul style="list-style-type: none"> o Minimum corridor width of 450' shall extend to the south west boundary of the UGA along the general alignment of Black Diamond Creek following designated wetlands

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Stream, Wetland or other Corridor Feature	Corridor Requirements and Management Measures
southeast	<ul style="list-style-type: none"> o All new bridges shall provide for animal passage including height sufficient for large mammals and width sufficient for a minimum 15 foot corridor adjacent to OHWM on at least one side o Existing bridge on Chub Lake Road creek shall be replaced at the time of development of lands served by the bridge to meet the same standards.

19.10.337 Fish and wildlife habitat conservation areas - Review and reporting requirements

The following provisions shall apply in addition to the Sensitive Area report requirements of 19.10.130:

- A. When City sensitive area maps or Washington Department of Fish and Wildlife Priority Species and Habitat information, or other sources of credible information indicate that a site proposed for development or alteration is more likely than not to contain fish and wildlife habitat conservation areas or is within the buffer of a fish and wildlife habitat conservation area, the city administrator and/or his/her designee shall require a site evaluation (field investigation) by a qualified professional or other measures to determine whether or not the species or habitat is present and if so, its relative location in relation to the proposed project area or site.
 - 1. If no fish and wildlife habitat conservation areas are present, then review will be considered complete.
 - 2. If the site evaluation determines that the species or habitat is present, the city administrator and/or his/her designee may require a sensitive areas assessment report.
- B. The city administrator and/or his/her designee may waive the report requirement for a single-family development that involves less than 2,000 square feet of clearing and/or vegetation removal and will not directly disturb the designated stream or pond buffer area, designated species, or specific areas or habitat features that comprise the fish and wildlife habitat conservation area (nest trees, breeding sites, etc.) as indicated by a site plan or scaled drawing of the proposed development, except in the case of Bald Eagle Habitat.
- C. The sensitive areas report shall describe the characteristics of the subject property and adjacent areas. The assessment shall include the following:
 - 1. Existing physical features of the site including buildings, fences, and other structures, roads, parking lots, utilities, water bodies, etc;

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2. Determination of the resource category and standard buffers;
3. Identification of sensitive areas and buffers within three hundred (300) feet of the site and an estimate of the existing approximate acreage for each. The assessment of off-site resources shall be based on available information and shall not require accessing off-site properties if permission of the property owner cannot be obtained;
4. Proposed development activity.
5. A detailed description of the effects of the proposed development on ecological functions and buffer function and value, including the area of direct disturbance; area of buffer reduction or averaging including documentation that functions and values will not be adversely affected by the reduction or averaging; effects of storm water management; proposed hydrologic alteration including changes to natural drainage or infiltration patterns; effects on fish and wildlife species and their habitats; clearing and grading impacts; temporary construction impacts; and effects of increased noise, light or human intrusion.
6. Provisions to reduce or eliminate adverse impacts of the proposed development activities including, but not limited to:
 - a. Clustering and buffering of development,
 - b. Retention of native vegetation,
 - c. Access limitations, including fencing.
 - d. Seasonal restrictions on construction activities in accordance with the guidelines developed by the Washington Department of Fish and Wildlife, the US Army Corps of Engineers, the Salmonid Recovery Plan and/or other agency or tribe with expertise and jurisdiction over the subject species/ habitat, and
 - e. Methods to reduce proximity impacts
 - f. Other appropriate and proven low impact development techniques.

19.10.340 Mitigation Requirements

A. **Impacts and Mitigation.** Activities that adversely affect fish and wildlife habitat conservation areas and/or their buffers should generally be avoided through site design, including clustering. Unavoidable impacts to designated species or habitats shall be compensated for through habitat creation, restoration and/or enhancement to achieve no net loss of habitat functions and values in accordance with the purpose and goals of this

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- B. **Alterations.** A fish and wildlife habitat conservation area may be altered only if the proposed alteration of the habitat or the mitigation proposed does not degrade the quantitative and qualitative functions and values of the habitat. All new structures and land alterations shall be prohibited from fish and wildlife conservation areas, except in accordance with this chapter.
- C. **Mitigation plan.** A mitigation plan will be required for all proposed fish and wildlife conservation area alterations or to mitigate unavoidable adverse impacts to the habitat functions and values resulting from a proposed action. Mitigation plans shall be prepared in accordance with the requirements of Section 19.10.140. The mitigation plan for habitat areas provide sufficient information to demonstrate that the proposed activities are logistically feasible, constructible, ecologically sustainable, and likely to succeed. Specific information to be provided in the plan shall include, but not be limited to:
 - 1. General description and scaled drawings of the activities proposed including, but not limited to, clearing, grading/excavation, drainage alterations, planting, invasive plant management, installation of habitat structures, irrigation, and other site treatments associated with the development activities and proposed mitigation action(s);
 - 2. A description of the functions and values that the proposed mitigation area(s) shall provide, together with a description of required and an assessment of factors that may affect the success of the mitigation program; and
 - 3. A description of known management objectives for the species or habitat.
- D. **Non-indigenous species.** Any plant, wildlife, or fish species not indigenous to the region shall not be introduced into a fish and wildlife conservation area unless authorized by a state or federal permit or approval.
- E. **Mitigation standard.** Mitigation of alterations to fish and wildlife conservation areas shall achieve equivalent or greater biologic and hydrologic functions and shall include mitigation for adverse impacts upstream 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.
- F. **Timing.** Required mitigation shall be completed as soon as possible following activities that will disturb fish and wildlife habitat conservation

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areas and during the appropriate season. Mitigation shall be completed prior to use or occupancy of the activity or development. Construction of mitigation projects shall be timed to reduce impacts to existing wildlife and flora.

G. **Monitoring.** The city administrator and/or his/her designee shall have authority to require monitoring of mitigation activities and submittal of annual monitoring reports to ensure and document that the goals and objectives of the mitigation are met. The frequency and duration of the monitoring shall be based on the specific needs of the project as determined by the administrator.

H. **Mitigation and contiguous corridors.** Mitigation sites shall be located to preserve or achieve contiguous fish and wildlife habitat corridors in accordance with a mitigation plan that is part of an approved sensitive area report to minimize the isolating effects of development on fish and wildlife conservation areas, so long as mitigation of aquatic habitat is located within the same aquatic ecosystem as the area disturbed.

19.10.400 Geologically Hazardous Areas

BMC 19.10.400 through BMC 19.10.440 pertain to geologically hazardous areas.

19.10.405 Designation and Mapping.

A. **Designations.** Geologically hazardous areas include the following:

1. Erosion hazard areas. Erosion hazard areas are those areas with soils identified by the U.S. Department of Agriculture's Natural Resources Conservation Service as having a "moderate to severe," "severe," or "very severe" rill and inter-rill erosion hazard.
2. Landslide hazard areas. Landslide hazard areas are areas potentially subject to landslides based on a combination of geologic, topographic, and hydrologic factors. They include areas susceptible due to any combination of bedrock, soil, slope (gradient), slope aspect, structure, hydrology, or other factors. These may include the following:
 - a. Areas of historic failures, such as areas that have shown evidence of historic failure or instability, including but not limited to back-rotated benches on slopes; areas with structures that exhibit structural damage such as settling and racking of building foundations; and areas that have toppling, leaning, or bowed trees caused by ground surface movement;;
 - b. Those areas delineated by the U.S. Department of Agriculture's Natural Resources Conservation Service as

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- having a "severe" limitation for building site development;
 - c. Those areas mapped by the Washington State Department of Natural Resources (slope stability mapping) as unstable (U or class 3), unstable old slides (UOS or class 4), or unstable recent slides (URS or class 5);
 - d. Areas with all three of the following characteristics:
 - i. Slopes steeper than fifteen percent (15%); and
 - ii. Hillsides intersecting geologic contacts with a relatively permeable sediment overlying a relatively impermeable sediment or bedrock; and
 - iii. Springs or ground water seepage;
 - e. Areas potentially unstable because of rapid stream incision, stream bank erosion, and undercutting;
 - f. Any area with a slope of forty percent (40%) or steeper and with a vertical relief of ten (10) or more feet except areas composed of consolidated rock. A slope is delineated by establishing its toe and top and is measured by averaging the inclination over at least ten (10) feet of vertical relief.
 - g. Areas that are at risk of mass wasting due to seismic forces.
3. Mine hazard areas. Mine hazard areas are those areas underlain by or affected by mine workings such as adits, gangways, tunnels, drifts, or airshafts, and those areas of probable sink holes, gas releases, or subsidence due to mine workings. These are further described below in terms of degree of hazard.
 4. Seismic Hazard Areas: Areas subject to severe risk of damage as a result of earthquake-induced ground shaking, slope failure, soil liquefaction or surface faulting including:
 - a. Areas subject to surface faulting during a seismic event;
 - b. Areas with underlying deposits indicative of a risk of liquefaction during a seismic event;
 - c. Areas subject to slope failure during a seismic event;

Seismic hazards shall be as identified in Washington State Department of Natural Resources seismic hazard maps for Western Washington and other geologic resources.

B. Mapping. The approximate location and extent of known geologically hazardous areas are shown on the Black Diamond Sensitive Areas Map(s). Those maps are resources for the identification of the probable location, extent and classification

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of sensitive areas. The criteria by which geological hazards are defined, and the results of field investigation shall prevail over information on the maps.

19.10.410 Development Standards – Landslide Hazard Areas:

A. Activities allowed in landslide hazard areas. The activities listed below are allowed in landslide hazardous areas in addition to those activities listed in, and consistent with, the provisions and activities established in Section 19.10.060, in accordance with the review provisions below.

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1. Activities and facilities that do not require prior review or approval, provided, that where the city administrator and/or his/her designee determines such activities may result in a loss of functions and values of a wetland or its buffer the provisions of (B) or (C) shall apply. These activities include.

a. Outdoor recreational or educational activities that do not remove vegetation or displace soils or install facilities, other than temporary or small scale structures that will be abandoned in the case of earth movement.

b. The harvesting of 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, chemical applications, or alteration of the wetland by changing existing topography, water conditions, or water sources.

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2. Actions that can be planned and programmed in advance requiring notification and review in accordance with Section 19.10.060.B.2.

a. Overhead utility lines that span the landslide hazard areas or that involve poles installed without soil movement for access roads.

b. Trails may be permitted within a landslide area if the trails does not exceed 4 feet in width, shall not exceed 18 inches of cut or fill and shall be surfaced with gravel or pervious material, including boardwalks;

3. Uses and activities that shall be reviewed by a full permit process include:

a. Utility lines and pipes shall be permitted in landslide hazard areas only when the applicant demonstrates that no other practical alternative is available. The preferred design is for a line or pipe to be located above ground and properly anchored and/or designed so that it will continue to function in the event of an underlying slide. Stormwater conveyance

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shall be allowed only through a high-density polyethylene pipe with fuse-welded joints, or similar product that is technically equal or superior;

- b. Roads, driveways and other vehicular access, trails and walkways, may be permitted to serve existing lots and existing development, only if the applicant demonstrates that
 - i. No other feasible alternative exists, including through the provisions of RCW 8.24, and
 - ii. If analysis by a qualified professional establishes compliance with the standards in subsection C, below.
- c. Alteration of a landslide hazard area and buffer in order to accommodate structures or land alteration may be authorized only in cases where the city administrator and/or his/her designee finds that
 - i. Reasonable development cannot be accommodated on portions of the site not subject to landslide hazards and buffers, and
 - ii. If analysis by a qualified professional establishes compliance with the standards in subsection C, below.
- d. Point discharges from surface water facilities and roof drains onto or upgradient from an erosion or landslide hazard area shall be prohibited.
- e. Vulnerable facilities, including, but not limited to, schools, nursing homes, hospitals, police, fire and emergency response installations, and installations that produce, use, or store hazardous materials shall not be located in landslide hazard areas if there is a feasible alternative location outside the hazardous areas that would serve the intended service population. A facility may be allowed only subject to the standards in subsection (C), below.

B. Buffer requirement. A buffer shall be established from all edges of landslide hazard areas. The size of the buffer shall be determined by the city administrator and/or his/her designee to eliminate or minimize the risk of property damage, death, or injury resulting from landslides, based upon review of and concurrence with a sensitive area report prepared by a qualified professional.

- 1. **Minimum buffer from the top of a slope.** The minimum buffer from the top of a slope shall be designed to protect persons and property from damage due to catastrophic slope failure and slope

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retreat over the lifetime of the use and provide an area of vegetation to promote shallow stability, control erosion and promote multiple benefits to wildlife and other resources. The minimum dimension of the buffer shall be equal to the greater of:

- a. Shall be equal to the height of the slope (the vertical distance from the toe of slope to the top of slope, for a 40% or greater slope, this shall be from the top of the portion of the slope which is a 40% slope, provided that another 40% slope is not located within the buffer area, in that case, the buffer shall be located from the top of the highest 40% slope).
 - b. The distance from the top of slope equal to the distance from the toe of slope upslope at a slope of 2:1 (horizontal to vertical) to a point that intersects with the site's ground elevation., or
 - c. Fifty (50) feet from the top of the slope.
2. **Minimum buffer from the bottom of a slope.** The minimum buffer from the bottom of a slope shall provide for safety of persons and property from the run-out resulting from slope failure and shall be the greater of:
- a. The height of the slope, or
 - b. 50 feet from the toe of the slope.
3. **Minimum buffer from the side of a slope.** The minimum buffer from the bottom of a slope shall provide for safety of persons and property from the run-out resulting from slope failure and shall be the greater of:
- a. 25 feet from the toe of the slope, or.
 - b. A triangular area that extends from the edge of the top of the slope outward at a 1:3 angle (one horizontal foot to three vertical feet)
4. **Buffer reduction.** The buffer may be reduced to a minimum of ten (10) feet when a qualified professional demonstrates to the satisfaction of the city administrator and/or his/her designee that the reduction will adequately protect the proposed development, adjacent developments, proposed uses and the subject sensitive area and meet the development standards in subsection C.
5. **Increased buffer.** The buffer may be increased where the city administrator and/or his/her designee determines through best available science documented in a sensitive area report prepared by

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a qualified professional that a larger buffer is necessary to prevent risk of damage to proposed and existing development or to meet the development standards in subsection C.

C. Criteria and Design Standards for Landslide Hazard Areas.

All uses and activities in landslide hazard areas shall conform to the following standards:

1. No use or alteration of a landslide hazard area and buffer may be authorized except where the city administrator and/or his/her designee finds that
 - a. reasonable development cannot be accommodated on portions of the site not subject to landslide hazards and buffers, and
 - b. if analysis by a qualified professional establishes compliance with the following standards, based on specific development plans:
 - i. The proposed development will not result in a risk of landslide that may affect development on the subject property or other properties in the vicinity, and will not result in a greater risk or a need for increased buffers on neighboring properties; For unconsolidated deposits, development shall not decrease the factor of safety for landslide occurrences below the limits of 1.5 for static conditions and 1.2 for dynamic conditions. Analysis of dynamic conditions shall be based on a minimum horizontal acceleration as established by the current version of the International Building Code.
 - ii. Measures to maintain slope stability, such as drainage systems, must be of a design that will assure operation without facilities requiring regular maintenance that would jeopardize stability if the facility fails.
 - iii. The development will not increase erosion or sedimentation risk on the site;
 - iv. The development will not increase surface water discharge or sedimentation to adjacent properties beyond pre-development conditions;
 - v. Such alterations will not adversely impact other sensitive areas;
 - vi. Structures shall be located on the least sensitive portion

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of the site and clustered where possible to reduce disturbance and removal of vegetation.

- vii. Structures will meet the following design standards:
 - (A) Grading shall minimize alterations to the natural contour of the slope,
 - (B) Foundations should conform to the natural contours of the slope and foundations should be stepped/tiered where possible to conform to existing topography of the site;
 - (C) Retaining walls shall be preferred over cut and fill and shall be incorporated into structures wherever feasible.
- viii. Landslide hazard areas on unconsolidated deposits with a gradient of 40 percent where the toe of slope is within the buffer area of a wetland, stream, pond or lake are not eligible for alteration of landslide hazard areas or but may be subject to alteration of buffers, subject to compliance with the standards of this chapter.

- 2. Division of land within or adjacent to landslide hazard areas and associated buffers shall be clustered to avoid landslide hazard areas and associated buffers. Land that is located partially within a landslide hazard area or its buffer may be divided provided that each resulting lot has sufficient buildable area outside of the landslide area and buffer with provision for access, drainage, erosion control and related features that will not adversely affect the stability of the landslide area.
- 3. Utility lines and pipes shall be permitted in erosion and landslide hazard areas only when the applicant demonstrates that no other practical alternative is available. The preferred design is for a line or pipe to be located above ground and properly anchored and/or designed so that it will continue to function in the event of an underlying slide. Stormwater conveyance shall be allowed only through a high-density polyethylene pipe with fuse-welded joints, or similar product that is technically equal or superior;
- 4. Roads, driveways and other vehicular access, trails and walkways, may be permitted only if the applicant demonstrates that no other feasible alternative exists, including through the provisions of RCW 8.24 and subject to the standards in 1., above. If access through a hazard area is granted, exceptions or deviations from technical standards for width or other dimensions, and specific

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construction standards to minimize impacts may be specified. Access roads and trails shall be engineered and built to standards that avoid the need for major repair or reconstruction beyond that which would be required in non-hazard areas and shall be:

- a. Located in the least sensitive area of the site.
 - b. Designed to minimize topographic modification with low gradients and/or parallel to the natural contours of the site.
 - c. Retaining walls shall be preferred over cut and fill slopes to minimize topographic modification.
 - d. Clearing and grading shall minimize ground disturbance to the maximum extent feasible to accommodate allowed development and generally shall not extend more than 10 feet beyond the approved development;
5. A qualified professional, licensed in the state of Washington, shall review project plans in landslide hazardous areas to ensure that they are properly designed and shall certify that they have inspected the construction of facilities and the facilities are constructed to incorporate all required facilities to meet the standards above, and no unanticipated features were identified during construction that change the design required to meet said standards. If any unanticipated features related to bedrock, soil, slope (gradient), slope aspect, structure, geologic contacts with a relatively permeable sediment overlying a relatively impermeable sediment or bedrock; hydrology including springs or ground water seepage or stream geomorphology relating to stream bank erosion or undercutting are identified during construction that were not anticipated in the initial review, the qualified professional shall be responsible for the cessation of work if the conclusions of the initial review are no longer valid and report to the city administrator and/or his/her designee.

19.10.415 Landslide Hazard Review and Reporting Requirements

- A. When sensitive area maps or other sources of credible information indicate that a site proposed for development or alteration is or may be located within a landslide hazard area the city administrator and/or his/her designee shall have the authority to require the submittal of a landslide hazard assessment report. The following provisions shall apply in addition to the Sensitive Area report requirements of 19.10.130:
- B. The landslide hazard assessment shall describe and evaluate the geologic characteristics of the subject property and adjacent areas. The landslide hazard

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assessment shall include field investigation and may include the analysis of historical aerial photographs, review of public records and documentation, and interviews with adjacent property owners. The report shall include the following, provided that the city administrator and/or his/her designee may determine that any portion of these requirements is unnecessary given the scope and/or scale of the proposed development:

1. A description of which areas on the site, surrounding areas that influence or could be influenced by the site, or areas within three hundred (300) feet of the site meet the criteria for a landslide hazard.
2. A scaled site plan showing:
 - a. The type and extent of landslide hazard areas, and any other sensitive areas, and buffers on, adjacent to or that are likely to impact or influence the proposal, including properties upslope of the subject site;
 - b. The location of existing and proposed structures, fill, access roads, storage of materials, and drainage facilities, with dimensions;
 - c. The existing site topography preferably accurate to within two-foot contours; and
 - d. Clearing limits.
3. A description of the site features, including surface and subsurface geology, hydrology, soils, and vegetation found in the project area and in all hazard areas addressed in the report. This may include surface exploration data such as borings, drill holes, test pits, wells, geologic reports, and other relevant reports or site investigations that may be useful in making conclusions or recommendations about the site under investigation;
4. A description of the processes affecting the property or affected by development of the property including geologic processes, soil or water erosion, deposition, or accretion;
5. A description of the vulnerability of the site to seismic and other geologic processes and a description of any potential hazards that could be created or exacerbated as a result of site development.

C. Analysis of potential risks shall include:

1. A description and analysis of the level of risk associated with no development on the landslide hazard area and buffers;
2. A description and analysis of the level of risk associated with alternative proposals for development within or with less setback

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from the area of landslide hazard including risk to future occupants of the subject property, adjacent property, other sensitive areas and the general public safety;

3. A description and analysis of the level of risk associated with the measures proposed to mitigate the hazards, ensure public safety, and protect property and other sensitive areas, including the risk of failure if structures, drainage systems or other facilities are not monitored, maintained, or cease to function as designed for any reasons;
4. A description and analysis of the level of risk associated with increased erosion or sedimentation risk on the site and potential effects on adjacent properties, water bodies and wetlands.
5. Assessments and conclusions regarding slope stability for both the existing and developed conditions including the potential types of landslide failure mechanisms (e.g., debris flow, rotational slump, translational slip, etc.) that may affect the site. The stability evaluation shall also consider dynamic earthquake loading, and shall use a minimum horizontal acceleration as established by the current version of the International Building Code;
6. Description of the potential run-out hazard of landslide debris related to the proposed development that starts upslope (whether part of the subject property or on a neighboring property) and/or the impacts of landslide run-out on down slope properties and sensitive areas;
7. For proposed development on unconsolidated deposits, analysis of whether the development results in a factor of safety for landslide occurrences below the limits of 1.5 for static conditions and 1.2 for dynamic conditions. Analysis of dynamic conditions shall be based on a minimum horizontal acceleration as established by the current version of the International Building Code.
8. The analysis shall include evaluation of stability under seismic conditions for both unconsolidated deposits and bedrock.

19.10.420 Development Standards – Erosion Hazard Areas:

A. **Activities allowed in erosion hazardous areas.** Erosion hazard areas have soil and slope conditions such that development must incorporate adequate control in order to avoid soil movement and potential impacts on downgradient resources, including water quality and aquatic habitat. Activities in erosion control areas shall be subject to the following standards.

B. **Landslide hazard areas.** Except as otherwise provided for in this chapter, only those activities approved and permitted consistent with an

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approved sensitive area report in accordance with this chapter shall be allowed in erosion or landslide hazard areas.

C. Development standards

1. Structures shall be located on the least sensitive portion of the site and clustered where possible to reduce disturbance and removal of vegetation.
2. Grading shall minimize alterations to the natural contour of the slope. Building foundations shall conform to the natural contours of the slope and be stepped/tiered to conform to existing topography of the site;
3. Retaining walls shall be preferred over cut and fill for roads, parking lots and structures. Structures on slopes in excess of 25% shall incorporate earth retaining structures in buildings rather than employing free-standing earth retention structures. d. Clearing and grading shall minimize ground disturbance to the maximum extent feasible and generally shall not extend more than 10 feet beyond the approved development;
4. All structures or impervious surface improvements shall be required to have on-site drainage systems to meet the specifications of the public works department to control conveyance of stormwater to avoid erosion hazard areas. Point discharges or overland dispersion systems from surface water facilities and roof drains onto or upstream from an erosion or landslide hazard area shall be prohibited from discharging onto slopes in excess of 5%. Conveyance should be provided to the foot of slopes..
5. Roads, driveways and other vehicular access, trails and walkways, shall be
 - a. Located in the least sensitive area of the site.
 - b. Designed to minimize topographic modification with low gradients and/or parallel to the natural contours of the site.
 - c. Retaining walls shall be preferred over cut and fill slopes to minimize topographic modification.

19.10.425 Erosion hazard area review and reporting requirements

A. When sensitive area maps or other sources of credible information indicate that a site proposed for development or alteration is or may be located within a erosion hazard area the city administrator and/or his/her designee shall have the authority to require the submittal of a erosion hazard assessment report. The following provisions shall apply in addition to the Sensitive Area report requirements of

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B. The erosion hazard assessment shall describe and evaluate the soil characteristics of the subject property and adjacent areas. The erosion hazard assessment shall include field investigation. The report shall include the following, provided that the city administrator and/or his/her designee may determine that any portion of these requirements is unnecessary given the scope and/or scale of the proposed development:

1. A description of areas on the site and the surrounding areas that influence or could be influenced by the site, or areas within three hundred (300) feet of the site meet the criteria for an erosion hazard.
2. A scaled site plan showing:
 - a. The type and extent of soils subject to erosion hazard, and any other sensitive areas, and buffers on, adjacent to or that are likely to impact or be impacted by the proposal, including surface water, wetlands and other downgradient features;;
 - b. The location of existing and proposed areas of clearing, structures, fill, access roads, storage of materials, and drainage facilities, with dimensions;
 - c. The existing site topography preferably accurate to within two-foot contours; and
 - d. Proposed erosion control and drainage control features and facilities.

C. Analysis of potential erosion and best management practices to control erosion:

1. A description and analysis of the level of erosion associated with no development within the erosion hazard area;
2. A description and analysis of the level of erosion associated with the proposal and alternatives;
3. A description and analysis of design features that could reduce erosion, including development standards within this section and other BMPs;
4. A description and analysis of the level of risk of sedimentation, degradation of water quality, impacts on aquatic species or other effects of the proposal and alternative design and BMPs.

19.10.430 Mine hazard areas:

A. Declassification of mine hazard areas. Areas underlain by mine workings may be declassified as a hazard area by the city administrator and/or his/her designee based on a detailed mine hazard study, field work, and completion of required

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mitigation to eliminate hazards of open workings, sinkholes, gas, fire and waste dumps and reduce the potential for settlement to 1:350 for ground tilt and 0.002 i/in strain such that hazards of mine workings are equivalent to lands not underlain by mines.

B. Activities allowed in mine areas of low hazard are defined as locations where:

- All workings are at a depth of more than three hundred feet or where a previous mine hazard assessment report has determined that all workings have collapsed or that potential subsidence is limited to no more than 1:350 for ground tilt and 0.002 i/in strain, and
 - No unmitigated openings such as entries, portals, adits, mine shafts, air shafts, timber shafts, sinkholes, improperly filled sinkholes, tailings and other areas of past or significant probability for catastrophic ground are within 100 feet of the location.
1. The city administrator and/or his/her designee may allow without a detailed hazard assessment:
 - a. Overhead utility lines;
 - b. Trails and passive recreation uses;
 - c. Mobile homes not on a rigid foundation
 - d. Construction of new buildings with less than 2,500 square feet of floor area or roof area, whichever is greater, and which are not residential structures or used as places of employment or public assembly;
 - e. Additions to existing residences that are 250 square feet or less; and
 - f. Installation of fences.
 2. All other uses may be allowed only if analysis by a qualified professional establishes compliance with the following standards, based on a specific risk assessment and remediation plans:
 - a. The risk of sinkhole development is reduced to a level no greater than other properties not affected by mine workings, and..
 - b. The risk of other public safety hazards related to underground workings and or waste dumps is reduced to a level no greater than other properties not affected by mine workings, and.
 - c. If the site could be subject to trough subsidence due to collapse of mine workings, remediation plans shall include

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site-specific design specifications that can accommodate calculated potential subsidence effects as required in development standards in Subsection D, below.

3. Vulnerable facilities, including, but not limited to, schools, nursing homes, hospitals, police, fire and emergency response installations, and installations that produce, use, or store hazardous materials shall not be located in mine hazard areas if there is a feasible alternative location outside the hazardous areas that would serve the intended service population. A facility may be allowed only subject to the standards in Subsection E, below.

B. **Activities allowed in mine areas of moderate hazard** defined as locations that pose significant risks of property damage that may be mitigated by implementing special engineering or architectural recommendations. These are locations that typically include, but are not limited to:

- Mine workings that are at a depth of 150 feet to 300 feet below the surface of the land, or
 - No unmitigated openings such as entries, portals, adits, mine shafts, air shafts, timber shafts, sinkholes, improperly filled sinkholes, tailings and other areas of past or significant probability for catastrophic ground are within 100 feet of the location.
1. The city administrator and/or his/her designee may allow without a detailed hazard assessment: overhead utility lines.
 2. All other uses may be allowed only if analysis by a qualified professional establishes compliance with the following standards, based on a specific risk assessment and remediation plans:
 - a. All entries, portals, adits, mine shafts, air shafts, timber shafts, sinkholes, improperly filled sinkholes and other areas of past or significant probability for catastrophic ground are mitigated in compliance with development standards in Subsection D;
 - b. The risk of sinkhole development is reduced to a level no greater than other properties not affected by mine workings, and..
 - c. The risk of other public safety hazards related to underground workings and or tailings is reduced to a level no greater than other properties not affected by mine workings, and.
 - d. If the site could be subject to trough subsidence due to

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collapse of mine workings, remediation plans include site-specific design specifications that can accommodate calculated potential subsidence effects as required in development standards in Subsection E, below.

3. Vulnerable facilities, including, but not limited to, schools, nursing homes, hospitals, police, fire and emergency response installations, and installations that produce, use, or store hazardous materials shall not be located in a moderate mine hazard areas if there is a feasible alternative location outside the hazardous areas that would serve the intended service population. A facility may be allowed only subject to the standards in Subsection D, below.

C. **Activities allowed in mine areas of severe hazard** defined as locations that pose a significant risk of catastrophic ground surface collapse. These are locations that typically include, but are not limited to:

- coal mine workings from a depth of less than one hundred fifty feet from the surface of the land,
- unmitigated openings such as entries, portals, adits, mine shafts, air shafts, timber shafts,
- sinkholes, improperly filled sinkholes and other areas of past or significant probability for catastrophic ground

1. All uses and activity require analysis by a qualified professional compliance with specific risk assessment and remediation plans and include:

- a. Remediation of hazards related to entries, portals, adits, mine shafts, air shafts, timber shafts, sinkholes, improperly filled sinkholes, mine tailings and other areas of past or significant probability for catastrophic ground are mitigated in compliance with development standards in Subsection (E) to a standard that reduces risk of personal injury and risk of damage to structures and public facilities to a level similar to lands not underlain by mine workings.

- b. The preferred use for areas of severe mine hazard are:

- i. Open space and passive recreation facilities with no public assembly,
- ii. Public facilities that must traverse the area, such as roads and utilities.

2. Vulnerable facilities, including, but not limited to, schools, nursing homes, hospitals, police, fire and emergency response installations,

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and installations that produce, use, or store hazardous materials are prohibited in such areas.

D. Performance standards

Development on or near a mine hazard area requires applicant to first demonstrate that hazards to health or safety, persons, or property at the proposed site as a result of the development is equivalent to land not underlain by mine workings. If a proposal is located on or near a mine hazard area, a study by a qualified professional geotechnical specialist may be required.

1. Development within mine hazard areas shall be accompanied by technical studies by qualified professionals that assess the potential risk from entries shafts and ventilation facilities, of potential future trough subsidence or sinkhole development due to collapse of abandoned coal mines and identifies specific measures to mitigate the risk in accordance with the criteria below:
 - a. Mine entries and shafts shall be permanently sealed using controlled backfill and/or grouting, or an approved, engineered seal and shall include permanently diversion of surface drainage away from the shaft or mine entry.
 - b. Existing sinkholes and shallow prospect excavations shall be backfilled to surface using controlled placement of suitable backfill and shall include permanently diversion of surface drainage away from existing sinkholes and prospect excavations.
 - c. Potential Sinkhole hazards shall be assessed by a qualified professional utilizing direct subsurface investigation that demonstrate coal mine workings either do not exist, or that the workings have collapsed so that there is no remaining potential for sinkhole development; or show that the hazards associated with any voids that are identified are fully mitigated by backfilling, grouting, or other approved means such that the potential for sinkhole development is eliminated.
 - d. Any mine tailings or other fill materials shall be:
 - i. Demonstrated to be stable through analysis by a qualified professional, or if such material does not meet stability criteria it shall be regarded or otherwise mitigated to meet stability criteria.
 - ii. If springs or seeps discharge from such areas, materials shall be removed or regraded to expose the source of

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the spring or seep.

- iii. Mine tailings or fill materials shall be covered with a minimum two feet of clean soil and be revegetated with native vegetation to control erosion, unless an alternative specific use has been approved.
- iv. Development shall not be permitted within 100 feet of tailings or fill materials that shows evidence of current or past combustion, unless combustible materials are removed.
- v. Development may be permitted over mine tailings or fill material only if a investigation and analysis by a qualified professional identifies feasible construction criteria for foundation stability and performance.
- e. Mine Gas hazards shall be mitigated by backfilling all mine entries, shafts, and sinkholes in and providing appropriate venting.
- f. Mine fire potential shall be assessed through analysis by a qualified professional. Development shall not be permitted within 100 feet of workings where investigations indicate the possible presence of combustion in the underlying seam or seams.

2. Every development shall include appropriate construction standards established by a qualified professional in accordance with the criteria below:

- a. Foundations shall be designed by a Washington State licensed structural engineer, with consideration of the subsidence effects documented for the site and the requirements of the International Building Code as provided by the criteria below:
 - i. Foundations and slabs on grade shall be designed to resist the ultimate forces for tension and/or compression as determined from the hazards report. The forces generated by subsidence effects of tilt and strain shall be treated as live loads with the appropriate load factors and/or factors of safety in design. Simultaneous friction drag force and lateral earth pressure loads shall be treated as earth pressure in load combinations.
 - ii. Ultimate passive soil pressure and distribution shall be assessed for all vertical surfaces in contact with

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foundation soil due to horizontal strain occurring from a subsidence and included in design specifications.

- iii. Utility lines shall not be rigidly connected to the foundation wall. A flexible joint shall be provided at the point of transition from soil support to building support for all utilities.
 - iv. Positive drainage shall be designed for positive gravity flow under the most sensitive predicted subsidence conditions.
- b. Roads and utilities shall be designed to accommodate the magnitudes of strains and tilts documented by technical studies through adequate strength to resist the forces of maximum predicted subsidence-related tilts and strains, or by adequate flexibility to accommodate the resulting deformations.
- i. Roadways shall be flexible material and shall be designed to maintain positive drainage with the maximum predicted subsidence.
 - ii. Bridges shall be designed to a factor of safety of 2 to accommodate maximum strains and tilts predicted.
 - iii. Water utilities shall be designed to provide for two times the maximum predicted tilts and strains, including service lines, structures, and related appurtenances.
 - iv. Sewer and storm drainage utility design shall provide for 1.5 times the maximum predicted tilts and strains, including service lines, structures, and related appurtenances. Design grades shall provide positive gradient after allowing for the maximum predicted subsidence.
 - vi. Storm drainage detention and retention facilities shall be designed to remain functional following the occurrence two times the maximum predicted tilts and strains. Such facilities may be located in mine hazard areas only if all risk of sinkhole development has been eliminated.
 - vii. Electric and gas cables and pipelines shall be designed to accommodate the maximum predicted tilts and strains with suitable safety factors applied to these

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magnitudes such that failure of the utility line will not present a risk to public safety. The applicant shall present certification from the respective private utility that utilities have been designed in accordance with the above.

19.10.435 Mine hazard review and reporting requirements

A mine hazard study shall be prepared by a qualified professional that addresses the information and criteria below, provided that the city administrator and/or his/her designee may accept and review a preliminary report with limited content to outline the potential hazard level and propose a suggested analysis methodology. The administrator may retain, at the applicant's expense, an independent qualified professional to perform a peer review of the mine hazard report.

- A. A mine hazard report shall contain all available documentary information about mine workings and the results of a surface reconnaissance that shall identify any public safety mine hazards, mine waste dumps, or evidence of mine subsidence or sinkholes and shall include:
 - 1. Historical mining data, including available copies of original mine records for mine workings.
 - 2. A map showing property boundaries, mine hazard boundaries, and any potential hazards identified on or within 300 feet of the property.
- B. Shallow hazards such as entry portals, shaft collars, ventilation shafts, prospects and mine waste dumps may be investigated by test pits or trenching, providing the method enables investigation to an adequate depth for the hazard being investigated.
- C. Site-Specific Evaluation of Potential Trough Subsidence
 - 1. Review of Available Records of original mine workings that could potentially influence the site by trough subsidence.
 - a. locations, depths, and thicknesses of such seams and workings
 - b. workings that could potentially influence the site shall be determined by projecting the downdip limit angle from the lowest limit of the documented workings to the ground surface. Mine workings are considered to potentially influence the property if the property lies within the line at which the limit angle intersects the ground surface.
 - 2. Subsurface conditions may be evaluated by drilling. Drilling is the most acceptable method for providing information for reducing the

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Remaining Mine Height value used in subsidence calculations to less than the height of the original workings.

- a. Drillholes shall be logged continuously from 100 feet above to 20 feet below mine workings, including lithology at 5-foot intervals, drill fluid circulation, penetration rate, and free fall of the drill string.
 - b. Greater confidence will be placed in core drilling logs than rotary drilling logs.
 - c. As a guideline, a minimum of one drillhole penetrating each seam that could potentially cause trough subsidence at the site should be drilled for each 200 foot length of the adit, unless alternative spacing is demonstrated to provide adequate information concerning the workings.
 - d. Surface geophysics, or other indirect means, may be used to assist in projecting information between and beyond drillholes, but shall not be accepted as the sole method for evaluating the condition of underground mine workings and calculating Remaining Mine Height.
3. Calculation of Trough Subsidence Magnitudes, Tilts, and Strains shall be in accordance with the empirical function method of the British National Coal Board, as presented in their Subsidence Engineers' Handbook, adjusted to reflect the effects of inclined seams and a downdip limit angles encountered and shall be based on a conservative evaluation of site conditions developed from the review of available records, site investigation and subsurface exploration.
- a. Direct field evidence or a review of detailed mine records shall be used to calculate the subsidence factor, the downdip limit angle.
 - b. Remaining Mine Height shall be presumed to be equal to the seam thickness for the subsidence calculations unless evidence from drilling justifies modification.
 - c. The calculation of potential tilts and strains shall consider effects of individual panel widths and barrier pillar widths. If direct subsurface investigation indicates that the mine workings are fully collapsed, an estimate of potential surface settlements due to consolidation of rubble and loose material shall be made for the cumulative effect of all seams that could induce trough subsidence at the site.

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4. Site plans shall be prepared showing the proposed development and calculated magnitudes of potential subsidence, strains, and tilts at the property boundaries and at the locations of any proposed structures.
 - a. A map showing contours of potential subsidence magnitudes, strains, and tilts throughout the property shall be submitted for use in design of roads and utilities.
 - b. Appropriate recommendations shall be provided for structural and civil design requirements.

D. Site-Specific Evaluation: Potential Sinkhole Hazards

1. Review of Available Record shall be as in (1)(a) above.
2. Subsurface conditions for workings located within 150 feet of the ground surface shall be investigated by drilling.
 - a. Drillhole sites shall be selected at representative locations and at representative working depths. A minimum of five drillholes shall be drilled along the alignment of any linear structure, such as roads or utility lines designed to cross a mine hazard area. No fewer than one drillhole per acre shall be provided for a site.
 - b. Core drilling is preferred, but is not compulsory. Rotary drilling is an acceptable method provided it is used in combination with downhole geophysical logging, including caliper logs. Drilling shall penetrate immediately above and through the predicted workings locations to facilitate interpretation of the condition of the mine workings.
 - c. Drillholes shall be logged continuously throughout their length, including lithology at 5-foot intervals for rotary drillholes, drill fluid circulation, penetration rate, and free fall

19.10.440 Seismic Hazard Areas

Development may be allowed in seismic hazard areas when all of the following apply:

- A. If evaluation of site-specific subsurface conditions by a qualified professional demonstrates that the proposed development site is not subject to the conditions indicating seismic risk in, the provisions of this subsection shall not apply.
- B. If a site is subject to seismic risk, the applicant shall implement appropriate engineering design based on analysis by a qualified professional of the best available engineering and geological practices that either eliminates or minimizes the risk of structural damage or injury resulting from seismically induced

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settlement or soil liquefaction, including compliance with the following criteria:

1. Subdivision within a seismic hazard areas shall assure that each resulting lot has sufficient buildable area outside of the hazard area or that appropriate limitations on building and reference to appropriate standards are incorporated into subdivision approval and may be placed as restrictions on the face of the plat;
 2. Structures in seismic hazard areas shall conform to applicable analysis and design criteria of the International Building Code;
 3. Public Roads, bridges, utilities and trails shall be allowed when there are no feasible alternative locations and geotechnical analysis and design are provided that ensure the roadway, bridge and utility structures and facilities will not be susceptible to damage from seismic induced ground deformation. Mitigation measures shall be designed in accordance with the most recent version of the American Association of State Highway and Transportation Officials (AASHTO) Manual or other appropriate document.
- C. The city administrator and/or his/her designee may waive or reduce engineering study and design requirements for alterations in seismic hazard areas for:
1. Mobile homes;
 2. Additions or alterations to existing structures that do not increase occupancy or significantly affect the risk of structural damage or injury; and
 3. Buildings that are not dwelling units or used as places of employment or public assembly.

19.10.445 Seismic hazard review and reporting requirements

- A. When sensitive area maps or other sources of credible information indicate that a site proposed for development or alteration is or may be located within a geologically hazardous area the city administrator and/or his/her designee shall have the authority to require the submittal of a seismic hazard assessment report. The following provisions shall apply in addition to the Sensitive Area report requirements of 19.10.130:
- B. An existing conditions assessment and investigation to evaluate the geologic characteristics of the subject property and adjacent areas and their susceptibility to damage during a seismic event.
1. The seismic assessment shall include field investigation and may include the analysis of historical aerial photographs, review of public records and documentation, and interviews with adjacent property owners, provided that the city administrator and/or his/her designee may determine that any portion of these requirements is

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unnecessary given the scope and/or scale of the proposed development:

2. A description of the general surface and subsurface geology, hydrology, soils, and vegetation found in the project area, including faults and indicators of earth movement, past seismic events and other features that would affect the site response to seismic conditions. This may include surface exploration data such as borings, drill holes, test pits, wells, geologic reports, and other relevant reports or regional, local and site investigations that may be useful in making conclusions or recommendations about the site under investigation;
- C. A description of the vulnerability of the site and structures to seismic and other geologic processes and a description of any potential hazards that could be created or exacerbated as a result of site development.
1. Evaluation of the current design in terms of the risk of structural damage or injury resulting from seismically induced stress, settlement, soil liquefaction, and other processes.
 2. A description and evaluation of the best available engineering and geological practices that either eliminates or minimizes the risk of structural damage or injury resulting from seismic forces including public roads, utilities and other features.

19.10.500 Sensitive Aquifer Recharge Areas

A. Classification.

Aquifer recharge areas are categorized according to the following criteria.

1. Category I - Severe Aquifer Sensitivity. "Category I - Severe aquifer sensitivity" are those areas which provide rapid recharge with little protection, having highly permeable soils. The predominant soil series and types are those listed in Category I in Table 1.
2. Category II - Moderate Aquifer Sensitivity. "Category II - Moderate aquifer sensitivity" are those areas with aquifers present, but which have a surface soil material that encourages run-off and slows water entry into the ground. The predominant soil series and types are those listed as Category II in Table 1.
3. Category III - Slight Aquifer Sensitivity. "Category III - Slight aquifer sensitivity" are those areas of low ground water availability and whose soil series are derived from basaltic, andesitic, or sedimentary rock or ancient glacial till which are parent material for soils with more clays at the surface. These geological formations do not provide abundant ground water. The

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predominant soil series and types are those listed as Category III in Table 1.

Table 19.10.500.A – Aquifer Sensitivity Ratings for Soil Texture

Soil Texture ¹	DRASTIC Rating ¹	Sensitivity
Thin or Absent ³	10	Category I - Severe
Gravel	10	Category I - Severe
Sand	9	Category I - Severe
Peat	8	Category I - Severe
Shrink/Swell Clay	7	Category II - Moderate
Sandy loam	6	Category II - Moderate
Loam	5	Category II - Moderate
Silt loam	4	Category II - Moderate
Clay loam	3	Category III - Slight
Muck	2	Category III - Slight
Non-shrink/Swell Clay	1	Category III - Slight

1. The DRASTIC Index (Aller et.al. June 1987) was developed cooperatively between the National Water Well Association (NWWA; now the National Ground Water Association) and the U.S. Environmental Protection Agency (EPA) to rank soil types with respect to pollution transport potential.

Table 19.10.500.B – Aquifer Sensitivity Ratings for Soil Units

Soil Series Name & Map Unit Symbol	Category I Severe	Category II Moderate	Category III Slight
Alderwood gravelly sandy loam (Ag)		X	
Alderwood and Kitsop soils, very steep (AKF)		X	
Beausite gravelly sandy loam (Be)		X	
Bellingham silt loam (Bh)		X	
Buckley silt loam (Bu)		X	
Everett gravelly sandy loam (Ev)		X	
Mixed alluvial land (Ma)		X	
Norma sandy loam (No)		X	
Ragnar-Indianola association, sloping (RdC)		X	
Seattle muck (Sk)			X
Shalcar muck (Sm)			X

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B. Prohibited Uses and Criteria

1. The following new development proposals and alterations are not allowed on a site located in a category I sensitive aquifer recharge area:
 - a. Disposal of radioactive wastes, as defined in chapter 43.200 RCW;
 - b. Hydrocarbon extraction;
 - c. Commercial wood treatment facilities;
 - d. Class V injection wells, but limited to subclasses 5F01, 5D03, 5D04, 5W09, 5W10, 5W11, 5W31, 5X13, 5X14, 5X1S, 5W20, 5X28, and 5N24;
 - e. Underground storage tanks, including tanks exempt from the requirements of chapter 173-360 WAC, with hazardous substances, as defined in chapter 70.105 RCW, that do not comply with the requirements of chapter 173-360 WAC and K.C.C. Title 17;
 - f. Above ground storage tanks for hazardous substances, as defined in chapter 70.105 RCW, unless protected with primary and secondary containment areas and a spill protection plan;
 - g. Landfills for hazardous waste, or special waste, as defined in WAC173-303;
 - h. Wrecking yards;
 - i. Electroplating;
 - j. Solid waste handling and processing facilities
 - k. Dry cleaners, excluding drop-off only operations;
 - l. Landfills for municipal solid waste;
 - m. Transmission pipelines carrying petroleum or petroleum products;
 - n. Sand and gravel, and hard rock mining
 - o. Mining of any type below the upper surface of the saturated ground water that could be used for potable water supply;
 - p. Vehicle repair
 - q. Biological research

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- r. Chemical manufacturing, mixing and remanufacturing
 - s. Golf courses;
 - t. Cemeteries;
2. Except as otherwise provided in subsection C. of this section, the following new development proposals and alterations are not allowed on a site located in a category II sensitive aquifer recharge area: items (a) through (i) in subsection (B)(1) above.
 3. Except as otherwise provided in subsection C. of this section, the following new development proposals and alterations are not allowed on a site located in a category III sensitive aquifer recharge area: items (a) through (h) in subsection (B)(1) above.
- C. The following standards apply to development proposals and alterations that are substantial improvements on a site located in a sensitive aquifer recharge area:
1. The owner of an underground storage tank, including a tank that is exempt from the requirements of chapter 173 WAC, in a category I, II or III sensitive aquifer recharge area shall either bring the tank into compliance with the standards of chapter 173 WAC and or properly decommission or remove the tank; and
 2. A development proposal for new residential development, including, but not limited to, a subdivision, short subdivision, or dwelling unit, shall incorporate best management practices in order to infiltrate stormwater runoff to the maximum extent

19.10.600 Definitions.

Words not defined in this chapter shall be as defined in the city code, the Washington Administrative Code, or the Revised Code of Washington. Words not found in either code shall be as defined in the Webster's Third New International Dictionary, latest edition.

19.10.601 Adjacent – Immediately adjoining (in contact with the boundary of the influence area) or within a distance that is less than that needed to separate activities from sensitive areas to ensure protection of the functions and values of the sensitive areas. Adjacent shall be determined on a case by case basis and at the minimum shall include any activity or development located:

- A. On a site immediately adjoining a sensitive area;
- B. A distance equal to or less than the greatest potential sensitive area buffer width and building setback applicable to the

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resource;

- C. A distance equal to or less than one-half mile (2,640 feet) from a bald eagle nest;
- D. A distance equal to or less than three hundred (300) feet upland from a stream, wetland, or water body;
- E. Bordering or within the floodway, floodplain or channel migration zone; or
- F. A distance equal to or less than two hundred (200) feet from a sensitive aquifer recharge area.

19.10.602 Advance mitigation – Mitigation of an anticipated sensitive area impact or hazard completed according to an approved sensitive area report and prior to site development.

Agricultural activities – Agricultural uses and practices existing or legally allowed on the effective date of this ordinance on rural land or agricultural land designated under RCW 36.70A.170 including, but not limited to: Producing, breeding, or increasing agricultural products; rotating and changing agricultural crops; allowing land used for agricultural activities to lie fallow in which it is plowed and tilled but left unseeded; allowing land used for agricultural activities to lie dormant as a result of adverse agricultural market conditions; allowing land used for agricultural activities to lie dormant because the land is enrolled in a local, state, or federal conservation program, or the land is subject to a conservation easement; conducting agricultural operations; maintaining, repairing, and replacing agricultural equipment; maintaining, repairing, and replacing agricultural facilities, when the replacement facility is no closer to a sensitive area than the original facility; and maintaining agricultural lands under production or cultivation

19.10.603 Alteration – Any human induced change on a site, or in the vicinity that alters the existing condition and/or ecological functions and values of a sensitive area or its buffer. Alterations include, but are not limited to grading, filling, channelizing, dredging, clearing (vegetation), construction, compaction, excavation, or any other activity that changes the character of the sensitive area.

19.10.604 Anadromous fish – Fish that spawn and rear in freshwater and mature in the marine environment.

19.10.605 Applicant – A person who files an application for permit under this chapter and who is either the owner of the land on which that proposed activity would be located, a contract purchaser, has a valid easement of other right to utilize, or is a public utility or public agency with the right of eminent domain, or is the authorized agent of such a

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19.10.606 *Aquifer, sole source* – An area designated by the U.S. Environmental Protection Agency under the Safe Drinking Water Act of 1974, Section 1424(e). The aquifer(s) must supply fifty percent (50%) or more of the drinking water for an area without a sufficient replacement available.

19.10.607 *Best available science* – Current scientific information used in the process to designate, protect, or restore sensitive areas, that is derived from a valid scientific process as defined by WAC 365-195-900 through 925. Sources of best available science are included in Citations of Recommended Sources of the Best Available Science for Designating and Protecting Sensitive Areas published by the Washington State Office of Community Development.

19.10.608 *Best management practices (BMPs)* – Conservation practices or systems of practices and management measures that reflect the current scientific and technical consensus on the best or most effective means of addressing adverse effects upon a resource.

19.10.609 *Buffer or buffer zone* – An area that is contiguous to a sensitive area and provides an area for related ecological functions to take place including, but not limited to, the continued maintenance, functioning, and/or structural stability of a sensitive area and/or separates and protects the sensitive area from adverse impacts associated with adjacent land uses.

19.10.610 *Compensation project* – Actions that are necessary to replace project-induced sensitive area and buffer losses, including land acquisition, planning, construction plans, monitoring, and contingency actions.

19.10.611 *Compensatory mitigation* – Replacing project-induced losses or impacts to a sensitive area, and includes, but is not limited to, the following:

Restoration – Actions performed to reestablish functional characteristics and processes that have been lost by alterations, activities, or catastrophic events within an area that no longer provides such functions.

Creation – Actions performed to intentionally establish functional characteristics of an ecosystem at a site where it did not formerly exist.

Enhancement – Actions performed to improve the condition of existing degraded ecological functions so that the functions they provide are of a higher quality.

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19.10.612 Conservation easement – A legal agreement that the property owner enters into to restrict uses of the land. Such restrictions can include, but are not limited to, restrictions on use or specific facilities to protect resources such as water quality, wetland function, vegetation and habitat and may include passive recreation uses such as trails or scientific uses and may require specific measures to protect resources such as fences or other barriers. The easement is recorded on a property deed, runs with the land, and is legally binding on all present and future owners of the property, therefore, providing permanent or long-term protection.

19.10.613 Sensitive area tract – Land designated as a separate parcel and retained in an open condition in perpetuity for the protection of sensitive areas. Lands within this type of dedication may include sensitive areas and related buffers. Ownership may be vested in a private party, in undivided interest by lots in a subdivision, in a non-profit entity or a public entity.

19.10.614 Sensitive habitat- Habitat areas with which endangered, threatened, sensitive or monitored plant, fish, or wildlife species have a primary association (e.g., feeding, breeding, rearing of young, migrating). Such areas are identified herein with reference to lists, categories, and definitions promulgated by the Washington Department of Fish and Wildlife as identified in WAC 232-12-011 or 232-12-014; in the Priority Habitat and Species (PHS) program of the Department of Fish and Wildlife; or by rules and regulations adopted by the U.S. Fish and Wildlife Service, National Marine Fisheries Service, or other agency with jurisdiction for such designations.

19.10.615 Cumulative impacts or effects – The combined, incremental effects of human activity on ecological or sensitive areas functions and values. Cumulative impacts result when the effects of an action are added to or interact with other effects or actions in a particular place and within a particular time.

19.10.616 Developable area – A site or portion of a site that may be utilized as the location of development, in accordance with the rules of this chapter.

19.10.617 Development – Any activity upon the land consisting of construction or alteration of structures, earth movement, dredging, dumping, grading, filling, mining, removal of any sand, gravel, or minerals, driving of piles, drilling operations, bulkheading, clearing of vegetation, or other land disturbance. Development includes the storage or use of equipment or materials inconsistent with the existing use. Development also includes approvals issued by the city that binds land to specific patterns of use, including but not limited to, subdivisions, short

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subdivisions, zone changes, conditional use permits, and binding site plans. Development activity does not include the following activities:

- A. Interior building improvements.
- B. Exterior structure maintenance activities, including painting and roofing.
- C. Routine landscape maintenance of established, ornamental landscaping, such as lawn mowing, pruning and weeding.
- D. Maintenance of the following *existing* facilities that does not expand the affected area: septic tanks (routine cleaning); wells; individual utility service connections; and individual cemetery plots in established and approved cemeteries.

19.10.618 Development permit – Any permit issued by the [city/county], or other authorized agency, for construction, land use, or the alteration of land.

19.10.619 Erosion – The process whereby wind, rain, water, and other natural agents mobilize and transport particles.

19.10.620 Erosion hazard areas – At least those areas identified by the United State Department of Agriculture National Resources Conservation Service as have a “severe” rill and inter-rill erosion hazard.

19.10.621 Exotic – Any species of plants or animals, which are foreign to the planning area.

19.10.622 Fish habitat – Habitat that provides the life supporting and reproductive needs of a species or life stage of fish. Although the habitat requirements of a species depend on its age and activity, the basic components of fish habitat in rivers, streams, ponds, lakes, and nearshore areas include, but are not limited to, the following:

- A. Clean water and appropriate temperatures for spawning, rearing, and holding;
- B. Adequate water depth and velocity for migrating, spawning, rearing, and holding, including off-channel habitat;
- C. Abundance of bank and in-stream structures to provide hiding and resting areas and stabilize stream banks and beds;
- D. Appropriate substrates for spawning and embryonic development. For stream and lake dwelling fishes, substrates range from sands and gravel to rooted vegetation or submerged rocks and logs. Generally, substrates must be relatively stable and free of silts or fine sand;
- E. Presence of riparian vegetation that creates a transition zone,

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which provides shade, and food sources of aquatic and terrestrial insects for fish;

- F. Unimpeded passage (i.e. due to suitable gradient and lack of barriers) for upstream and downstream migrating juveniles and adults.

19.10.623 Flood or flooding – A general and temporary condition of partial or complete inundation of normally dry land areas from the overflow of inland waters and/or the unusual and rapid accumulation of runoff of surface waters from any source.

19.10.624 Floodplain – The total land area adjoining a river, stream, watercourse or lake subject to inundation by the base flood.

19.10.625 Formation – An assemblage of earth materials grouped together into a unit that is convenient for description or mapping.

19.10.626 Functions and values – Functions are processes or attributes provided by areas of the landscape (e.g. wetlands, rivers, streams, and riparian areas) The beneficial roles served by sensitive areas including, but are not limited to, water quality protection and enhancement, fish and wildlife habitat, food chain support, flood storage, conveyance and attenuation, ground water recharge and discharge, erosion control, wave attenuation, protection from hazards. Values are human perceptions of individual and social benefit associated with these functions and may include functional value for economic benefit, historical and archaeological value, aesthetic appreciation, educational, scientific, recreational or religious pursuits. These beneficial roles are not listed in order of priority.

19.10.627 Ground water – Water in a saturated zone or stratum beneath the surface of land or a surface water body.

19.10.628 Geologically Hazardous areas – Areas designated as geologically hazardous areas due to potential for erosion, landslide, seismic activity, mine collapse, or other geological condition.

19.10.629 Hazardous substances – Any liquid, solid, gas, or sludge, including any material, substance, product, commodity, or waste, regardless of quantity, that exhibits any of the physical, chemical or biological properties described in WAC 173-303-090 or 173-303-100.

19.10.630 Natural condition – Condition of the land, including flora, fauna, soil, topography, and hydrology that existed before the area and vicinity were developed or altered by human activity.

19.10.631 In-kind compensation – To replace sensitive areas with substitute areas whose characteristics and functions closely approximate

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those destroyed or degraded by a regulated activity. It does not mean replacement "in-category."

19.10.632 Isolated wetlands – Those wetlands that are outside of and not contiguous to any 100-year floodplain of a lake, river, or stream, and have no contiguous hydric soil or hydrophytic vegetation between the wetland and any surface water.

19.10.633 Infiltration – The downward entry of water into the immediate surface of soil.

19.10.634 Landslide hazard areas – Areas that are potentially subject to risk of mass movement due to a combination of geologic landslide resulting from a combination of geologic, topographic, and hydrologic factors. These areas are typically susceptible to landslides because of a combination of factors including: bedrock, soil, slope gradient, slope aspect, geologic structure, ground water, or other factors.

19.10.635 Monitoring – Evaluating the impacts of development proposals on the biological, hydrological, and geological elements of such systems and assessing the performance of required mitigation measures throughout the collection and analysis of data by various methods for the purpose of understanding and documenting changes in natural ecosystems and features, and includes gathering baseline data.

19.10.636 Native growth protection area (NGPA) – An area where native vegetation is preserved for the purpose of preserving ecological functions or preventing harm to property and the environment, including, but not limited to, controlling surface water runoff and erosion, maintaining slope stability, buffering and protecting plants and animal habitat;

19.10.637 Native vegetation – Plant species that are indigenous to the area in question.

19.10.638 Natural waters – Waters, excluding water conveyance systems that are artificially constructed and actively maintained for irrigation.

19.10.639 Non-indigenous – See "exotic."

19.10.640 Nonconforming –A use, development, structure or parcel that was lawfully constructed or established prior to the effective date of this code or amendments hereto, but which does not conform to present regulations or standards. For purposes of this code, a nonconforming parcel or lot shall be a single family residential lots within a subdivision filed within five years previous to the adoption of provisions of this code that render them non-conforming in compliance with RCW 58.17.17, or any other lots or parcels under contiguous ownership.

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19.10.641 Off-site compensation – To replace sensitive areas away from the site on which a sensitive area has been impacted.

19.10.642 On-site compensation – To replace sensitive areas at or adjacent to the site on which a sensitive areas has been impacted.

19.10.643 Out-of-kind compensation – To replace sensitive areas with substitute sensitive areas whose characteristics do not closely approximate those destroyed or degraded. It does not refer to replacement "out-of-category."

19.10.644 Practical alternative – An alternative that is available and capable of being carried out after taking into consideration, cost, existing technology, and logistics in light of overall project purposes, and having fewer impacts to sensitive areas.

19.10.645 Primary association area – The area used on a regular basis by, or is in close association with, or is necessary for the proper functioning of the habitat of a sensitive species. Regular basis means that the habitat area is normally, or usually known to contain a sensitive species, or based on known habitat requirements of the species, the area is likely to contain the sensitive species. Regular basis is species and population dependent. Species that exist in low numbers may be present infrequently yet rely on certain habitat types.

19.10.646 Priority habitat – Habitat type or elements with unique or significant value to one or more species as classified by the Department of Fish and Wildlife. A priority habitat may consist of a unique vegetation type or dominant plant species, a described successional stage, or a specific structural element (WAC 173-26-020(34)).

19.10.647 Project area – The area proposed to be disturbed, altered, or used by the proposed activity or the construction of any proposed structures. When the action binds the land, such as a subdivision, short subdivision, binding site plan, planned unit development, or rezone, the project area shall include the entire contiguous parcel owned or controlled by the applicant, at a minimum.

19.10.648 Qualified professional – A person with experience and training in the pertinent scientific discipline, and who is a qualified scientific expert with expertise appropriate for the relevant sensitive 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 the relevant field, and two years of related work experience.

- A. A qualified professional for terrestrial or aquatic habitats must have a degree in biology and professional experience related to the subject species.

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- B. A qualified professional for wetlands must have a degree in biology and professional experience related to wetlands and have passed a certification course.
- C. A qualified professional for a geological hazard must be a professional engineer or geologist, licensed in the state of Washington.
- D. A qualified professional for sensitive aquifer recharge areas means a hydrogeologist, geologist, engineer, or other scientist with experience in preparing hydrogeologic assessments.

19.10.649 Recharge – The process involved in the absorption and addition of water to ground water.

19.10.650 Relatively density – A method for evaluating the density of trees in relation to the theoretical maximum density for trees of the same size and species. It is preferable to a simple density (trees/acre) because it is a more accurate measure of occupied growing space and suppression mortality. Relative density equals the basal area of all trees in the stand divided by the square root of the quadratic mean diameter.

19.10.651 Repair or maintenance – An activity that restores the character, scope, size, and design of a serviceable area, structure, or land use to its previously authorized and undamaged condition. Activities that change the character, size, or scope of a project beyond the original design and drain, dredge, fill, flood, or otherwise alter sensitive areas are not included in this definition.

19.10.652 Restoration – Measures taken to restore an altered or damaged natural feature including:

- A. Active steps taken to restore damaged or altered ecological conditions, wetlands, streams, protected habitat, or their buffers to the functioning condition that existed prior to an unauthorized alteration; and
- B. Actions performed to reestablish structural and functional characteristics of the sensitive area that have been lost by alteration, past management activities, or catastrophic events.

19.10.653 Riparian habitat – Areas adjacent to aquatic systems(stream, lake or pond) that contain elements of both aquatic and terrestrial ecosystems that mutually influence each other. Riparian areas include those portions of terrestrial ecosystems that significantly influence exchanges of energy and matter with aquatic ecosystems (i.e., zone of influence). The width of these areas extends to that portion of the terrestrial landscape that directly influences the aquatic ecosystem by providing shade, fine or large woody material, nutrients, organic and

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inorganic debris, terrestrial insects, or habitat for riparian-associated wildlife. Riparian habitat areas include those riparian areas altered due to human development activities.

19.10.654 River – See “Watercourse”

19.10.655 Scientific process – A valid scientific process is one that produces reliable information useful in understanding the consequences of a decision. The characteristics of a valid scientific process are as follows:

- A. **Peer review.** The information has been sensitively reviewed by other qualified scientific experts in that scientific discipline.
- B. **Methods.** The methods that were used are standardized in the pertinent scientific discipline or the methods have been appropriately peer-reviewed to assure their reliability and validity.
- C. **Logical conclusions and reasonable inferences.** The conclusions presented are based on reasonable assumptions supported by other studies and are logically and reasonably derived from the assumptions and supported by the data presented.
- D. **Quantitative analysis.** The data have been analyzed using appropriate statistical or quantitative methods.
- E. **Context.** The assumptions, analytical techniques, data, and conclusions are appropriately framed with respect to the prevailing body of pertinent scientific knowledge.
- F. **References.** The assumptions, techniques, and conclusions are well referenced with citations to pertinent existing information.

19.10.656 Seismic hazard areas – Areas that are subject to severe risk of damage as a result of earthquake-induced ground shaking, slope failure, settlement, or soil liquefaction.

19.10.657 SEPA – Washington State Environmental Policy Act, Chapter 43.21C RCW.

19.10.658 Shorelands or shoreland areas – Those lands extending landward for two hundred feet (200 ft) in all directions as measured on a horizontal plane from the ordinary high water mark; floodways and contiguous floodplain areas landward two hundred (200) feet from such floodways; and all wetlands and river deltas associated with the streams, lakes and tidal waters which are subject to the provisions of Chapter 90.58 RCW.

19.10.659 Soil survey – The most recent soil survey for the local area or county by the National Resources Conservation Service, U.S. Department

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of Agriculture.

19.10.660 Species – Any group of animals classified as a species or subspecies as commonly accepted by the scientific community.

19.10.661 Species, endangered – Any fish or wildlife species that is threatened with extinction throughout all or a significant portion of its range and is listed by the state or federal government as an endangered species.

19.10.662 Species of local importance – Those species of local concern due to their population status or their sensitivity to habitat manipulation, or that are game species.

19.10.663 Species, priority – Any fish or wildlife species requiring protective measures and/or management guidelines to ensure their persistence as genetically viable population levels as classified by the Department of Fish and Wildlife, including endangered, threatened, sensitive, candidate and monitor species, and those of recreational, commercial, or tribal importance.

19.10.664 Species, threatened – Any fish or wildlife species that is likely to become an endangered species within the foreseeable future throughout a significant portion of its range without cooperative management or removal of threats, and is listed by the state or federal government as a threatened species.

19.10.665 Stream – See “Watercourse.”

19.10.666 Sub-drainage basin or subbasin – The drainage area of the highest order stream containing the subject property impact area. Stream order is the term used to define the position of a stream in the hierarchy of tributaries in the watershed. The smallest streams are the highest order (first order) tributaries. These are the upper watershed streams and have no tributaries of their own. When two first order streams meet, they form a second order stream, and when two second order streams meet they become a third order stream, and so on.

19.10.667 Unavoidable – Adverse impacts that remain after all appropriate and practicable avoidance and minimization have been achieved.

19.10.668 Water dependent – A use or portion of a use that cannot exist in a location that is not adjacent to the water, but is dependent on the water by reason of the intrinsic nature of its operations. A use that can be carried out only on, in, or adjacent to water. Examples of water dependent uses include ship cargo terminal loading areas; fishing; ferry and passenger terminals; barge loading, ship building, and dry docking

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facilities; marinas, moorage, and boat launching facilities; aquaculture; float plane operations; surface water intake; and sanitary sewer and storm drain outfalls.

19.10.669 Water resource inventory area (WRIA) – One of sixty-two (62) watersheds in the state of Washington, each composed of the drainage areas of a stream or streams, as established in Chapter 173-500 WAC on January 1, 1997, as amended hereafter.

19.10.670 Water table – That surface in an unconfined aquifer at which the pressure is atmospheric. It is defined by the levels at which water stands in wells that penetrate the aquifer just far enough to hold standing water.

19.10.671 Watercourse – Those areas where surface waters produce a defined channel or bed. A defined channel or bed is an area that demonstrates clear evidence of the annual passage of water and includes, but is not limited to, bedrock channels, gravel beds, sand and silt beds, and defined-channel swales. The channel or bed need not contain water year-round. This definition includes drainage ditches or other artificial water courses where natural streams existed prior to human alteration, and/or the waterway is used by anadromous or resident salmonid or other fish populations.

19.10.672 Well – A bored, drilled or driven shaft, or a dug hole whose depth is greater than the largest surface dimension for the purpose of withdrawing or injecting water or other liquids.

19.10.672 Wetlands – Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs and similar areas. Wetlands do not include those artificial wetlands intentionally created from non-wetland sites, including, but not limited to, irrigation and drainage ditches, grass-lined swales, canals, detention facilities, wastewater treatment facilities, farm ponds, and landscape amenities, or those wetlands created after July 1, 1990, that were unintentionally created as a result of the construction of a road, street, or highway. Wetlands may include those artificial wetlands intentionally created from non-wetland areas to mitigate the conversion of wetlands. For identifying and delineating a wetland, local government shall use the Washington State Wetland Identification and Delineation Manual.

19.10.674 Wetland edge – The boundary of a wetland as delineated based on the definitions contained in this chapter.

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SECTION 3 The Black Diamond Shoreline Master Program is amended to adopt these provisions in whole as a part of this Program, except that the permit, non-conforming use, appeal and enforcement provisions of the Sensitive Areas Ordinance shall not apply within shoreline jurisdiction.

SECTION 4. This Ordinance shall be in full force and effect five days after its passage, approval, posting and publication as provided by law. A summary of this Ordinance may be published in lieu of publishing the Ordinance in its entirety.

SECTION 5. If any provision of this Ordinance is determined to be invalid or unenforceable for any reason, the remaining provisions of this Ordinance shall remain in force and effect.

Introduced the ___ day of September, 2008.

Passed by a majority of the City Council at a meeting held on the _____ day of , 2008.

Mayor Howard Botts

Attest:

Brenda Streepy, City Clerk

APPROVED AS TO FORM:

Loren D. Combs, City Attorney

Published: _____

Posted: _____

Effective Date: _____

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EXHIBIT A
FINDINGS OF FACT

A. General Sensitive Areas Findings

1. The Growth Management Act requires the adoption of development regulations that protect sensitive areas designated in accordance with RCW 36.70A.170.
2. RCW 36.70A.172 requires local governments to give special consideration to the conservation and protection measures necessary to preserve or enhance anadromous fisheries.
3. Development may result in cumulative impacts to those functions and values of sensitive areas that contribute to and are necessary for a healthy natural environment and perceived quality of life.
4. The development of residences, businesses, shopping areas and other structures, and the clearing of land for accommodation of livestock and for such development all have the potential of adversely and significantly impacting the functions and values of sensitive areas.
5. The unwise development of resource lands or areas susceptible to natural hazards may lead to inefficient use of limited public resources, jeopardize environmental resource functions and values, subject persons and property to unsafe conditions, and affect the perceived quality of life.
6. It is more costly to remedy the loss of sensitive area functions and values than to conserve and protect them from loss or degradation.
7. In determining what sensitive areas are to be afforded a particular degree of protection, the City of Black Diamond has evaluated a wide range of the best science available with respect to the sensitive areas to make informed decisions that meet the intent of the Growth Management Act and that are also reflective of local needs. The sources of this best available science that were evaluated and included in this ordinance include the following:

August xx, 2008 Washington State Wetland Identification and Delineation Manual, (Ecology Publication #96-94 1997).

Washington State Wetland Rating System for Western Washington, (Ecology Publication #04-06-025).

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Wetland Mitigation in Washington State – Part 2: Guidelines for Developing Wetland Mitigation Plans and Proposals, April 2004 (Ecology Publication #04-06-013b).

Appendix 8-B *Wetland Language in a Sensitive Areas Ordinance* (April 2005).

Appendix 8-C *Guidance on Buffers and Ratios—Western Washington* (April 2005).

Wetland Replacement Ratios: Defining Equivalency, (Washington State Department of Ecology, 1992, Publication #92-08).

Sensitive Areas Assistance Handbook (CTED November 2003).

Appendix A, Example Code Provisions for Designating and Protecting Sensitive Areas.

Management Recommendations for Washington’s Priority Habitats: Riparian, Washington Department of Fish and Wildlife, 1997.

U.S. Geological Survey landslide hazard, seismic hazard, and volcano hazard maps.

Washington State Department of Natural Resources seismic hazard maps for Western Washington.

Washington State Department of Natural Resources slope stability maps.

Black Diamond Sensitive Areas Map.

8. Protection standards for one sensitive area often provide protection for one or more other sensitive areas.
9. Sensitive areas may also be protected by other actions by the City of Black Diamond, such as stormwater management standards, sensitive area restoration, and public education; and from other regulations, such as the Forest Practices Act, the Shoreline Management Act, and the State Environmental Policy Act.

B. Wetlands

1. Wetlands and streams are environmentally sensitive and serve

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numerous natural functions and values. These functions include: wildlife and fisheries habitat; water quality protection; flood protection; shoreline stabilization; stream flow; and ground water recharge and discharge. In many situations, these functions cannot be adequately replicated or replaced.

2. The scientific literature supports in the inclusion of protective buffers from wetlands to provide sediment control and nutrient inputs to wetlands, and to protect important wetland functions.
3. Wetlands are identified and rated according to the Washington State Wetland Identification and Delineation Manual and Washington State Wetland Rating System Western Washington, prepared by the Washington State Department of Ecology (Ecology).
4. The scientific literature supports protective buffers ranging from 25 to 300 feet of relatively intact native vegetation to adequately protect wetland functions and values.
5. Appropriate wetland mitigation ratios – ratios of areas of wetland replacement and enhancement to that altered or destroyed – are established in Wetland Mitigation Replacement Ratios: Defining Equivalency, published by Ecology, 1992.

C. Fish and Wildlife Habitat Conservation Areas

1. Fish and wildlife habitat conservation areas perform many important physical and biological functions that benefit the [jurisdiction] and its residents, including but not limited to: maintaining species diversity and genetic diversity; providing opportunities for food, cover, nesting, breeding and movement for fish and wildlife; serving as areas for recreation, education and scientific study and aesthetic appreciation; helping to maintain air and water quality; controlling erosion; and providing neighborhood separation and visual diversity within urban areas.
2. Wetlands and streams are environmentally sensitive and serve numerous natural functions and values. These functions include: wildlife and fisheries habitat; water quality protection; flood protection; shoreline stabilization; stream flow; and ground water recharge and discharge. In many situations these functions cannot be adequately replicated or replaced.
3. The scientific literature supports in the inclusion of protective

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buffers from streams to provide sediment control, nutrient inputs to downstream waters, large woody debris, and other functions important to riparian areas.

4. The Washington Department of Fish and Wildlife (WDFW) has prepared management recommendations for the preservation of priority habitat and species, which are based on the best available science, and include, in some instances, recommended protective buffer distances.
5. Salmonid and anadromous fish may be more impacted by development and human activity during some times than others. Such times are referred to as “fish windows,” which have been documented by WDFW.
6. DNR has classified watercourses according to a stream-typing system based on channel width, fish use, and perennial or intermittent status.
7. WAC 365-190-080(5) grants the City of Black Diamond the flexibility to make decisions in the context of local circumstances, and specifically excuses local jurisdictions from being required to protect “all individuals of all species at all time.”

D. Geologically Hazardous Areas

1. Geologically hazardous areas are subject to periodic geological events that result in loss of life and property, health, and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures, and impairment of the tax base, all of which adversely affect the public health, safety, and general welfare.
2. Geologic hazards may be exacerbated by development and human activity in sensitive areas, and impacts resulting from geologic hazards may be reduced by limiting development and human activity within or adjacent to the geologic hazard.
3. Some geologic hazards may be intensified during periods of consistent or heavy rainfall that results in ground saturation or surface water drainage flows.

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- , provided that the city administrator and/or his/her designee shall assure that preservation of isolated wetlands and associated buffers of less than ten thousand (10,000) square feet of combined wetland and buffer shall maintain effective wetland functions, or be mitigated as provided below.
- B. Wetlands and associated buffers of less than one thousand (1,000) square feet may be displaced when the wetland meets all of the following criteria, as documented in a wetland sensitive area study.
1. The wetland is not associated with a riparian corridor,
 2. The wetland is not part of a wetland mosaic and
 3. The wetland does not contain habitat identified as essential for local populations of priority species identified by Washington Department of Fish and Wildlife.
 4. Impacts of displaced wetlands are mitigated pursuant to Section 19.10.240.
- C. Category 3 and 4 wetlands between 1,000 and 4,000 square feet may be displaced without meeting the provisions of Section 19.10.240 regarding avoidance, minimization, rectification, and reducing and eliminating the impact over time, provided that the criteria in B, above are met and the wetland does not score 20 points or greater for habitat in the 2004 Western Washington Rating System.
- D. Preservation of isolated wetlands with a total area of the combined wetland and buffer of 10,000 square feet or less shall meet the following provisions, or if the said provisions cannot be demonstrated, as specified by the city administrator and/or his/her designee, they may be displaced and shall be mitigated as specified in Section 19.10.240.
1. Depressional wetlands recharged only by precipitation, interflow or groundwater shall be assured a source of recharge to maintain its hydrologic character through stormwater infiltration, or other means.
 2. Wetlands that have a potential to reduce flooding or erosion or has the potential and opportunity to maintain or improve water quality as evidenced by a score of at least 10 points on the applicable criteria of the Wetland Rating Form for Western Washington shall maintain a hydraulic connection to surface water that maintains effective wetland function for flood or erosion reduction or water quality and does not substantially alter the existing hydroperiod of the wetland.
 3. Wetlands that achieve a score of at least 20 points on the Habitat Functions criteria of the Wetland Rating Form for Western Washington shall maintain a connection to a linear corridor maintained as a stream buffer, a buffer associated with a geological hazard or other designated open space buffer sufficient to allow

movement of terrestrial wildlife to and from the wetland and buffer complex without interruption by roads, paved areas or buildings within 50 feet.



CITY OF BLACK DIAMOND
October 16, 2008 Meeting Agenda
25510 Lawson St., Black Diamond, Washington

7:00 P.M. – CALL TO ORDER, FLAG SALUTE, ROLL CALL

PUBLIC COMMENTS: Persons wishing to address the City Council regarding items of new business are encouraged to do so at this time. When recognized by the Mayor, please come to the podium and clearly state your name and address. Please limit your comments to 3 minutes. If you desire a formal agenda placement, please contact the City Clerk at 253-631-0351. Thank you for attending this evening.

PUBLIC HEARINGS: None

APPOINTMENTS, PRESENTATIONS, ANNOUNCEMENTS:

- 1.) Xterra Presentation

UNFINISHED BUSINESS: None

NEW BUSINESS:

- | | |
|--|----------------|
| 2.) AB08-100 – Xterra- Special Events Permit | Mr. Williamson |
| 3.) AB08-101 – Resolution Declaring Certain City Property Surplus | Mr. Williamson |
| 4.) AB08-103 – Resolution Authorizing Contract Amendment #1 – Berk and Associates | Mr. Pilcher |
| 5.) AB08-104 – Resolution Authorizing Reimbursement Agreement - Nestlé | Ms. Voelpel |
| 6.) AB08-105 – Ordinance Regarding Boating Regulations | Ms. Kiblinger |
| 7.) AB08-106 – Resolution Authorizing Process of Discussion/Evaluation – Cahill Short Plat | Mr. Nix |
| 8.) AB08-107 – Resolution Authorizing Amendment #1- Water System Plan Update | Mr. Boettcher |
| 9.) AB08-108 – Resolution Authorizing Property Access Occupancy and Use Agreement | Mr. Boettcher |

DEPARTMENT REPORTS:

MAYOR'S REPORT:

COUNCIL REPORTS:

ATTORNEY REPORT:

PUBLIC COMMENTS:

CONSENT AGENDA:

- 10.) **Claim Checks** – October 16, 2008 No. 32349, 32358 through 32397, 32401 through 32405, 32407 through 32451 (voided checks 32357, 32398 through 32400, 32406) in the amount of \$235,669.76.
- 11.) **Payroll Checks** - September 2008, No. 15220 through 15299 in the amount of \$278,954.34.
- 12.) **Minutes** – Council Meeting of October 2, 2008 and Workstudy Notes of October 1, 2008 and October 2, 2008.

EXECUTIVE SESSION: Labor Negotiations

ADJOURNMENT:

CITY COUNCIL AGENDA BILL

City of Black Diamond
Post Office Box 599
Black Diamond, WA 98010

ITEM INFORMATION			
SUBJECT: Xterra Black Diamond	Agenda Date: October 16, 2008		AB08-100
	Department/Committee/Individual	Created	Reviewed
	Mayor Howard Botts		
	City Administrator –Gwen Voelpel		
	City Attorney – Loren D. Combs		
	City Clerk – Brenda L. Streepy		X
	Finance – May Miller		
	Public Works – Dan Dal Santo		
	Economic Devel. – Andy Williamson	X	
	Police –		
Timeline:	Court – Kaaren Woods		
	Commander Kiblinger		
Attachments: Special Events Permit Application, 2.59.040 BDMC			
SUMMARY STATEMENT: Xterra Black Diamond needs Council approval to hold a multi-day event at the Lake Sawyer Park under a special event permit as stated in the Black Diamond Municipal Code 2.59.040 (see attached copy of code). This is the same event that was held earlier this year on the first weekend in August. The applicant would like to add the Saturday night camping for registered athletes to the event. They currently use Saturday to set up the course, install the sound system and set up first aid stations.			
COMMITTEE REVIEW AND RECOMMENDATION:			
RECOMMENDED ACTION: MOTION to adopt the Special Events permit from Xterra permitting a multi-day event held at Lake Sawyer Park.			
RECORD OF COUNCIL ACTION			
<i>Meeting Date</i>	<i>Action</i>	<i>Vote</i>	
October 16, 2008			



SPECIAL EVENT PERMIT APPLICATION

PERMIT NO. 08-0122

NAME OF ORGANIZATION OR NAME OF EVENT:

Xterra Black Diamond / Raise the Bar

SITE ADDRESS: undeveloped BIK. Diamond Park
(If structures will be erected and/or street ROW used, please attach 3 drawings noting locations and dimensions.)

DATE OF EVENT: Aug. 2, 2009 HOURS: 5am - 5pm

PURPOSE OF EVENT: off road triathlon

EST. ATTENDANCE: 300 CITY BUS. LICENSE:

PARKING PLANS: field at undeveloped BIK. Diamond Park + Sawyer Woods Elem.

SPECIAL FACILITY REQUIREMENTS:

CITY ASSISTANCE REQUIRED:

INSURANCE COMPANY:
(Proof of Ins. Required naming City of Black Diamond as co-insured if event is taking place on city property)

FOOD TO BE SERVED: YES NO SOUND SYSTEM: YES NO

SANITATION PLANS (Sani-cans, hand washing stations, etc): Sani-cans & hand washing Stations

PRODUCTS OR SERVICES TO BE SOLD:

CONTACT PERSON: Toby Mollett

MAILING ADDRESS: 21349 SE 299 Way Kent 98042

CONTACT PHONE: 206 7130080 FAX:

PURPOSE OF EVENT: Off road triathlon

EMAIL ADDRESS: t.mollett@pacweste.com

EMERGENCY CONTACT Patty Swedberg PHONE 206 779 7727

Toby L Mollett
SIGNATURE OF APPLICANT

10-10-08
DATE

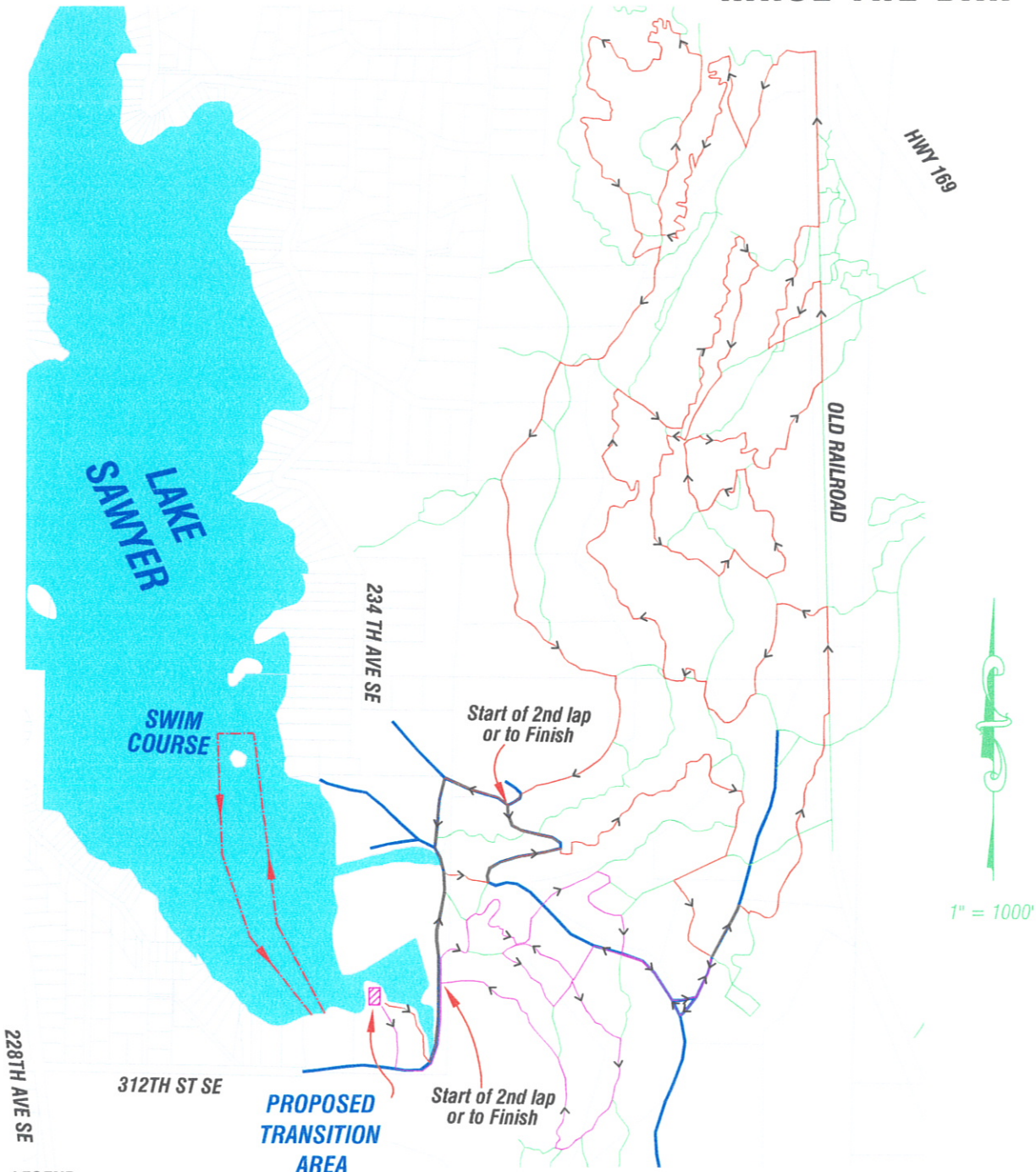
Additional information or requirements may be requested. Please allow 3 - 4 weeks for processing.



X TERRA

RTB

RAISE THE BAR



LEGEND

- - - SWIM ROUTE - 1,000 METERS
- BIKE ROUTE - 15 MILES
- RUN ROUTE - 4 MILES
- SINGLE TRACK TRAILS
- UNIMPROVED ROAD

AREA NOTES

1. BIKE AND RUN COURSE ROUTES WILL REMAIN ON EXISTING TRAILS AND UNIMPROVED ROADS
2. BIKE AND RUN COURSE ARE TWO LOOPS
3. COURSES ARE PRELIMINARY

XTERRA Off Road Triathlon
 Proposed by Raise the Bar LLC
 "XTERRA Black Diamond"

DRAWN BY: Toby Mollett



19621 SE 310th Pl
Covington, WA 98042
206-779-7727

City of Black Diamond Application for Special Event Permit

Event: XTERRA Black Diamond Off-road Triathlon

Location of Event: Please see the attached map. The race would take place on the proposed City of Black Diamond public park at Lake Sawyer, and on the privately owned trails east of Lake Sawyer.

Hours of Operation: Saturday, August 1, 2009 9am-5pm
Sunday, August 2, 2009 5am-5pm

Schedule of Events:

August 1st: Course and transition/vendor area set-up

August 2nd: 6:00 Registration, Athlete race prep

9:00 Race Begins - Swim

10:00 All swimmers out of water, swim course cleared, athletes transition to bikes

10:45 Leading athletes begin to return from bike course and transition to run

11:30 Leading athletes projected finish

1:30 All athletes off the course, awards, food

2:30 Course Clean-up begins

5:00 Event Conclusion, exit park

Estimated Attendance: 300 people comprised of athletes, spectators, volunteers, and race officials.

Special Facility Requirements: See attachment regarding parking, sanitation, traffic control, and other items related to Ordinance No. 07-834.

City Assistance Required: Emergency Medical Personnel requested for race day. Police assistance requested for spectator crossing at SE 312th St and 228th Ave. SE.



19621 SE 310th Pl
Covington, WA 98042
206-779-7727

In reference to the City of Black Diamond Ordinance No. 07-834, Raise the Bar LLC provides the following clarifications regarding the off-road Triathlon, XTERRA Black Diamond.

2.59.70 Insurance Required

Pending approval from the City of Black Diamond, Raise the Bar will apply to USA Triathlon for Event Sanctioning. When an event meets USAT's requirements in terms of safety, direction, volunteer support, and a plan for adherence to the rules of competition, a certificate of insurance is issued by USA Triathlon for the event. Coverage includes a minimum \$2,000,000 aggregate, and a minimum of \$1,000,000 for individual incidents provided by the American Specialties Insurance Company. The City of Black Diamond, the Kent School District (for parking purposes), and personal property owners of course land will be listed as additional insured, indemnifying those entities, their officers, employees, and agents from all causes of action, claims or liabilities occurring in connection with XTERRA Black Diamond.

All XTERRA Off-road triathlons nationwide are sanctioned by USA Triathlon, and there has never been an incident of refusal for sanctioning. Raise the Bar has never been denied sanctioning for any event, and fully anticipates moving through the process immediately upon the occasion of City approval.

City Approval is required prior to application for sanctioning.

2.59.100 Sanitation

The event site will be provided with an adequate amount of trash cans and Port-a-John facilities to keep the area clean. After the event the entire course and event area will be swept with a clean-up crew making sure the site is left in pristine condition. XTERRA participants and organizations are well-known for their attention to and appreciation of the protection of the environment.



Other conditions of Note:

Parking and Police Support

Raise the Bar requests that the city will allow 100 parking spaces to be provided for athletes, race officials, and spectators within the park. Overflow parking for spectators will be at Sawyer Woods Elementary School. Raise the Bar has been granted verbal approval for use of the parking lot on race day, and will file the appropriate documents with the Kent School District upon event approval. . Raise the Bar will provide "No-Parking" signs and a race volunteer along SE 312th Street to assure that no vehicles park along SE 312th between 228th Ave SE and the Event site. Spectators will proceed to walk to the event which is 0.4 miles east on Southeast 312th St.

Raise the Bar requests that the City of Black Diamond provide a law enforcement officer at the intersection of 228th Ave SE and SE 312 St for pedestrian safety, and that we meet with a department representative prior to the event to collaborate on a traffic/pedestrian plan.

Emergency Medical Support:

Raise the Bar requests provision from the city of Emergency Medical Personnel and an emergency vehicle on site to be available in the case of any injuries or incidents involving the athletes, volunteers, spectators, etc.

Raise the Bar would prefer to collaborate with the emergency personnel to specify a proper, effective emergency plan that we can communicate to race officials and volunteers prior to race day.

Raise the Bar values the experience and knowledge of the Black Diamond Police and Fire personnel and will be very grateful for their support to assure the public safety of this event.

Noise:

Raise the Bar anticipates great enthusiasm from athletes, volunteers, and spectators on race day. There will certainly be much cheering to be heard from the race site.

An important part of race day includes a race announcer who provides pre-race information as well as race and post-race commentary on a public address system. Announcements are also provided to the public and the athletes regarding issues of safety, parking, and regular recognitions of the sponsors and supporting agencies of the race. Music is also broadcast to provide a sense of excitement and fun for the event. A sound system will be in place in the transition area only (see map) and will be used from approximately 7:30AM – 1:30PM. The volume will be set at a level at which the information can be easily heard, and no louder.

Camping:

Raise the Bar requests that the City will allow tent camping for athletes within the park the night of August 1st, 2009. There will be a designated camping area which will limit the amount of athletes that could camp. Raise the bar will charge a fee for tent camping within the park that could go directly to the City of Black Diamond for the fund to develop the new park. All tents will be required to be put away by 6am the following morning.

Title 2 ADMINISTRATION AND PERSONNELChapter 2.59 SPECIAL EVENT PERMITS

2.59.040 Approval.

Based on the type of event and the event to which city services will be required, approval of special event permit applications will be made by the following authorities:

- A. Approval by City Staff. The city administrator shall be responsible for issuing the special events permit for one-day events occurring on a single site.
- B. Approval by City Council. The city council shall be responsible for approving all special events permits except those delegated to the city administrator in the previous subsection. A public hearing is required prior to the approval of a special event involving uses on a property that will be included within a master plan community.
- C. The city council will be notified of all special event approvals made by the city staff.
- D. If permits and/or coordination is required from other agencies, i.e., community transit, department of transportation, etc., these must be submitted prior to the issuance of the permit. (Ord. 834 § 1 (part), 2007)

[<< previous](#) | [next >>](#)

CITY COUNCIL AGENDA BILL

City of Black Diamond
Post Office Box 599
Black Diamond, WA 98010

ITEM INFORMATION			
SUBJECT: Resolution No. 08-545, authorizing certain personal property surplus to the needs of the City.	Agenda Date: October 16, 2008		AB08-101
	Department/Committee/Individual	Created	Reviewed
	Mayor Howard Botts		
	City Administrator –Gwen Voelpel		
	City Attorney – Loren D. Combs		
	City Clerk – Brenda L. Streepy		X
	Finance – May Miller		
	Public Works – Seth Boettcher		
	Economic Devel. – Andy Williamson	X	
	Police – Jamey Kiblinger		
Court – Kaaren Woods			
Cost Impact:			
Fund Source:			
Timeline:			
Attachments: Resolution No. 08-545, Exhibit A			
SUMMARY STATEMENT: Facilities Equipment Coordinator Kevin Esping has compiled a list of vehicles and office and technology equipment that have accumulated in the storage areas of the City. This resolution formally declares the property as surplus to the needs of the City and authorizes its disposal.			
COMMITTEE REVIEW AND RECOMMENDATION: 			
RECOMMENDED ACTION: MOTION to adopt Resolution No. 08-545, declaring certain City property surplus to the needs of the City and authorizing its disposal.			
RECORD OF COUNCIL ACTION			
<i>Meeting Date</i>	<i>Action</i>	<i>Vote</i>	
October 16, 2008			

RESOLUTION NO. 08-545

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
BLACK DIAMOND, KING COUNTY, WASHINGTON,
DECLARING CERTAIN CITY PROPERTY SURPLUS TO
THE NEEDS OF THE CITY**

WHEREAS, the City desires to dispose of personal property surplus to the needs of the City; and

WHEREAS, such property has accumulated over time in various storage areas; and

WHEREAS, all such property has been cataloged with all departments having the opportunity to review the listing; and

WHEREAS, City Council must deem the property to be surplus and authorize its disposal;

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND,
WASHINGTON, DOES RESOLVE AS FOLLOWS:**

Section 1. The listing of certain City property is hereby declared surplus to the needs of the City of Black Diamond, as attached hereto as Exhibit A.

Section 2. City Council authorizes staff to make items available for sale either by sealed bid, online auction or other reasonable and allowable means.

**PASSED BY THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND,
WASHINGTON, AT A REGULAR MEETING THEREOF, THIS 16TH DAY OF OCTOBER
2008.**

CITY OF BLACK DIAMOND:

Howard Botts, Mayor

Attest:

Brenda L. Streepy, City Clerk

Exhibit A

Item Number	Serial #	Description	\$ Rec.	City #	Disposition	Date	Signature
1	BL3A70FDC898	1998 Bayliner Trophy					
2	2FALP71W9VX113996	1997 Ford Crown Victoria #18					
3	2FALP71W7VX113995	1997 Ford Crown Victoria #17					
4	1FALP42T6RF144501	1994 Ford Mustang #30					
5	1FAFP71WXXX137689	1999 Ford Crown Victoria #31					
6	405222LAOWB000078	1998 Escort Boat Trailer					
7		10 Herman Miller Office Panels & Misc. Parts					
8		3 Drawer Metal File Cabinet					
9		8' Blue Reception Desk					
10		Small Oak Desk					
11		Beige Metal Desk					
12		Beige Metal Desk					
13		Wood Desk					
14		Stacking Metal Map Drawers					
15		Metal Desk					
16		Wood Desk					
17		Wood Desk					
18		Wood Desk					
19		Wood Desk					
20		Wood Desk					
21		Wood Desk					
22		Wood Desk					
23		Wood Desk					
24		Wood Desk					

Item #	Serial #	Description	\$ Rec.	City#	Disposition	Date	Signature
25		Metal Desk					
26		Metal Book Shelf					
27		Wood Desk					
28		Wood Computer Desk					
29		Wood Table					
30		Desk Top Book Shelf					
31		Cherry 4 Drawer File Cabinet					
32		Small Computer Desk					
33	V31577739	Sylvania 13" TV					
34		Green 4 Drawer File Cab					
35		Green 4 Drawer File Cab					
36		Gray 4 Drawer File Cab					
37	QFT9BD0604846	E-Machines Computer					
38		White Plastic 3 Drawer Cab					
39	15460564A	JVC TV/VCR Combo 20"		00461			
40	224BB	Dell Inspiron Computer					
41		Wall Mt. Paper Display Holder					
42		Wall Mt. Paper Display Holder					
43		Wall Mt. Paper Display Holder					
44		Office Chair					
45		Office Chair					
46		Office Chair					
47		Office Chair					
48	NH3612841N	Optimus VCR					
49	SG888110X4	HP Scan Jet 6200C (Scanner)					
50	01087988	Sears Typewriter					

Item	Serial #	Description	\$Rec.	Qty#	Disposition	Date	Signature
51		Office Chair					
52		Office Chair					
53		Office Chair					
54		Dirt Devil Vacuum					
55		Office Chair					
56		Office Chair					
57	HV99121	Dell Computer					
58	4463781	Gateway Computer					
59		2 Drawer Oak File Cabinet					
60		Wood Bookshelf					
61		Office Chair					
62		Office Chair					
63		Office Chair					
64		Office Chair					
65		Office Chair					
66		Office Chair					
67		Office Chair					
68		4 Zinik 20" Chrome Wheels Fits 245/35/zr 20 Ford					
69		Lanier Duel Cassette Deck					
70		Office Chair					
71		Office Chair					
72	006GA23NA106	Compag Monitor					
73	4892A051	Dell Computer					
74	My3BHH720J	HP All in one Printer					
75		2 Drawer Metal Cabinet					
76		3 Drawer Wood Cabinet					
77		3 Drawer White Cabinet					

78	3 Drawer Legal File Cabinet						
79	3 Drawer Letter File Cabinet						
80	3 Drawer Letter Oak File Cab						
81	Misc. Box Microphones/Wire						
82	Mauve Folding Chair						
83	Mauve Folding Chair						
84	Combination Safe						
85	16 Blue Office Partitions						
86	GE Microwave Oven						
87	Winco 45 KW Generator						

Disposition: R=Recycled

D=Destroyed/Dump

S=Sold

C=Charity/Donated

CITY COUNCIL AGENDA BILL

City of Black Diamond
Post Office Box 599
Black Diamond, WA 98010

ITEM INFORMATION			
SUBJECT: Resolution 08-546, authorizing the Mayor to sign Contract Amendment #1 with Berk & Associates to provide assistance to staff in completing the Capital Facilities Element of the Draft Comprehensive Plan	Agenda Date: October 16, 2008		AB08-103
	Department/Committee/Individual	Created	Reviewed
	Mayor Howard Botts		
	City Administrator –Gwen Voelpel		X
	City Attorney – Loren D. Combs		
	City Clerk – Brenda L. Streepy		
	Finance – May Miller		
	Public Works – Seth Boettcher		
	Economic Devel. – Andy Williamson		
	Police – Jamey Kiblinger		
Court – Kaaren Woods			
Comm. Development – Steve Pilcher	X		
Attachments: Resolution No. 08-546; Amendment #1, Memo from Berk & Assoc. dated 10/2/08			
SUMMARY STATEMENT: On December 21, 2006, the City Council passed Resolution 06-418, which authorized the Mayor to enter into a contract with Berk & Associates to develop a fiscal model for the City and assist staff in the preparation of the Capital Facilities Plan (CFP) Element of the Comprehensive Plan update. The original contract amount was for approx. \$65,000.00, of which all has been expended except for \$2,000.00. In discussions with Berk, it was determined they had been asked to perform some additional tasks which has now resulted in a funding shortage to complete work on the CFP. It is anticipated that a draft CFP will be completed in approximately 4 – 6 weeks. In order to keep costs as low as possible, staff intends to do as much of the final writing of the document as possible and use Berk primarily for their expertise in fiscal analysis.			
COMMITTEE REVIEW AND RECOMMENDATION:			
RECOMMENDED ACTION: MOTION to adopt Resolution 08-546, authorizing the Mayor to execute Amendment #1 to the Professional Services Agreement between Berk & Associates, and the City of Black Diamond.			
RECORD OF COUNCIL ACTION			
<i>Meeting Date</i>	<i>Action</i>	<i>Vote</i>	
October 16, 2008			

RESOLUTION NO. 08-546

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, KING COUNTY, WASHINGTON, AUTHORIZING THE MAYOR TO EXECUTE AMENDMENT #1 TO THE PROFESSIONAL SERVICES AGREEMENT WITH BERK & ASSOCIATES TO PROVIDE ASSISTANCE TO STAFF IN COMPLETION OF THE CAPITAL FACILITIES PLAN ELEMENT OF THE DRAFT COMPREHENSIVE PLAN

WHEREAS, on December 21, 2006, the City Council adopted Resolution 06-418, which authorized the Mayor to enter into a contract with Berk & Associates to develop a fiscal model for the City and prepare a draft Capital Facilities Plan element of the Comprehensive Plan; and

WHEREAS, original funding authorized under the contract has nearly been expended in full, due to additional work requested; and

WHEREAS, additional work is needed in order to complete the draft Capital Facilities Plan element and an amendment to the contract is therefore needed; and

WHEREAS, funding for this contract amendment is available through the YarrowBay Funding Agreement; and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. The Mayor is hereby authorized to sign the attached contract Amendment #1 with Berk & Associates for work related to the completion of a draft Capital Facilities Plan, to be included as an element of the City's Comprehensive Plan, for a cost not to exceed \$25,000.

PASSED BY THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, AT A REGULAR MEETING THEREOF, THIS 16TH DAY OF OCTOBER 2008.

CITY OF BLACK DIAMOND:

Howard Botts, Mayor

Attest:

Brenda L. Streepy, City Clerk

Amendment #1 to Professional Services Agreement between Berk & Associates, Inc. and the City of Black Diamond

This Professional Services Agreement Amendment is dated, October 16, 2008 and is entered into by and between:

CITY OF BLACK DIAMOND, WASHINGTON (the "City")
24301 Roberts Drive
PO Box 599
Black Diamond, WA 98010
Contact: Steve Pilcher, Community Development Director
Phone: 360-886-2560 Fax: 360-886-2592

and

Berk & Associates, Inc. ("Consultant")
120 Lakeside Avenue, Suite 200
Seattle, WA 98122
Contact:
Phone: 206-324-8760 Fax: 206-324-8965

This amendment authorizes the proposed scope of work, budget estimate, and schedule for the ongoing work to update the Capital Facilities Plan by Berk & Associates for the City of Black Diamond to include:

- Review General Administration guidelines and develop a list of project needs;
- Review Police and Fire policies and LOS standards and make alternative suggestions where needed by coordinating with the City and the Police and Fire Departments;
- Review and incorporate changes from the revised Water and Sewer plans into the CFP;
- Continue to work with the City to develop Park LOS standards and develop a project list to address future demand;
- Work with the City to develop approximate cost estimates of future facility needs;
- Conduct a funding analysis to identify revenue sources to fund City capital improvements in a financing plan;
- Prepare presentation materials for one meeting with the Planning Commission and one meeting with the City Council;

Project budget not to exceed \$25,000.00.

CITY OF BLACK DIAMOND

CONSULTANT

By: _____
Howard Botts

By: _____

Its: Mayor

Printed Name: _____

Date: _____

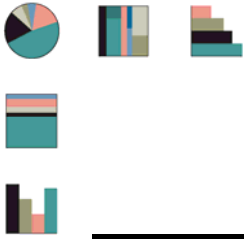
Its: _____

Attest:

Date: _____

By:

Brenda L. Streepy
CityClerk



MEMORANDUM

DATE: October 2, 2008
TO: Steve Pilcher, City of Black Diamond
FROM: Morgan Shook
RE: Remaining CFP Scope of Work, Budget, and Schedule

This memorandum describes a proposed scope of work, budget estimate, and schedule for the on-going work to update the Capital Facilities Plan on the behalf of the City of Black Diamond.

Scope of Work

Revise LOS Standards and Update CFP

- A series of on-going analyses and revisions to address areas in the Capital Facilities Plan related to:
 - Review General Administration guidelines and develop a list of project needs.
 - Review Police and Fire policies and LOS standards and make alternative suggestions where needed by coordinating with the City and the Police and Fire Departments.
 - Review and incorporate changes from the revised Water and Sewer plans into the CFP.
 - Continue to work with the City to develop Park LOS standards and develop a project list to address future demand.
 - Work with the city to develop approximate cost estimates of future facility needs.
 - Conduct a funding analysis to identify revenue sources to fund City capital improvements in a financing plan.
 - Prepare presentation materials for 1 meeting with the Planning Commission and 1 meeting with the City Council.

Proposed Budget and Schedule

Berk & Associates will perform the task identified above on a time and materials basis, not to exceed \$25,000. There is a current project balance of \$2,000; the addition of this amount brings the total project cost to \$27,000. We will also invoice for direct reimbursable expenses, including travel, printing, and telephone costs. Berk is prepared to begin work on the project immediately upon notice proceed and will develop a project plan that meets City expectations for a draft and final CFP.

Proposed Budget

Project Role	Berk & Associates			Total Hours and Estimated Cost by Task
	Principal	Senior Associate	Associate	
2008 Hourly Rate	\$240	\$130	\$100	

Revise LOS Standards and Update CFP

General Administration		5	10	
Police and Fire	8	10		
Parks	5	5	40	
Water/Sewer/Utilities		5	20	
Funding Analysis and Financing Plan		15	40	
Meetings (Materials1 Council, 1 Planning Commission)	10	20		
Subtotal	23	60	110	193 \$24,320
Total Estimated Hours	23	60	110	
Cost (Hours*Rate)	\$5,520	\$7,800	\$11,000	

Subtotal Consultant Cost	\$24,320
Project Expenses @ ~3% of project budget	\$680
Current Project Balance	\$2,000
Estimated Project Total	\$27,000

CITY COUNCIL AGENDA BILL

City of Black Diamond
Post Office Box 599
Black Diamond, WA 98010

ITEM INFORMATION			
SUBJECT: Resolution No. 08-547, authorizing the Mayor to execute a Reimbursement Agreement with Nestlé Waters North America for consultant costs associated with feasibility exploration	Agenda Date: October 16, 2008		AB08-104
	Department/Committee/Individual	Created	Reviewed
	Mayor Howard Botts		
	City Administrator –Gwen Voelpel	X	
	City Attorney – Loren D. Combs		X
	City Clerk – Brenda L. Streepy		
	Finance – May Miller		
	Public Works – Seth Boettcher		
	Economic Devel. – Andy Williamson		
	Police – Chief Kiblinger		
Court – Kaaren Woods			
Natural Resources – Aaron Nix			
Attachments: Resolution No. 08-547, Reimbursement Agreement, W-9, Vendor Profile Form			
<p>SUMMARY STATEMENT:</p> <p>In July, the City Council directed City staff to begin exploring the feasibility of siting a Nestlé Waters North America (NWNA) bottling plant in Black Diamond. NWNA is currently exploring the possibility of becoming a customer of the City for spring water. This agreement allows the City of Black Diamond to seek reimbursement from NWNA for amounts paid to outside consultants, including the City Engineer and City Attorney, for the feasibility phase. The agreement is for a maximum amount of \$25,000. It does not commit either party to any future obligations for the sale or purchase of spring water.</p>			
COMMITTEE REVIEW AND RECOMMENDATION:			
<p>RECOMMENDED ACTION: MOTION to adopt Resolution No. 08-547, authorizing the Mayor to execute a Reimbursement Agreement with Nestlé Waters North America for consultant costs associated with feasibility exploration.</p>			
RECORD OF COUNCIL ACTION			
<i>Meeting Date</i>	<i>Action</i>	<i>Vote</i>	
October 16, 2008			

RESOLUTION NO. 08-547

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, KING COUNTY, WASHINGTON AUTHORIZING THE MAYOR TO EXECUTE A REIMBURSEMENT AGREEMENT WITH NESTLÉ WATERS NORTH AMERICA FOR CONSULTANT COSTS ASSOCIATED WITH FEASIBILITY EXPLORATION

WHEREAS, in July 2008 the City Council directed City staff to begin exploring the feasibility of siting a Nestlé Waters North America Bottling Plant in Black Diamond ; and

WHEREAS, Nestlé Waters North America is investigating the possibility of entering into an agreement with the City to become a customer of the City for spring water to supply a bottling facility located within the City's limits; and

WHEREAS, Nestlé Waters North America desires to enter into discussions with the City, its staff and its consultants to aid both parties in determining the feasibility of a Facility; and

WHEREAS, the City desires to enter discussions and assess with Nestlé Waters North America the feasibility of a Facility, but requires the assistance of its own legal, engineering and other consultants to meaningfully participate in such discussions; and

WHEREAS, both parties acknowledge and agree that the reasonable costs incurred by the City to participate in discussions and assessment with NWNA regarding the feasibility of a Facility should be borne by Nestlé Waters North America as provided in the attached agreement; and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. The Mayor is hereby authorized to execute a Reimbursement Agreement with Nestlé Waters North America for consultant costs associated with feasibility exploration.

PASSED BY THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, AT A REGULAR MEETING THEREOF, THIS 16TH DAY OF OCTOBER, 2008.

CITY OF BLACK DIAMOND:

Howard Botts, Mayor

Attest:

Brenda L. Streepy, City Clerk

REIMBURSEMENT AGREEMENT

This Reimbursement Agreement (“Agreement”) is made and entered into between the City of Black Diamond, a municipal corporation of the State of Washington (hereinafter “City”) and Nestlé Waters North America, Inc. (hereinafter “NWNA”).

RECITALS

A. NWNA is investigating the possibility of entering into an agreement with the City to become a customer of the City for spring water to supply a bottling facility located within the City’s limits (“Facility”); and

B. In order to further their investigation, NWNA desires to enter into discussions with the City, its staff and its consultants to aid both parties in determining the feasibility of a Facility; and

C. The City desires to enter discussions and assess with NWNA the feasibility of a Facility, but requires the assistance of its own legal, engineering and other consultants to meaningfully participate in such discussions; and

D. Both parties acknowledge and agree that the reasonable costs incurred by the City to participate in discussions and assessment with NWNA regarding the feasibility of a Facility should be borne by NWNA as provided below.

Now, therefore, for the mutual considerations set forth herein, the parties agree as follows:

1. The City agrees to engage in good faith discussions with NWNA for the purpose of determining the feasibility of a Facility. Determining the feasibility of a Facility shall mean assessing and identifying the availability of and impact upon water rights and resources available to the City, particularly spring water, the impact upon future water availability, the economic benefits to the community and the water utility, consistency with the comprehensive plan and land use regulations, and other matters that relate to the capability and suitability of accommodating the needs of the Facility and the City. Entering into this agreement is not intended to be a commitment by the City that it will enter into an agreement to sell any of its water to NWNA, or to allow NWNA facilities to be located on City property; nor is it intended to be a commitment by NWNA that it will locate a facility in the City, or agree to purchase water from the City, regardless of the outcome of the feasibility analysis.

2. NWNA agrees to reimburse the City for certain outside consultant and legal expenses and City staff costs (“Reimbursable Costs”) incurred by the City in supporting discussions regarding the feasibility of a Facility, up to a maximum amount of \$25,000.00. For the purpose of this agreement, “City staff costs” includes only those costs incurred by outside consultants serving as members of the City staff, such as the City Attorney and City Engineer, and not those costs incurred by salaried City employees. Reimbursable Costs are the reasonable

costs incurred by the City, its staff and its consultants in supporting discussions regarding the feasibility of a Facility and reviewing this agreement, the right of entry agreement, and any subsequent agreements between the parties. In the event the Reimbursable Costs exceed \$25,000.00, the City may request NWNA to reimburse those costs. Approval of those additional Reimbursable Costs will be made following a reasonableness review of the costs; provided that, the City will have no obligation under this agreement to continue incurring costs that NWNA does not agree to reimburse.

3. The City will provide monthly invoices to NWNA for the Reimbursable Costs incurred by the City in the prior month. NWNA will remit payment of the Reimbursable Costs within 45 days of receipt of the City's invoice. In the event NWNA disagrees with any item on the City's invoice, NWNA's representative or his designee shall contact the City Administrator to attempt informal resolution of the disagreement.

4. This Agreement shall be governed and construed in accordance with the laws of the State of Washington. The venue for any lawsuit to enforce any provision of this agreement shall be King County, Washington.

5. This Agreement may be terminated by either party with 30 days advance notice to the other party. NWNA shall remain responsible for all Reimbursable Costs incurred by the City prior to the termination date. This Agreement may only be amended by the written mutual assent of the Parties. Unless extended by written mutual consent of both parties, this Agreement shall expire no later than January 1, 2009. Upon expiration or receipt of notice of termination by NWNA or issuance of Notice of Termination by the City, NWNA will be responsible for only those Reimbursable Costs incurred by the City up to the date of expiration or receipt of Notice of Intent to Terminate.

Notice given hereunder shall be in writing and shall be deemed effective either, (i) upon hand delivery to the person then holding the office shown on the attention line of the address below, or, if such office is vacant or no longer exists, to a person holding a comparable office, or (ii) when delivered by a nationally recognized overnight mail delivery service, to the Party and at the address specified below, or (iii) on the third business day following its deposit with the United States Postal Service, first class and certified or registered mail, return receipt requested, postage prepaid, properly sealed and addressed as follows:

NWNA's address: **Nestlé Waters North America, Inc.**
c/o Christopher Kemp
777 West Putnam Avenue
Greenwich, CT 06830

with a copy to:

Mr. William H. Chapman
K&L Gates, LLP
925 Fourth Avenue, Suite 2900
Seattle, WA 98104

The City's Address: **City of Black Diamond**
c/o Gwendolyn Voelpel
City Administrator
PO Box 599
Black Diamond, WA 98010

with a copy to:

Mr. Loren D. Combs
VSI Law Group
3600 Port of Tacoma Road, Suite 311
Tacoma, WA 98424

6. NWNA acknowledges that its rights under this Agreement are limited and that the City has not made any representation or warranty with respect to NWNA's ability to obtain any permit or regulatory approval, to obtain a water service agreement, or to meet any other legal requirements for development of the Facility. Nothing in this Agreement is intended or shall be construed to require that the City exercise its discretionary authority under its regulatory ordinances or its legislative authority to further the Facility nor binds the City to do so. NWNA understands that the City will process applications for permits and approvals in accordance with its normal processes and that the sole purpose of this Agreement is to provide for reimbursement to the City for its reasonable costs associated with participating with NWNA in determining the feasibility of the Project.


7. No Joint Venture. It is not intended by this Agreement to create any partnership, joint venture, or principal-agent relationship or other arrangement between NWNA and the City. Neither Party is authorized to, nor shall either Party act toward third Persons or the public in any manner which would indicate any such relationship with the other.

APPROVED BY:

City of Black Diamond

Nestlé Waters North America, Inc.

By: _____
Gwendolyn Voelpel, City Administrator

By:  _____
Christopher Kemp, Project Manager

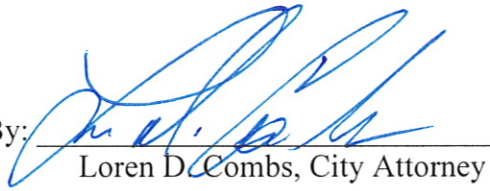
Date: _____

Date: 10/7/08

ATTEST:

By: _____
Brenda Streepy, City Clerk

APPROVED AS TO FORM:

By:  _____
Loren D. Combs, City Attorney

Vendor Profile Form V.4b



This information is supplied by the vendor.

PART 1

Instructions: Please complete all of the information on this form in the blocks provided and email back to NWNA contact with a signed copy of the Vendor Compliance Certificate and a completed Form W-9 (refer to dropdowns when applicable).

All sections highlighted in yellow are mandatory (must be filled out by vendor).

I. VENDOR'S HEADQUARTERS NAME AND ADDRESS:

Vendor's Full Legal Name <small>Please spell out any acronyms</small>	City of Black Diamond		
DBA / Trading As Name <small>(Req'd, if different from legal name)</small>			
Contact Name	Gwendolyn Voelpel, City Administrator		
Address <small>Please do not use a P.O. Box</small>	24301 Roberts Drive		
County	King	City	Black Diamond State WA ZIP 98010 <small>Provide ZIP+4 if available</small>
Telephone Number (area code)	360-886-2560	COUNTRY (only required for Foreign Vendors)	US USA
Fax Number	360-886-2592	Corporate E-mail Address:	gvoelpel@ci.blackdiamond.wa.us

II. VENDOR'S REMIT - TO ADDRESS. *The address must appear exactly as it would on invoices. (if the address is the same as above say "As Above")*

Vendor's Full Name <small>Please spell out any acronyms</small>	City of Black Diamond		
DBA / Trading As Name <small>(Req'd, if different from legal name)</small>			
Address	PO Box 599		
County	King	City	Black Diamond State WA ZIP 98010 <small>Provide ZIP+4 if available</small>
Telephone Number (area code)	360-886-2560	COUNTRY (only required for Foreign Vendors)	
Fax Number	360-886-2592	Corporate E-mail Address:	gvoelpel@ci.blackdiamond.wa.us

III. VENDOR'S ORDER - FROM ADDRESS (Needed for Purchasing/Raw Materials)

Vendor's Full Name <small>Please spell out any acronyms</small>			
Contact Name			
Address			
County		City	
State		ZIP	<small>Provide ZIP+4 if available</small>
Telephone Number (area code)		COUNTRY (only required for Foreign Vendors)	
Fax Number		Corporate E-mail Address:	

IV. GOODS SUPPLIED BY ADDRESS INFORMATION. (Needed for Purchasing/Raw Materials)

Vendor's Full Name *Please spell out any acronyms*

Contact Name

Address

County

City

State

ZIP

Provide ZIP+4 if available

Telephone Number (area code)

COUNTRY *(only required for Foreign Vendors)*

Fax Number

Corporate E-mail Address:

Note:

To enter additional address information, select the **Extra Addresses** tab at the bottom of this form. If you are using the fax method, an additional page for entering additional address information will be faxed to you.

V. VENDOR FINANCIAL INFORMATION:

Business Tax Category 06 - Government or Int.organization

Tax ID Number 91-6016204

If Federal Tax Id # then: - -

If Social Security # then: - - - - (requires Individuals name)

Subject to 1099 Reporting?

Yes

Type of Transaction (IRS codes)

N/A

(Attach Taxpayer Identification Certification - W8 or W9)

For Carrier Vendors (and other vendors if applicable):

What is the SCAC Code?

Dun & Bradstreet Number

N/A

To find D&B #, go to www.dnb.com on the Internet; if there is no D&B #, enter N/A

Inco Terms 1

Shipping Procedures

Inco Terms 2

Enter the supplementary (location) data of the inco term here

Does your organization accept American Express?

No

VI. BANK WIRE INFORMATION-SUBJECT TO PRIOR APPROVAL BY NANA TREASURY DEPT. (If applicable)

Bank's Full Name *Please spell out any acronyms*

Address

County

City

State

ZIP

Provide ZIP+4 if available

Telephone Number
(Incl. area code)

COUNTRY *(only required for Foreign Vendors)*

Vendor Bank Account Number:

ABA No./IBAN No:

SWIFT Code:

Other Information:

VII. BUSINESS CLASSIFICATION REQUIRED (For add'l info. refer to " www. NMSDC.org ")

Please answer ALL of the following questions about the vendor's ownership type and size:
For Canadian and International vendors, please select International Corporation for question 1 business type and stop.

If you are completing this on a Faxed copy, refer to the Instructions for the corresponding choices for each question at the end of this form

1. BUSINESS TYPE (Select one)

**If you are a Large Regulated company and feel that you should be classified in any other Business Type, please select Large Regulated only-*

Stop. For Govn't Agency do not fill in questions 2 to 11. - Just Complete Section 12.

Business Type Certified?	<input type="text"/>	Certification Location	<input type="text"/>	Attach copy of certification
Certification #	<input type="text"/>	Certification Exp. date	<input type="text"/>	

2. Historically Black College or University (HBCU)?

If yes, must provide certification.

HBCU Certified?	<input type="text"/>	Certification Location	<input type="text"/>	Attach copy of certification
Certification #	<input type="text"/>	Certification Exp. date	<input type="text"/>	

3. MINORITY INSTITUTION (MI)?

If yes, must provide certification except for Alaskan Native Corp. & Indian Tribe

MI Certified?	<input type="text"/>	Certification Location	<input type="text"/>	Attach copy of certification
Certification #	<input type="text"/>	Certification Exp. date	<input type="text"/>	

4. Small Disadvantaged Business (SDB)?

If yes, must provide certification except for Alaskan Native Corp. & Indian Tribe

SDB Certified?	<input type="text"/>	Certification Location	<input type="text"/>	Attach copy of certification
Certification #	<input type="text"/>	Certification Exp. date	<input type="text"/>	

5. SERVICE DISABLED VETERAN? (majority owner)

Service Disabled Vet Certified?	<input type="text"/>	Certification Location	<input type="text"/>	Attach copy of certification
Certification #	<input type="text"/>	Certification Exp. date	<input type="text"/>	

6. HUBZONE (historically under utilized bus. Zone)

Hubzone Certified?	<input type="text"/>	Certification Location	<input type="text"/>	Attach copy of certification
Certification #	<input type="text"/>	Certification Exp. date	<input type="text"/>	

7. DISABLED? (majority owner)

8. VETERAN? (majority owner)

Veteran Certified?	<input type="text"/>	Certification Location	<input type="text"/>	Attach copy of certification
Certification #	<input type="text"/>	Certification Exp. date	<input type="text"/>	

9. GENDER (majority owner)

10. RACE/ETHNICITY (of the majority owner)

Race/Ethnicity Certified?	<input type="text"/>	Certification Location	<input type="text"/>	Attach copy of certification
Certification #	<input type="text"/>	Certification Exp. date	<input type="text"/>	

11. BUSINESS SIZE

Business Size Certified?	<input type="text"/>	Certification Location	<input type="text"/>	Attach copy of certification
Certification #	<input type="text"/>	Certification Exp. date	<input type="text"/>	

12. NAICS Code

Section 13 is to be completed by internal Nestle Waters Staff only

13. Downstream Systems	ISW (SIEBEL)	<input type="text" value="0"/>	EBP	<input type="text" value="0"/>
	TMS (I2)	<input type="text" value="0"/>	None of the above	<input type="text" value="0"/>

The penalties for false certification under the preference programs of the Small Business Act are: (1) Punishment by imposition of fine, or both; (2) Subjection to administrative remedies, including suspension and debarment; and (3) Ineligibility for participation in programs conducted under the Act. (Refer to Federal Regulation 13 CFR 121.9)

I. VENDOR'S HEADQUARTERS NAME & ADDRESS

VENDOR'S FULL LEGAL NAME: Please state the vendor's full legal name; spell out all acronyms (e.g. D&B should be marked Dun & Bradstreet). Name should appear as filed with IRS. (Must match name reported to IRS on Federal ID# or S.S.#)

PARENT ADDRESS: Please note the vendor's headquarters address. P.O. Box Addresses are not allowed unless the vendor is a government agency, a grower or a magazine subscription provider.

Contact Name, City, County & State, Zip Code, Telephone Number, Fax Number, Email address and country (if foreign entity): Please complete each field. Enter DBA (Doing Business As) name in Contact Name field.

II. VENDOR'S REMIT - TO ADDRESS - Please make notations to ALL fields

Please make sure to complete each field with the corresponding information. If the remit-to address is the same as the headquarter address, the vendor should type "same as above" in the first field.

III. VENDORS ORDER-FROM ADDRESS - Please make notations to ALL fields

Please make sure to complete each field with the corresponding information. If the order-from address is the same as the headquarters address or the Remit To Address, the vendor should type "same as Headquarters" or "same as Remit To" in the first field.

IV. VENDORS GOODS SUPPLIER ADDRESS INFO. - Please make notations to ALL fields

Please make sure to complete each field with the corresponding information. If the goods supplier address is the same as the headquarter address, the vendor should type "same as above" in the first field.

V. VENDOR FINANCIAL INFORMATION - Please make notations to ALL fields

• **DUNN & BRADSTREET NUMBER** - If you do not know the D&B number, you can find it on the internet through www.dnb.com. Choose "List your Company," then "Look it Up," then add the appropriate information (name, address, and phone number) and hit "Submit." If the company does not have a D&B number, you must put "N/A" in this field. If nothing is entered, the form will be rejected.

• **TAX ID Number** This is a 9-digit number that all companies have (with very few exceptions). If the company is under an individual's name, the TAX ID number is the individual's social security number and the individuals name must match.

• **TAX ID Name** Please note the TAX ID Name if it is different from the name listed in the "Vendor's Full Name" field of the "Vendor Name and Contact Information" Section. (Must match name reported to IRS on Federal ID# or S.S.#)

Subject to 1099 REPORTING? Please indicate yes or no.

• **TYPE OF TRANSACTION (IRS codes):** Please indicate the proper IRS Code as shown in the drop down. 1= Rents, 3= Other Income No Service, 6= Medical and Health Care, 7= Payment for Service-Non Employee Comp., 14=Gross Proceeds for legal services, N/A=Exempt. Attach copy of your Taxpayer Certification (W9) or if foreign entity doing business in the United States, attach copy of your Certificate of Foreign Status for United States Tax Withholding.

• **INCO TERMS** Please choose the proper shipping procedures. Those listed are the only shipping procedures that Nestle Waters trades with. Choose from the following: CFR-Costs & Freight, DDP-Delivered Duty Paid, EXW-Ex Works, or FOB-Free on Board. If not known, please consult with your Nestle contact.

• **For Carrier Vendors (and other vendors if applicable): What is the SCAC Code? The SCAC code (Standard Carrier Alpha Code) is maintained by the National Motor Freight Association. 4 letter code to identify shipping carriers frequently used by EDI. Refer to the following website: <http://www.nmfta.org/scac2.htm>**

• **GENERAL INFORMATION** Use dropdown to indicate if your organization accepts American Express for payment. Raw materials are excluded from this program. Please specify yes or no.

VI. BANK WIRE INFORMATION:

• **Banks FULL NAME:** Please state the banks full name; spell out all acronyms (e.g. D&B should be marked Dun & Bradstreet). Bank address, county, city, state, zip and country (if foreign)

• **Vendor Bank account number:** Please fill in.

• **Swift Code:** Please fill in.

• **ABA No./Key Acct Holder:** Please fill in.

VII. BUSINESS CLASSIFICATION: Answer ALL of the thirteen questions (if applicable).

***For questions 5, 7, 8, 9 & 10 below, the definition of Majority Owner would be: Where the majority owners/shareholders are 51% or greater~**

***For questions 1, 2, 3, 4, 5, 6, 8, 9 and 11 below: If certified by a local, state, municipal or federal agency, please provide the necessary information and ATTACH A COPY OF THE CERTIFICATION TO THIS FORM.**

For Canadian and International vendors, please select International Corporation for question 1 business type and stop.

1. **BUSINESS TYPE** Choices are: Publicly Traded Corporation (Stock-Held), International Organization, Private Company, Government Agency, Non-Profit Agency, Individual (Non-Business Owner), Tax Exempt, Private Foundation, Partnership, Large Regulated, Fiduciary, Other (if HBCU or MI, answer questions 6 & 7). If Private Company, Partnership or Other (for HBCU or MI), all thirteen questions need to be answered. If publicly traded (51% majority) fill in all thirteen questions.

2. **HISTORICALLY BLACK COLLEGE/UNIVERSITY (HBCU)** choices are: Not Applicable, Declined, Yes, No. (if Yes, please attach copy of certification).

3. **MINORITY INSTITUTION (MI)** choices are: Not Applicable, Declined, Yes, No. (if yes, please attach copy of certification)

4. **SMALL DISADVANTAGED BUSINESS (SDB)** choices are: Not Applicable, Declined, Yes (If you are a small disadvantaged business, you must be certified and supply a copy of that certification, unless you are Alaskan Native Corp. & Indian Tribes) or No.

5. **SERVICE DISABLED VETERAN (*of the Majority Owner)** choices are: Not Applicable, Declined, Yes, No

6. **HUBZONE** (Historically Under Utilized Business Zone) choices are: Not Applicable, Declined, Yes, No [No, if you are a Government Agency, Non-Profit Agencies, or Individuals--Non-Business Owners].

7. **DISABLED (*of the Majority Owner)** choices are: Not Applicable, Declined, Yes, No [No if you are a Public Corporations, Non-Profit Agency, Government Agency].

8. **VETERAN (*of the Majority Owner)** choices are: Not Applicable, Declined, Yes, No

9. **GENDER(*of the Majority Owner)** choices are: Male-Owned, Female-Owned, Not Applicable (N/A if you are a Government Agency, Public Corporation, Non-Profit Agency) or Declined

10. **RACE/ETHNICITY (* of the Majority Owner)** choices are: Caucasian, African-American, Hispanic-American, Native American, Asian-Pacific-American, Asian-Indian-American, Asian Indian, Alaskan Native Corp & Indian Tribes, None of the Above, or Not Applicable [N/A if you are a Public Corporation, Non-Profit Agency, Government Agency].

11. **BUSINESS SIZE** choices are: Not Applicable [for Government Agencies, Non-Profit Agencies, Individuals--Non-Business Owners], Declined, Large (501 employees or more), Small (500 employees or less)

12. **NAICS** is North American Industry Classification System. Please refer to www.census.gov/naics or www.naics.com to obtain the code

13. **Downstream Systems:** This section is only to be completed by Nestle Waters Staff and is used to identify which systems the data should be maintained in. The NWNA Employee should complete the appropriate Check box(s)

Vendor Compliance Certificate Tab

All vendors, with US based operations, must agree to sign and E-Mail a copy of the Vendor Compliance Certificate to the requesting location. Where the vendor is an international vendor, the certificate is only applicable to the US operations.

VENDOR COMPLIANCE CERTIFICATE

All vendors, with US based operations, must agree to sign and E-Mail a copy of the Vendor Compliance Certificate to the requesting location. Where the vendor is an international vendor, the certificate is only applicable to the US operations.

Unless otherwise exempt by applicable provisions of the Federal laws, regulations and Executive Orders referred to herein, the undersigned certifies as follows:

- (a) **NON-SEGREGATED FACILITIES:** Seller does not and will not maintain segregated facilities as described in Executive Order 11246 and in 41 CFR 60-1.8.

- (b) **EQUAL OPPORTUNITY CLAUSE:** Seller will not discriminate against any employee or applicant for employment based on race, color, religion, sex or national origin. Seller will post EEO notices in conspicuous places, available to employees and applicants. Seller shall comply with the provisions of Executive Order 11246, Section 204 paragraphs (1) through (7), and CFR 60-1.4 paragraphs (1) through (7).

- (c) **AFFIRMATIVE ACTION COMPLIANCE PROGRAM:** Seller shall have a written affirmative action compliance program for each of its establishments, as provided in 41 CFR 60-1.7 and 41 CFR 60-1.40 and 41 CFR 60.2 as amended.

- (d) **EQUAL EMPLOYMENT OPPORTUNITY REPORTING:** Seller shall annually complete and file Government Standard Form 100, Equal Opportunity Employer Information Report EEO-1.

- (e) **LISTING OF EMPLOYMENT OPENINGS FOR VETERANS:** Seller agrees that all employment openings except executive and top management which currently exist and those which occur during the performance of this order that Seller intends to fill through external sources shall be listed at an appropriate office of the State employment service system. Seller shall comply with the provisions of Executive Order 11701, Section 402 of the Vietnam Era Veterans Readjustment Act of 1974 and 41 CFR 60-250.30.

- (f) **EMPLOYMENT OF THE DISABLED:** Seller shall not discriminate against any employee or applicant for employment because of physical or mental disability in regards to any position with the employee or applicant is qualified. Seller agrees to comply with the provisions of Executive Order 11758, Section 503 of the Rehabilitation Act of 1973 and 41 CFR 60-741.

- (g) **UTILIZATION OF MINORITY BUSINESS ENTERPRISES:** Seller agrees to carry out the provisions of Executive Order 11625 and 41 CFR 1-1.1310-2.

- (h) **MINORITY BUSINESS ENTERPRISES SUBCONTRACTING PROGRAM:** Seller agrees to establish and conduct a program which will enable minority business enterprises, and defined in 41 CFR 1.1310-2(a), to be considered fairly as subcontractors and suppliers and shall comply with the provisions of 41 CFR 1-1310-2(b).

- (i) **COMPLIANCE WITH THE IMMIGRATION REFORM AND CONTROL ACT OF 1986 ("IRCA"):** Seller agrees that all workers provided by Seller to Nestle Waters North America will be authorized to work in the United States. Seller agrees that it will take all steps required under applicable law to verify and/or confirm such workers' authorization to work in the United States before providing such worker to Nestle Waters North America. Seller agrees to immediately remove from Nestle Waters North America any workers provided by Seller who become or are found to be unauthorized to work in the United States. Seller agrees to indemnify Nestle Waters North America for any loss or damages suffered due to the Seller's failure to comply with IRCA with respect to any workers provided by Seller to Nestle Waters North America.

The above provisions are incorporated into any applicable contract or order for the provisions of supplies or services entered into with Nestle Waters North America.

Name of Company

Signature of Authorized Representative

Date Signed

Title of Authorized Representative

Form W-9 Taxpayer Identification Number Request (Use this form to obtain TIN for payments of interest, dividends, or Form 1099-B gross proceeds)

Please complete the following information. We are required by law to obtain this information from you when making a reportable payment to you, and because the payment is reportable on an information return to the IRS, you are required by law to provide your correct Social Security Number or Employer Identification Number to us. If you do not provide us with this information, your payments may be subject to 30% federal income tax backup withholding (29% after December 31, 2003). Also, if you do not provide us with this information, you may be subject to a \$50 penalty imposed by the Internal Revenue Service under section 6723.

Federal law on backup withholding preempts any state or local law remedies, such as any right to a mechanic's lien. If you do not furnish a valid TIN, or if you are subject to backup withholding, the payer is required to withhold 30% of its payment to you (29% after December 31, 2003). Backup withholding is not a failure to pay you. It is an advance tax payment. You should report all backup withholding as a credit for taxes paid on your federal income tax return.

Use this form only if you are a U.S. person (including U.S. resident alien). If you are a foreign person, use the appropriate Form W-8.

- Instructions:**
1. Complete Part 1 by completing the one row of boxes that corresponds to your tax status.
 2. Complete Part 2 if you are exempt from Form 1099 reporting.
 3. Complete Part 3 by filling in all lines.
 4. Return this completed form to us in the enclosed envelope.

Part 1 - Tax Status: (complete only one row of boxes)

Individuals: <small>(Fill out this row.)</small>	Individual Name: <small>(First name, middle initial, last name)</small>	Individual's Social Security Number
	_____	_____

A sole proprietorship may have a "doing business as" trade name, but the legal name is the name of the business owner.

Sole Proprietor <small>(or an LLC with one owner): (Fill out this row.)</small>	Business Owner's Name: <small>(REQUIRED)</small>	Business Owner's Social Security Number	Business or Trade Name <small>(OPTIONAL)</small>
	<small>(First name)</small> _____ <small>(Middle Initial)</small> _____	_____	_____
	<small>(Last name)</small> _____	OR Federal ID Number	_____

Partnership <small>(or an LLC with multiple owners): (Fill out this row.)</small>	Name of Partnership:	Partnership's Employer Identification Number	Partnership's Name on IRS records <small>(see IRS mailing label)</small>
	_____	_____	_____

A corporation may use an abbreviated name or its initials, but its legal name is the name on the articles of incorporation.

Corporation, or Tax-Exempt Entity: <small>(Fill out this row.)</small>	Name of Corporation or Entity:	Employer Identification Number
	<u>City of Black Diamond</u>	<u>91-6016204</u>

Part 2 - Exemption: If exempt from reporting, check your qualifying exemption reason below:

- Corporation Note that there is no corporate exemption for medical and healthcare payments or payments for legal services.
 Tax Exempt Entity under 501(a) (includes 501(c)(3), or IRA
 The United States or any of its agencies or instrumentalities
 A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or agencies
 A foreign government or any of its political subdivisions or an international organization in which the United States participates under a treaty or Act of Congress

Part 3 - Certification: Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), **and**
2. I am not subject to backup withholding because: **(a)** I am exempt from backup withholding, or **(b)** I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or **(c)** the IRS has notified me that I am no longer subject to backup withholding **and**
3. I am a U.S. person (including a U.S. resident alien).

Certification Instructions - You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return.

Person completing this form: _____

Signature: _____ Date: _____ Phone: (360) 886-2560
 Address: PO BOX 599 City: Black Diamond State: WA ZIP: 98010

Thank you for your cooperation.

CITY COUNCIL AGENDA BILL

City of Black Diamond
Post Office Box 599
Black Diamond, WA 98010

ITEM INFORMATION			
SUBJECT: Ordinance No. 08-871, regarding Boating Regulations - amending sections 10.36.010 and 10.36.020 of the Black Diamond Municipal Code	Agenda Date: October 16, 2008		AB08-105
	Department/Committee/Individual	Created	Reviewed
	Mayor Howard Botts		
	City Administrator –Gwen Voelpel		X
	City Attorney – Loren D. Combs		X
	City Clerk – Brenda L. Streepy		X
	Finance – May Miller		
	Public Works – Seth Boettcher		
	Economic Devel. – Andy Williamson		
	Police – Chief Kiblinger	X	
Court – Kaaren Woods			
Cost Impact:			
Fund Source: General Fund			
Timeline:			
Attachments: Ordinance No. 08-871			
SUMMARY STATEMENT: This ordinance adopts RCW 79A.60, updating our current ordinance for recreational vessels. This also includes the new boater education card laws and increases marine infractions from \$75.00 to \$120.00.			
COMMITTEE REVIEW AND RECOMMENDATION:			
RECOMMENDED ACTION: MOTION to adopt Ordinance No. 08-871, amending sections 10.36.010 and 10.36.020 of the Black Diamond Municipal Code regarding recreational vessels, boater education card laws and increased marine infractions.			
RECORD OF COUNCIL ACTION			
<i>Meeting Date</i>	<i>Action</i>	<i>Vote</i>	
October 16, 2008			

ORDINANCE NO. 08-871

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF
BLACK DIAMOND, KING COUNTY, WASHINGTON,
AMENDING SECTIONS 10.36.010 AND 10.36.020 OF BLACK
DIAMOND MUNICIPAL CODE.

WHEREAS, boater safety education is critical in ensuring the safety of operators and passengers of recreational motor driven vessels and the safety of other persons using public waterways;

WHEREAS, the City has an interest in maintaining safe waterways by ensuring that operators of motor driven boats and vessels are properly trained on safe operation of such vehicles;

WHEREAS, the State Legislature re-codified RCW Chapter 88.12 Regulation of Recreation Vessels in RCW 79A.60 pursuant to 1999 c249 § 1601 and the City has not updated Chapter 10.36 of the Black Diamond Municipal Code to reflect this change; and

WHEREAS, the City wishes to maintain its authority to enforce state regulations regarding recreational motor driven boats and vessels; NOW THEREFORE,

THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, KING COUNTY, WASHINGTON, ORDAINS AS FOLLOWS:

SECTION 1. Section 10.36.010 of the Black Diamond Municipal Code is hereby amended to read as follows:

10.36.010 Sections of RCW Chapter 79A.60 adopted by reference – sections adopted.

The following sections of the Revised Code of Washington, are now enacted or as hereafter amended, are hereby adopted by reference and codified in this in Title 10 of this code:- 79A.60.010; 79A.60.020; 79A.60.030; 79A.60.040; 79A.60.050; 79A.60.070; 79A.60.080; 79A.60.090; 79A.60.100; 79A.60.110; 79A.60.120; 79A.60.130; 79A.60.140; 79A.60.150; 79A.60.160; 79A.60.170; 79A.60.180; 79A.60.190; 79A.60.200; 79A.60.210; 79A.60.220; 79A.60.230; 79A.60.240; 79A.60.250; 79A.60.260; 79A.60.270; 79A.60.280; 79A.60.290; 79A.60.300; 79A.60.640; and 79A.60.660.

SECTION 2. Section 10.36.010 of the Black Diamond Municipal Code is hereby amended to read as follows:

10.36.020 Certified copy on file at City Hall.

The City Clerk is directed to certify a true and correct copy of the provisions of Chapter 79A.60 RCW which are adopted by reference under BDMC 10.36.010, including all present and future updates and amendments and to keep such certified copy on file at City Hall.

SECTION 3. New section 8.24.015 is hereby added to the Black Diamond Municipal Code and reads as follows:

8.26.015 Boater Education Card

A. No person shall operate or permit the operation of motor driven boats and vessels with a mechanical power of fifteen horsepower or greater unless the person:

1. Is at least twelve years of age, or 14 if a personal watercraft; and
2. Has in his or her possession a Washington State Boater Education Card, unless exempted under subsection (B) of this section; or is accompanied by and is under the direct supervision of a person sixteen years of age or older who is in possession of a boater education card, or who is not yet required to possess the card as provided in the program phase in subsection (A) (3).
3. The requirement to have a Washington State Boater Education Card shall apply to person of the particular age on or after the dates listed on the following schedule. The schedule for phase-in of the mandatory Washington State Boater Education Card requirement by age group is as follows:

January 1, 2008	All boat operators twenty years old and younger;
January 1, 2009	All boat operators twenty-five years old and younger;
January 1, 2010	All boat operators thirty years old and younger;
January 1, 2011	All boat operators thirty-five years old and younger;
January 1, 2012	All boat operators forty years old and younger;
January 1, 2013	All boat operators fifty years old and younger;
January 1, 2014	All boat operators sixty years old and younger;

January 1, 2015	All boat operators seventy years old and younger;
January 1, 2016	All boat operators.

B. The following persons are not required to carry a boater education card:

1. The operator of a vessel engaged in a lawful commercial fishery operation as licensed by the department of fish and wildlife under Title 77 RCW. However, the person when operating a vessel for recreational purposes must carry either a valid commercial fishing license issued by the department of fish and wildlife or a boater education card;

2. Any person who possesses a valid marine operator license issued by the United States coast guard when operating a vessel authorized by such coast guard license. However, the person when operating a vessel for recreational purposes must carry either a valid marine operator license issued by the United States coast guard or a boater education card;

3. Any person who is legally engaged in the operation of a vessel that is exempt from vessel registration requirements under chapter 88.02 RCW and applicable rules and is used for purposes of law enforcement or official government work. However, the person when operating a vessel for recreational purposes must carry a boater education card;

4. Any person at least twelve years old renting, chartering, or leasing a motor driven boat or vessel with an engine power of fifteen horsepower or greater who completes a commission-approved motor vessel safety operating and equipment checklist each time before operating the motor driven boat or vessel, except that an operator of a personal watercraft shall be fourteen;

5. Any person who is not a resident of Washington State and who does not operate a motor driven boat or vessel with an engine power of fifteen horsepower or greater in waters of the state for more than sixty consecutive days;

6. Any person who is not a resident of Washington state and who holds a current out-of-state or out-of-country certificate or card that is equivalent to the rules adopted by the commission;

7. Any person who has purchased the boat or vessel within the last sixty days, and has a bill of sale in his or her possession to document the date of purchase;

8. Any person, including those less than twelve years of age, who is involved in practicing for, or engaging in, a permitted racing event where a valid document has been issued by the appropriate local, state, or federal government agency for the event, and is available for inspection on-site during the racing event;

9. Any person who is not yet required to have a boater education card under the phased schedule in RCW 79A.60.630 (2) (a); and

10. Any person born before January 1, 1955.

C. Except as provided in subsection (B)(1) through (10) of this section, a boater must carry a boater education card while operating a vessel and is required to present the boater education card, or alternative license as provided in subsection (B)(1) through (10) of this section, to a law enforcement officer upon request.

D. Failure to possess a boater education card required by this section is an infraction. The penalty shall be waived if the boater provides proof to the court within sixty days that he or she has received a boater education card.

E. No person shall permit the rental, charter, or lease of a motor driven boat or vessel with an engine power of fifteen horsepower or greater to a person without first reviewing with that person, and all other persons who may be permitted by the person to operate the vessel, all the information contained in the motor vessel safety operating and equipment checklist.

SECTION 4. Section 8.24.060 of Black Diamond Municipal is hereby amended to read as follows:

8.26.060 Violation – Penalty.

A. Except where the violation is classified as a misdemeanor, violation of any provision of this chapter is an infraction. If, during a period of three hundred sixty-five days, a person has previously committed two infractions for violating the same provisions under the ordinance and if the violation is also committed during such period and is of the same provision as the previous violation, then the violation will be a misdemeanor. All infraction violations shall be subject to a fine of one-hundred-twenty dollars.

B. Authority of Officer to Board Boats. Commissioned officers of the Black Diamond police department are hereby given the authority to board any vessel or watercraft found underway in the waters of Lake Sawyer for the purpose of inspection and enforcement of this chapter. (Ord. 664 § 6, 1999; Ord. 636 § 6, 1998)

ADOPTED by the City Council on October 16, 2008 at an open public meeting.

Howard Botts, Mayor

Attest:

Brenda Streepy, City Clerk

APPROVED AS TO FORM:

Loren D. Combs, City Attorney

Published: _____

Posted: _____

Effective Date: _____

CITY COUNCIL AGENDA BILL

City of Black Diamond
Post Office Box 599
Black Diamond, WA 98010

ITEM INFORMATION			
SUBJECT: Resolution No. 08-548, authorizing City of Black Diamond staff to begin the process of discussion and evaluation of granting Russell Cahill “Treasured” status for ten Transfer of Development Rights associated with his property at King County Parcel #1421069021.	Agenda Date: October 16, 2008		AB08-106
	Department/Committee/Individual	Created	Reviewed
	Mayor Howard Botts		
	City Administrator –Gwen Voelpel		
	City Attorney – Loren D. Combs		
	City Clerk – Brenda L. Streepy		X
	Finance – May Miller		
	Public Works – Seth Boettcher		
	Economic Devel. – Andy Williamson		
	Police – Jamey Kiblinger		
Fund Source: N/A	Court – Kaaren Woods		
Timeline: Begin process as soon as possible	Natural Resources – Aaron Nix	X	
Attachments: Resolution 08-548 , Application, and Map			
<p>SUMMARY STATEMENT:</p> <p>Russell Cahill submitted an application for a Development Right Certificate for Transfer of Development Rights (TDR’s) associated with his King County Parcel #1421069021 on September 16, 2008. Mr. Cahill has offered to give the land in question to the City, which includes wetland areas and a small upland part that could be utilized for future park facilities including a parking lot, bathroom facilities, etc. In accordance with the City of Black Diamond Municipal Code, section 19.24.180, staff is bringing forward this resolution in order to begin the process of evaluating Mr. Cahill’s offer.</p>			
COMMITTEE REVIEW AND RECOMMENDATION:			
<p>RECOMMENDED ACTION: MOTION to adopt Resolution No. 08-548, authorizing the City of Black Diamond staff to begin the process of discussion and evaluation of granting Russell Cahill “Treasured” status for ten Transfer of Development Rights (TDR’s) associated with his property, King County parcel #1421069021.</p>			
RECORD OF COUNCIL ACTION			
<i>Meeting Date</i>	<i>Action</i>	<i>Vote</i>	
October 16, 2008			

RESOLUTION NO. 08-548

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, KING COUNTY, WASHINGTON AUTHORIZING CITY OF BLACK DIAMOND STAFF TO BEGIN THE PROCESS OF DISCUSSION AND EVALUATION OF GRANTING RUSSELL CAHILL "TREASURED" STATUS FOR TEN TRANSFER OF DEVELOPMENT RIGHTS (TDR's) ASSOCIATED WITH HIS PROPERTY, KING COUNTY PARCEL #1421069021.

WHEREAS, Russell Cahill submitted an application for a Development Right Certificate for Transfer of Development Rights under the City of Black Diamond's Transfer of Development Rights (TDR) program; and

WHEREAS, Mr. Cahill has asked the City of Black Diamond to consider granting "Treasured" status for ten transfer of development rights associated with his property, King County parcel #1421069021; and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. The Mayor is hereby authorized to instruct staff to move forward with the evaluation of granting "Treasured" status to Russell Cahill for donated sections of his current property, King County Parcel #1421069021.

PASSED BY THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, AT A REGULAR MEETING THEREOF, THIS 16TH DAY OF OCTOBER, 2008.

CITY OF BLACK DIAMOND:

Howard Botts, Mayor

Attest:

Brenda L. Streepy, City Clerk

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CITY OF BLACK DIAMOND
DEVELOPMENT RIGHT CERTIFICATE APPLICATION
INFORMATION SHEET

This information sheet is to provide you with the information you need in order to provide the City the information it needs to process an application for the issuance of a Development Right Certificate (DRC). If you own property in the City of Black Diamond and you have received a Final Letter of Notification from the City, then you are eligible to apply for a Development Right Certificate.

A Development Right Certificate certifies the number of development rights that are available for you to sell to the owner of an eligible Receiving Site property. The issuance of the Development Right Certificate does not obligate you to sell any of your development rights. The Certificate is merely the document that gives official notice that you have development rights to sell. The Certificate is valid for 5 years from the date of issuance.

To process your application you need to provide the following:

1. All information on the attached application must be provided, and the application must be signed by ALL of the property owners. If you own more than one tax parcel, a separate application must be completed and the application fee paid for each parcel.
2. The application fee of \$ 250.00 per tax parcel, and \$ 50.00 per development right shown on the Final Letter of Notification must be paid at the time the application is submitted to the City.
3. If there is a mortgage, deed of trust, or other similar lien on the property, then you must provide with your application a subordination agreement, in recordable form, from your lender/lienholder consenting to the potential transfer of the development rights and the placement of a conservation easement on your property at the time the development rights are sold.
4. A title certificate issued by a title insurance company within 30 days from the date you submit your application which shows the names of the owners of record and

(2100 57A)
△

the names of all lienholders must be submitted with your application. An update to the title certificate will be required at the time the Development Right Certificate is issued.

5. The property legal description and a copy of the recorded deed that conveyed the property to you must be included with the application. Separate documents are not required if these are included with the title certificate.

Some property owners may be entitled to receive more development rights than are set forth in their Final Letter of Notification. The reason is because there are bonus densities that are provided if a person is willing to allow public access for trail and/or park purposes on their property. The bonus can be as much as 3 times the number of development rights set forth in the Final Letter of Notification. The City Council has yet to determine the desired location for the trails and parks. If you are willing to consider allowing a trail or park to be located on a portion of your property, please make sure you check the appropriate box on the application form. This does not obligate you to anything. It merely assists the City in determining the final locations for the trail and park system.

Please make sure you provide all of the requested information and have all the property owners sign the application. If the application is incomplete and/or all required documents are not attached to the application, then your application cannot be processed.

BY19880\TDR\DOCS\DRCAPINFORMSHEET.DOC

Tax Parcel Number: 1421069021 / will change when short plat final. Lot 4's address 32756 Abrams Ave

**City of Black Diamond
Application for Development Right Certificate**

Owner(s) name(s), mailing addresses and phone numbers:

Russell Cahill = 23313 208th Ave SE Maple Valley
425-432-1977 or 206-793-9277

1. Number of Development Rights you wish to certify for possible transfer (maximum number is the number listed in the Final Letter of Notification): 400 or 100 (See Attached)

2. Describe any changes made to the property (development, dredging, clearing, etc.) since the Final Letter of Notification was issued.

Sub-division

3. Initial the following acknowledgements (A and D must be initialed or your application will not be processed).

RL A. I/we acknowledge my/our intent, at the time we sell or otherwise transfer the development rights for which a Development Right Certificate (DRC) is issued, to grant to the City of Black Diamond a conservation easement permanently restricting development uses on the above parcel to those allowed by the remaining development rights attached to the parcel, if any, and preserving the parcel's environmental/resource value.

RL B. I/we request that the City consider issuing bonus density rights for the placement of a trail or park on the above parcel. (Do not initial this paragraph unless you want the City to consider granting bonus density rights.)

RL C. If bonus development rights are requested to allow public access, I/we intend to grant to the City of Black Diamond a fee simple deed to the parcel for a public trail easement. (If you initial paragraph B, then you must also initial this paragraph to be considered for bonus density.)

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RL D. I/we acknowledge that upon issuance of the DRC a notice will be recorded that indicates that the DRC has been issued and sets forth the number of development rights that have been certified for transfer.

RL E. I/we acknowledge that all information in this application will become public record and will be accessible to the public for inspection and copying.

All owners of record must sign below and print their name, including their title if signing as a guardian, trustee, or authorized signator for a business entity.


Print Name: ROSSIE CARRELL
Title: Owner

Print Name: _____
Title: _____

Print Name: _____
Title: _____

Print Name: _____
Title: _____

Print Name: _____
Title: _____

For internal use only
Title certificate received
Copy of deed received
Title Certificate received
Legal Description received
Application fee paid
Letter of receipt sent
Application certified as complete
Field verification

Application for development right certificates.

My property presently has 14 TDR's. I am going through the process of doing a short plat on the land. (Maps/plans available).

Due to this the amount of credits I wish to enter into Treasured/ bonus credits program will be affected.

The entire piece of land will be broken into 4 Lots as such-

Lot 1= 9,658 Sq. Ft.
Lot 2= 12,336 Sq. Ft.
Lot 3= 16,470 Sq. Ft.
Lot 4= 105,643 Sq Ft.

Lots 1-3 I intend to keep for personal use, therefore the amount of each lots square footage will have to be deducted in the application for Bonus/ Treasured status. The combined Square footage of Lots1-3 totals 38,464 Square feet. As understood there is one TDR/Credit per $\frac{1}{4}$ acre, because of deduction of this square footage the total amount of square footage left available for Treasured status is all in Lot 4 equaling 105,643 square feet. Therefore upon City's definition 9.7 credits/ TDR's. I would like to apply Lot 4 for the consideration of Bonus Density Rights requesting or asking for 3 times the amount of 9.7 therefore totaling 29 TDR's.

I believe that Lot 4's location is excellent for the opportunity of the City to preserve the natural wetland surroundings. It is located in a wetland corridor that has been identified by the City of Black Diamond as one of the most desired areas to maintain current existence. Lot 4 can also effectively be used for parks and recreational use including a designated area outside the wetland buffer for parking and any other impervious surface that may be required (2035 square feet of build able land) . It was also determined by Oliver Altman and Associates that Lot 4 is in a category 3 wetland according to City of Black Diamond standards which is the most complex and protected wetland rating available once again emphasizing its importance to the City to obtain. The location of the lot is in a small tranquil neighborhood abundant with trees, streams, ponds, etc, which are all of the qualities of a park setting.

Rainier Title

2722 Colby Avenue, Suite 125, Everett, WA 98201
(425) 252-1222 Toll Free from Seattle (888) 828-0018

Russell Cahill
23313 208th Avenue Southeast
Maple Valley Wa 98038

September 16, 2008

File No.: 432860

RE: 328xx Abrams Avenue
Black Diamond, Washington 98010

In connection with the above captioned transaction, enclosed please find the following:

Policy of Title Insurance.

We trust the above is satisfactory to you. If you should have any questions, please do not hesitate to contact our office.

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HOMEOWNER'S POLICY OF TITLE INSURANCE ONE-TO-FOUR FAMILY RESIDENCE

Issued by **Lawyers Title Insurance Corporation**



Lawyers Title Insurance Corporation is a member of the LandAmerica family of title insurance underwriters.

POLICY NUMBER:
432860

OWNER'S INFORMATION SHEET

Your Title Insurance Policy is a legal contract between You and Us.

It applies only to a one-to-four family residence and only if each insured named in Schedule A is a Natural Person. If the Land described in Schedule A of the Policy is not an improved residential lot on which there is located a one-to-four family residence, or if each insured named in Schedule A is not a Natural Person, contact Us immediately.

The Policy insures You against actual loss resulting from certain Covered Risks. These Covered Risks are listed beginning on page 2 of the Policy. The Policy is limited by:

- * Provisions of Schedule A
- * Exceptions in Schedule B
- * Our Duty To Defend Against Legal Actions on page 2
- * Exclusions on page 3
- * Conditions on pages 3 and 4.

You should keep the Policy even if You transfer Your Title to the Land.

If You want to make a claim, see paragraph 3 under Conditions on page 3.

You do not owe any more premiums for the Policy.

This sheet is not Your insurance Policy. It is only a brief outline of some of the important Policy features. The Policy explains in detail Your rights and obligations and Our rights and obligations. Since the Policy – and not this sheet – is the legal document,

YOU SHOULD READ THE POLICY VERY CAREFULLY.

If You have any questions about Your Policy, contact:

Consumer Affairs Department
Lawyers Title Insurance Corporation
P.O. Box 27567
Richmond, Virginia 23261-7567

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LAWYERS TITLE INSURANCE CORPORATION

By:

Rhodene L Chandler

President

Attest:

Alvin King

Secretary



COMMUNITY DEVELOP.

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OWNER'S COVERAGE STATEMENT

This Policy insures You against actual loss, including any costs, attorneys' fees and expenses provided under this Policy, resulting from the Covered Risks set forth below, if the Land is an improved residential lot on which there is located a one-to-four family residence and each insured named in Schedule A is a Natural Person.

Your insurance is effective on the Policy Date. This Policy covers Your actual loss from any risk described under Covered Risks if the event creating the risk exists on the Policy Date or, to the extent expressly stated, after the Policy Date.

Your insurance is limited by all of the following:

- The Policy Amount shown in Schedule A
- For Covered Risk 14, 15, 16, and 18, Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A
- Exceptions in Schedule B
- Our Duty To Defend Against Legal Actions
- Exclusions on page 3
- Conditions on pages 3 and 4.

COVERED RISKS

The Covered Risks are:

1. Someone else owns an interest in Your Title.
2. Someone else has rights affecting Your Title arising out of leases, contracts, or options.
3. Someone else claims to have rights affecting Your Title arising out of forgery or impersonation.
4. Someone else has an easement on the Land.
5. Someone else has a right to limit Your use of the Land.
6. Your Title is defective.
7. Any of Covered Risks 1 through 6 occurring after the Policy Date.
8. Someone else has a lien on Your Title, including a:
 - a. Mortgage;
 - b. judgment, state or federal tax lien, or special assessment;
 - c. charge by a homeowner's or condominium association; or
 - d. lien, occurring before or after the Policy Date, for labor and material furnished before the Policy Date.
9. Someone else has an encumbrance on Your Title.
10. Someone else claims to have rights affecting Your Title arising out of fraud, duress, incompetency or incapacity.
11. You do not have both actual vehicular and pedestrian access to and from the Land, based upon a legal right.
12. You are forced to correct or remove an existing violation of any covenant, condition or restriction affecting the Land, even if the covenant, condition or restriction is excepted in Schedule B. However, You are not covered for any violation that relates to any obligation to perform maintenance or repair on the Land, or relates to environmental protection of any kind or nature, including hazardous or toxic conditions or substances, unless notice of the violation is recorded in the Public Records.
13. Your Title is lost or taken because of a violation of any covenant, condition or restriction, which occurred before You acquired Your Title, even if the covenant, condition or restriction is excepted in Schedule B.
14. Because of an existing violation of a subdivision law or regulation affecting the Land:
 - a. You are unable to obtain a building permit;
 - b. You are forced to correct or remove the violation; or
 - c. Someone else has a legal right to, and does, refuse to perform a contract to purchase the Land, lease it or make a Mortgage loan on it.The amount of Your insurance for this Covered Risk is subject to Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.
15. You are forced to remove or remedy Your existing structures, or any part of them – other than boundary walls or fences – because any portion was built without obtaining a building permit from the proper government office. The amount of Your insurance for this Covered Risk is subject to Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.
16. You are forced to remove or remedy Your existing structures, or any part of them, because they violate an existing zoning law or zoning regulation. If You are required to remedy any portion of Your existing structures, the amount of Your insurance for this Covered Risk is subject to Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.
17. You cannot use the Land because use as a single-family residence violates an existing zoning law or zoning regulation.
18. You are forced to remove Your existing structures because they encroach onto Your neighbor's Land. If the encroaching structures are boundary walls or fences, the amount of Your insurance for this Covered Risk is subject to Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.
19. Someone else has a legal right to, and does, refuse to perform a contract to purchase the Land, lease it or make a Mortgage loan on it because Your neighbor's existing structures encroach onto the Land.
20. You are forced to remove Your existing structures because they encroach onto an easement or over a building set-back line, even if the easement or building set-back line is excepted in Schedule B.
21. Your existing structures are damaged because of the exercise of a right to maintain or use any easement affecting the Land, even if the easement is excepted in Schedule B.
22. Your existing improvements (or a replacement or modification made to them after the Policy Date), including lawns, shrubbery or trees, are damaged because of the future exercise of a right to use the surface of the Land for the extraction or development of minerals, water or any other substance, even if those rights are excepted or reserved from the description of the Land or excepted in Schedule B.
23. Someone else tries to enforce a discriminatory covenant, condition or restriction that they claim affects Your Title which is based upon race, color, religion, sex, handicap, familial status, or national origin.
24. A taxing authority assesses supplemental real estate taxes not previously assessed against the Land for any period before the Policy Date because of construction or a change of ownership or use that occurred before the Policy Date.
25. Your neighbor builds any structures after the Policy Date – other than boundary walls or fences – which encroach onto the Land.
26. Your Title is unmarketable, which allows someone else to refuse to perform a contract to purchase the Land, lease it or make a Mortgage loan on it.
27. A document upon which Your Title is based is invalid because it was not properly signed, sealed, acknowledged, delivered or recorded.
28. The residence with the address shown in Schedule A is not located on the Land at the Policy Date.
29. The map, if any, attached to this Policy does not show the correct location of the Land according to the Public Records.

Our Duty To Defend Against Legal Actions

We will defend Your Title in any legal action only as to that part of the action which is based on a Covered Risk and which is not excepted or excluded from coverage in this Policy. We will pay the costs, attorneys' fees, and expenses We incur in that defense.

We will not pay for any part of the legal action which is not based on a Covered Risk or which is excepted or excluded from coverage in this Policy.

We can end Our duty to defend Your Title under paragraph 4 of the Conditions.

This Policy is not complete without Schedules A and B.

EXCLUSIONS

- In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:
1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
 - a. building
 - b. zoning
 - c. Land use
 - d. improvements on the Land
 - e. Land division
 - f. environmental protectionThis Exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.
This Exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.
 2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
 3. The right to take the Land by condemning it, unless:
 - a. a notice of exercising the right appears in the Public Records at the Policy Date; or
 - b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking.
 4. Risks:
 - a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
 - b. that are Known to You at the Policy Date, but not to Us, unless they appeared in the Public Records at the Policy Date;
 - c. that result in no loss to You; or
 - d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.d, 22, 23, 24 or 25.
 5. Failure to pay value for Your Title.
 6. Lack of a right:
 - a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
 - b. in streets, alleys, or waterways that touch the Land.This Exclusion does not limit the coverage described in Covered Risk 11 or 18.

CONDITIONS

1. **DEFINITIONS.**
 - a. Easement - the right of someone else to use the Land for a special purpose.
 - b. Known - things about which You have actual knowledge. The words "Know" and "Knowing" have the same meaning as Known.
 - c. Land - the Land or condominium unit described in paragraph 3 of Schedule A and any improvements on the Land which are real property.
 - d. Mortgage - a mortgage, deed of trust, trust deed or other security instrument.
 - e. Natural Person - a human being, not a commercial or legal organization or entity. Natural Person includes a trustee of a Trust even if the trustee is not a human being.
 - f. Policy Date - the date and time shown in Schedule A. If the insured named in Schedule A first acquires the interest shown in Schedule A by an instrument recorded in the Public Records later than the date and time shown in Schedule A, the Policy Date is the date and time the instrument is recorded.
 - g. Public Records - records that give constructive notice of matters affecting Your Title, according to the state statutes where the Land is located.
 - h. Title - the ownership of Your interest in the Land, as shown in Schedule A.
 - i. Trust - a living trust established by a human being for estate planning.
 - j. We/Our/Us - Lawyers Title Insurance Corporation.
 - k. You/Your - the insured named in Schedule A and also those identified in paragraph 2.b. of these Conditions.
2. **CONTINUATION OF COVERAGE.**
 - a. This Policy insures You forever, even after You no longer have Your Title. You cannot assign this Policy to anyone else.
 - b. This Policy also insures:
 - (1) anyone who inherits Your Title because of Your death;
 - (2) Your spouse who receives Your Title because of dissolution of Your marriage;
 - (3) the trustee or successor trustee of a Trust to whom You transfer Your Title after the Policy Date; or
 - (4) the beneficiaries of Your Trust upon Your death.
 - c. We may assert against the insureds identified in paragraph 2.b. any rights and defenses that We have against any previous insured under this Policy.
3. **HOW TO MAKE A CLAIM.**
 - a. Prompt Notice Of Your Claim
 - (1) As soon as You Know of anything that might be covered by this Policy, You must notify Us promptly in writing.
 - (2) Send Your notice to Lawyers Title Insurance Corporation, 101 Gateway Centre Parkway, Gateway One, Richmond, Virginia 23235-5153, Attention: Claims Department. Please include the Policy number shown in Schedule A, and the county and state where the Land is located. Please enclose a copy of Your Policy, if available.
 - (3) If You do not give Us prompt notice, Your coverage will be reduced or ended, but only to the extent Your failure affects Our ability to resolve the claim or defend You.
 - b. Proof Of Your Loss
 - (1) We may require You to give Us a written statement signed by You describing Your loss which includes:
 - (a) the basis of Your claim;
 - (b) the Covered Risks which resulted in Your loss;
 - (c) the dollar amount of Your loss; and
 - (d) the method You used to compute the amount of Your loss.
 - (2) We may require You to make available to Us records, checks, letters, contracts, insurance policies and other papers which relate to Your claim. We may make copies of these papers.
 - (3) We may require You to answer questions about Your claim under oath.
 - (4) If You fail or refuse to give Us a statement of loss, answer Our questions under oath, or make available to Us the papers We request, Your coverage will be reduced or ended, but only to the extent Your failure or refusal affects Our ability to resolve the claim or defend You.
4. **OUR CHOICES WHEN WE LEARN OF A CLAIM.**
 - a. After We receive Your notice, or otherwise learn, of a claim that is covered by this Policy, Our choices include one or more of the following:
 - (1) Pay the claim.
 - (2) Negotiate a settlement.
 - (3) Bring or defend a legal action related to the claim.
 - (4) Pay You the amount required by this Policy.
 - (5) End the coverage of this Policy for the claim by paying You Your actual loss resulting from the Covered Risk, and those costs, attorneys' fees and expenses incurred up to that time which We are obligated to pay.
 - (6) End the coverage described in Covered Risk 14, 15, 16 or 18 by paying You the amount of Your insurance then in force for the particular Covered Risk, and those costs, attorneys' fees and expenses incurred up to that time which We are obligated to pay.
 - (7) End all coverage of this Policy by paying You the Policy Amount then in force, and all those costs, attorneys' fees and expenses incurred up to that time which We are obligated to pay.
 - (8) Take other appropriate action.
 - b. When We choose the options in paragraphs 4.a. (5), (6) or (7), all Our obligations for the claim end, including Our obligation to defend, or continue to defend, any legal action.
 - c. Even if We do not think that the Policy covers the claim, We may choose one or more of the options above. By doing so, We do not give up any rights.
5. **HANDLING A CLAIM OR LEGAL ACTION.**
 - a. You must cooperate with Us in handling any claim or legal action and give Us all relevant information.
 - b. If You fail or refuse to cooperate with Us, Your coverage will be reduced or ended, but only to the extent Your failure or refusal affects Our ability to resolve the claim or defend You.
 - c. We are required to repay You only for those settlement costs, attorneys' fees and expenses that We approve in advance.

- d. We have the right to choose the attorney when We bring or defend a legal action on Your behalf. We can appeal any decision to the highest level. We do not have to pay Your claim until the legal action is finally decided.
- e. Whether or not We agree there is coverage, We can bring or defend a legal action, or take other appropriate action under this Policy. By doing so, We do not give up any rights.
- 6. LIMITATION OF OUR LIABILITY.**
- a. After subtracting Your Deductible Amount if it applies, We will pay no more than the least of:
- (1) Your actual loss;
 - (2) Our Maximum Dollar Limit of Liability then in force for the particular Covered Risk, for claims covered only under Covered Risk 14, 15, 16 or 18; or
 - (3) the Policy Amount then in force; and any costs, attorneys' fees and expenses which We are obligated to pay under this Policy.
- b. (1) If We remove the cause of the claim with reasonable diligence after receiving notice of it, all Our obligations for the claim end, including any obligation for loss You had while We were removing the cause of the claim.
- (2) Regardless of 6.b. (1) above, if You cannot use the Land because of a claim covered by this Policy:
- (a) You may rent a reasonably equivalent substitute residence and We will repay You for the actual rent You pay, until the earlier of:
 - (1) the cause of the claim is removed; or
 - (2) We pay You the amount required by this Policy. If Your claim is covered only under Covered Risk 14, 15, 16 or 18, that payment is the amount of Your insurance then in force for the particular Covered Risk.
 - (b) We will pay reasonable costs You pay to relocate any personal property You have the right to remove from the Land, including transportation of that personal property for up to twenty-five (25) miles from the Land, and repair of any damage to that personal property because of the relocation. The amount We will pay You under this paragraph is limited to the value of the personal property before You relocate it.
- c. All payments We make under this Policy reduce the Policy Amount, except for costs, attorneys' fees and expenses. All payments we make for claims which are covered only under Covered Risk 14, 15, 16 or 18 also reduce Our Maximum Dollar Limit of Liability for the particular Covered Risk, except for costs, attorneys' fees and expenses.
- d. If We issue, or have issued, a Policy to the owner of a Mortgage on Your Title and We have not given You any coverage against the Mortgage, then:
- (1) We have the right to pay any amount due You under this Policy to the owner of the Mortgage to reduce the amount of the Mortgage, and any amount paid shall be treated as a payment to You under this Policy, including under paragraph 4.a. of these Conditions;
 - (2) Any amount paid to the owner of the Mortgage shall be subtracted from the Policy Amount of this Policy; and
 - (3) If Your claim is covered only under Covered Risk 14, 15, 16 or 18, any amount paid to the owner of the Mortgage shall also be subtracted from Our Maximum Dollar Limit of Liability for the particular Covered Risk.
- e. If You do anything to affect any right of recovery You may have against someone else, We can subtract from Our liability the amount by which You reduced the value of that right.
- 7. TRANSFER OF YOUR RIGHTS TO US.**
- a. When We settle Your claim, We have all the rights You have against any person or property related to the claim. You must transfer these rights to Us when We ask, and You must not do anything to affect these rights. You must let Us use Your name in enforcing these rights.
- b. We will not be liable to You if We do not pursue these rights or if We do not recover any amount that might be recoverable.
- c. We will pay any money We collect from enforcing these rights in the following order:
- (1) to You for Your loss that You have not already collected;
 - (2) to Us for the costs, attorneys' fees and expenses We paid to enforce these rights;
 - (3) to Us for any money We paid out under this Policy on account of Your claim; and
 - (4) to You whatever is left.
- d. If You have rights under contracts (such as indemnities, guaranties, bonds or other policies of insurance) to recover all or part of Your loss, then We have all of those rights, even if those contracts provide that those obligated have all of Your rights under this Policy.
- 8. ENTIRE CONTRACT.**
- This Policy, with any endorsements, is the entire contract between You and Us. To determine the meaning of any part of this Policy, You must read the entire Policy. Any changes to this Policy must be agreed to in writing by Us. Any claim You make against Us must be made under this Policy and is subject to its terms.
- 9. INCREASED POLICY AMOUNT.**
- The Policy Amount will increase by ten percent (10%) of the Policy Amount shown in Schedule A each year for the first five years following the Policy Date shown in Schedule A, up to one hundred fifty percent (150%) of the Policy Amount shown in Schedule A. The increase each year will happen on the anniversary of the Policy Date shown in Schedule A.
- 10. SEVERABILITY.**
- If any part of this Policy is held to be legally unenforceable, both You and We can still enforce the rest of this Policy.
- 11. ARBITRATION.**
- a. If permitted in the state where the Land is located You or We may demand arbitration.
- b. The arbitration shall be binding on both You and Us. The arbitration shall decide any matter in dispute between You and Us.
- c. The arbitration award may be entered as a judgment in the proper court.
- d. The arbitration shall be under the Title Insurance Arbitration Rules of the American Arbitration Association. You may choose current Rules or Rules in existence on Policy Date.
- e. The law used in the arbitration is the law of the place where the Land is located.
- f. You can get a copy of the Rules from Us.

THANK YOU.

Title insurance provides for the protection of your real estate investment. We suggest you keep this policy in a safe place where it can be readily available for future reference.

If you have questions about title insurance or the coverage provided by this policy, contact the office that issued this policy, or you may call or write:

Lawyers Title Insurance Corporation
 Consumer Affairs
 P.O. Box 27567
 Richmond, Virginia 23261-7567
 telephone, toll free: 800-446-7086
 web: www.landam.com

We thank you for choosing to do business with Lawyers Title Insurance Corporation, and look forward to meeting your future title insurance needs.

Lawyers Title Insurance Corporation
 is a member of the LandAmerica family of title insurance underwriters.



SCHEDULE A

Policy No.: B67 - 432860

Premium: \$810.00

Policy Amount: \$175,000.00

Policy Date: October 29, 2007 at
11:58 AM

Deductible Amounts and Maximum Dollar Limits of Liability For Covered Risk 14, 15, 16 and 18

	<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 14:	<u>1 % of Policy Amount</u> Or <u>\$2500.00</u> (whichever is less)	<u>\$ 15,000.00</u>
Covered Risk 15:	<u>1 % of Policy Amount</u> Or <u>\$2500.00</u> (whichever is less)	<u>\$15,000.00</u>
Covered Risk 16:	<u>1 % of Policy Amount</u> Or <u>\$2500.00</u> (whichever is less)	<u>\$25,000.00</u>
Covered Risk 18:	<u>1 % of Policy Amount</u> Or <u>\$2500.00</u> (whichever is less)	<u>\$25,000.00</u>

Street Address of the Land: 328xx Abrams Avenue
Black Diamond, WA 98010

COMMUNITY DEVELOP.

1. Name of Insured: Russell Cahill, a single person
2. Your Interest in the Land covered by this Policy is: Fee Simple
3. The Land referred to in this Policy is described as:

SEP 16 2008

RECEIVED

All that portion of Section 14, Township 21 North, Range 6 East of the Willamette Meridian, in King County, Washington, described as follows:

Beginning at a point 2,764.64 feet South and 865.57 feet West of the North quarter corner of said Section 14, said point being the Southwest corner of that certain tract of land conveyed to Steve Vernarelli by Deed recorded under Recording No 2985820;
Thence North 65°40' West 355.30 feet, more or less, to a point 20 feet East of the center line of the Old County Road;
Thence Northerly along a line parallel with and 40 feet distant from the East of that certain tract of land conveyed to Anton Malecki, by deed recorded under recording no. 1412460, 430 feet more or less to the Southwest corner of that certain tract of land conveyed to Cornell Manowski, by deed recorded under Recording No. 1491821,
Thence North 82°48' East 222 feet, more or less, to the Northwest corner of said tract of land conveyed to Steve Vernarelli by deed recorded under Recording No. 2985820;
Thence South 23°45'50" East 399.05 feet;
Thence South 00°53' West 235.31 feet to the Point of Beginning.

10/1/2000
10/1/2000

10/1/2000
10/1/2000

10/1/2000
10/1/2000

POLICY OF TITLE INSURANCE

SCHEDULE A

Amount of Insurance: \$175,000.00

Policy Number: B67 - 432860

Premium: \$810.00

Order Number: 432860

Date of Policy: October 29, 2007 at 11:58 AM

1. Name of Insured:

Russell Cahill, a single person

2. The estate or interest in the land which is covered by this policy is: **Fee Simple**, and is at Date of Policy vested in:

The Named Insured

3. The land referred to in this policy is situated in the County of King, State of Washington, and is identified as follows:

See attached Exhibit A

Rainier Title, Agent for Lawyers Title Insurance Corporation

Countersigned: _____



Authorized Officer of Agent

COMMUNITY DEVELOP.

SEP 16 2008

RECEIVED

EXHIBIT A

All that portion of Section 14, Township 21 North, Range 6 East of the Willamette Meridian, in King County, Washington, described as follows:

Beginning at a point 2,764.64 feet South and 865.57 feet West of the North quarter corner of said Section 14, said point being the Southwest corner of that certain tract of land conveyed to Steve Vernarelli by Deed recorded under Recording No 2985820;

Thence North 65°40' West 355.30 feet, more or less, to a point 20 feet East of the center line of the Old County Road;

Thence Northerly along a line parallel with and 40 feet distant from the East of that certain tract of land conveyed to Anton Malecki, by deed recorded under recording no. 1412460, 430 feet more or less to the Southwest corner of that certain tract of land conveyed to Cornell Manowski, by deed recorded under Recording No. 1491821,

Thence North 82°48' East 222 feet, more or less, to the Northwest corner of said tract of land conveyed to Steve Vernarelli by deed recorded under Recording No. 2985820;

Thence South 23°45'50" East 399.05 feet;

Thence South 00°53' West 235.31 feet to the Point of Beginning.

END OF SCHEDULE A

SCHEDULE B

SPECIAL EXCEPTIONS

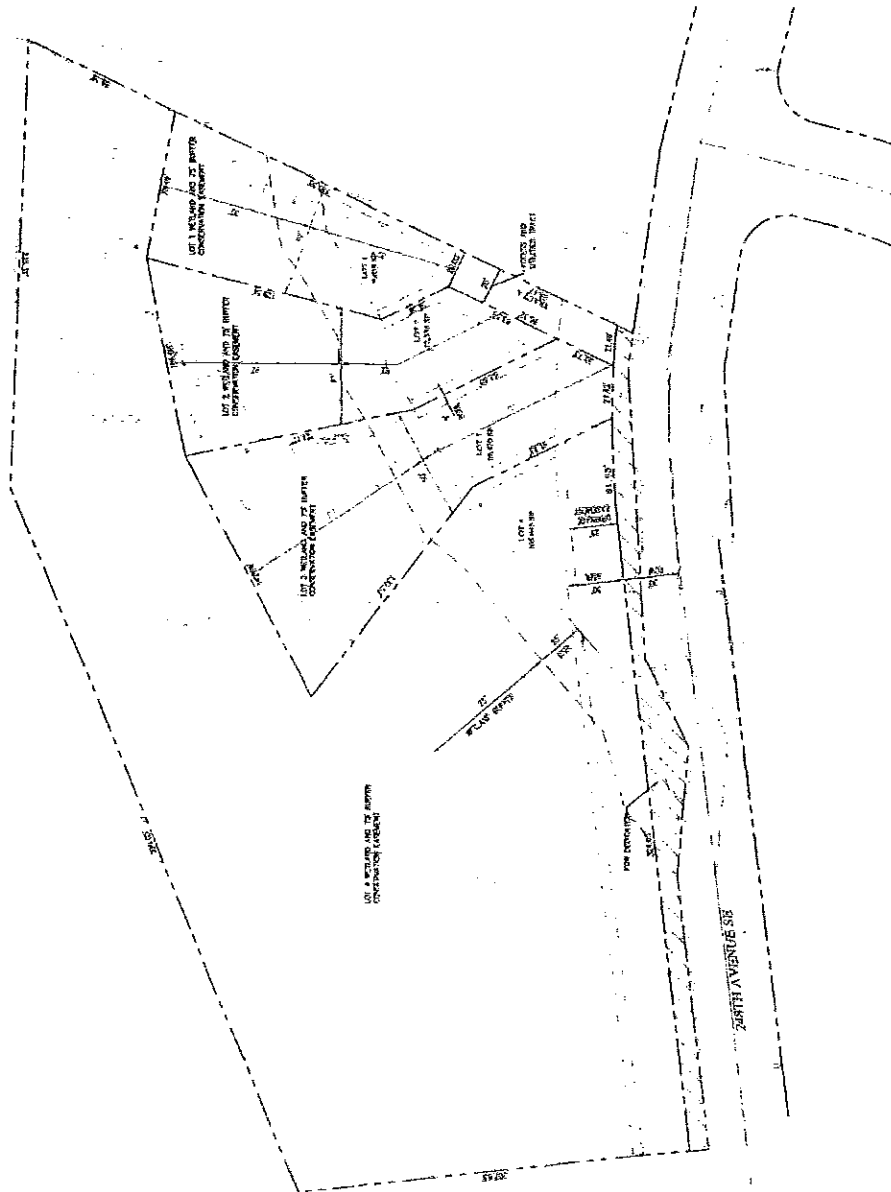
1. Exceptions and reservations contained in deed from Pacific Coast Coal Company recorded August 13, 1920, under Recording No. 1442591, whereby the first party expressly saves, excepts and reserves out of the grant hereby made unto itself, its successors and assigns forever, all ores and minerals of any nature whatsoever in or upon said lands, including coal, oil and gas, together with the right to enter upon said lands for the purpose of exploring the same for such ores and minerals, and for the purpose of drilling, opening, developing and working mines and wells hereon, and taking out and removing therefrom all such ores and minerals, and to occupy and make use of so much of the surface of said land as may be reasonably necessary for said purpose; provided that the second party, their heirs, representatives, successors or assigns shall be paid just and reasonable compensation for any injury or damage to the surface of said land, to the crops or to the improvements thereon by the exercise of any rights herein reserved; but provided further that the exercise of such right by the first party shall not be postponed or delayed pending reasonable efforts to agree upon or have determined such just and reasonable compensation.

2. Covenants, conditions and restrictions but omitting restrictions, if any, based upon race, color, creed or national origin, imposed by instrument recorded on August 13, 1920, under Recording No. 1442591, including but not limited to rights or benefits which may be disclosed affecting land outside the boundary described in Schedule A.

END OF SCHEDULE B

NW 1/4, SEC. 14, TWP. 21, R. 6 E., W.M.

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LOT LAYOUT
 SCALE: 1"=50'



Taylor Engineering Consultants
 205 North 25th St.
 P.O. Box 1781
 Fargo, ND 58107
 Phone: (701) 785-1111
 Fax: (701) 785-1115

BLACK DIAMOND PLAT
 10000 10th Avenue SE
 Burien, Oklahoma 73409

Developer:
 Mr. Donald Reed
 2101 10th Avenue SE
 Burien, Oklahoma 73409

Job Data:
 Project No: 104-1122
 Name: REED
 Date: 11/11/11
 Location: ND

Author/Drawn/Type:
 Drawn: [Name]
 Checked: [Name]
 Date: [Date]

Project Agency:
 City of Burien, Oklahoma



Professional Engineer:
 Name: [Name]
 License No: [Number]
 State: Oklahoma

Project Title:
 PRELIMINARY PLAT

Sheet No:
 1.1

PRELIMINARY PLAT

CITY COUNCIL AGENDA BILL

City of Black Diamond
Post Office Box 599
Black Diamond, WA 98010

ITEM INFORMATION			
SUBJECT: Resolution No. 08-549, authorizing the Mayor to execute Amendment #1 to the Professional Services Agreement with PacWest for the Water System Plan update	Agenda Date: October 16, 2008		AB08-107
	Department/Committee/Individual	Created	Reviewed
	Mayor Howard Botts		
	City Administrator –Gwen Voelpel		
	City Attorney – Loren D. Combs		
	City Clerk – Brenda L. Streepy		X
	Finance – May Miller		
	Public Works – Seth Boettcher	X	
	Economic Devel. – Andy Williamson		
	Police – Jamey Kiblinger		
Court – Kaaren Woods			
Cost Impact: \$13,565			
Fund Source: Water Capital Reserve			
Timeline: As soon as possible as information is needed for the Comprehensive Plan			
Attachments: Resolution No. 08-549, Amendment #1, Letter from PacWest dated 10/02/2008, Map			
BACKGROUND: In June of 2007 the Council authorized a contract with PacWest Engineering to prepare the Water System Comprehensive Plan. Since that time the developer’s plans have become clearer and the City’s Land Use Plans have changed. The City Council authorized the Mayor to transmit the Water Comprehensive Plan to the State Department of Health for their review on June 5 th , 2008. The Department of Health has returned their comments to the City. It was noted during the review that the Land Use Plans have changed substantially.			
SUMMARY STATEMENT: The population forecasts and corresponding water demands will need to be updated. The change in land use will also affect the fire flow requirements. The water system model will need to be updated, which will provide the information needed to reassess the recommended pipe sizes and the capital projects that will be needed to serve the developments of the City.			
COMMITTEE REVIEW AND RECOMMENDATION:			
RECOMMENDED ACTION: MOTION to adopt Resolution No. 08-549, authorizing the Mayor to execute Amendment #1 to the Professional Services Agreement with PacWest, Engineering for the Water System Plan update.			
RECORD OF COUNCIL ACTION			
<i>Meeting Date</i>	<i>Action</i>	<i>Vote</i>	
October 16, 2008			

RESOLUTION NO. 08-549

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, KING COUNTY, WASHINGTON AUTHORIZING THE MAYOR TO EXECUTE AMENDMENT #1 TO THE PROFESSIONAL SERVICES AGREEMENT BETWEEN PACWEST ENGINEERING AND THE CITY OF BLACK DIAMOND

WHEREAS, the City Council authorized PacWest to update the City's Water Comprehensive Plan in June 2007 and;

WHEREAS, the Water Comprehensive Plan is nearly complete based on the Land Use Plans that were in place in 2007, and;

WHEREAS, the current Land Use Plan under consideration by the Council and anticipated by the major developers within the City has changed substantially and;

WHEREAS, the City will need guidance for the proper planning for the water utility that will match the land use and;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. The Mayor is hereby authorized to execute Amendment #1 to the Professional Service Agreement between PacWest and the City to update the Water Comprehensive Plan to match our current Land Use Plan, as contained in the form attached hereto as Exhibit A and for a cost not to exceed \$13,565.

PASSED BY THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, AT A REGULAR MEETING THEREOF, THIS 16TH DAY OF OCTOBER, 2008.

CITY OF BLACK DIAMOND:

Howard Botts, Mayor

Attest:

Brenda L. Streepy, City Clerk

Amendment #1 to Professional Services Agreement between PacWest Engineering and the City of Black Diamond

This Professional Services Agreement Amendment is dated, October 16, 2008 and is entered into by and between:

CITY OF BLACK DIAMOND, WASHINGTON (the "City")
24301 Roberts Drive
PO Box 599
Black Diamond, WA 98010
Contact: Seth Boettcher, Public Works Director
Phone:360-886-2560 Fax : 360-886-2592

and

PacWest Engineering ("Consultant")
5009 Pacific Highway E., Suite 9-0
Fife, WA 98424
Contact: Leonard Smith, PE/PLS
Phone: 253-926-3400 Fax: 253-926-3402

This amendment authorizes the update of the Water Comprehensive Plan to be consistent with the Comprehensive Plan by PacWest Engineering for the City of Black Diamond to include:

- Project Management and Coordination;
- Water System Modeling and Analysis;
- Updates to the Draft Water System Plan;
- Updates to Water Rate Study;

Project budget not to exceed \$13,565.00.

CITY OF BLACK DIAMOND

CONSULTANT

By: _____

By: _____

Howard Botts

Printed Name: _____

Its: Mayor

Its: _____

Date: _____

Date: _____

Attest:

By:

Brenda L. Streepy
CityClerk

October 2, 2008



City of Black Diamond
Seth Boettcher, PE
Public Works Director
24301 Roberts Drive
Black Diamond, WA 98010

RE: Proposed Contract Amendment for the Water System Plan Update

Dear Mr. Boettcher:

PacWest Engineering prepared an updated Water System Plan for the City of Black Diamond which was submitted to the Department of Health in June. Comments have been received from DOH and we sat down with the City to review these comments prior to incorporating these changes into the plan.

As part of that discussion, the City has indicated that they would like to include updated population forecasts and land use data in the water system plan. The City has recently completed significant efforts on the update of their Comprehensive Plan. It is the City's desire that the Water System Plan be consistent with the Comprehensive Plan. The information that is included in the Comprehensive Plan was not available at the time when the draft Water System Plan was prepared.

This will require significant revisions to the draft Water System Plan, thus the City and PacWest Engineering reached the mutual decision that a contract amendment would be appropriate as these services were not included in the original Water System Plan contract. Therefore, we respectfully submit this proposed scope of services and costs for a contract amendment.

SCOPE OF SERVICES

Task 1 – Project Management & Coordination

PacWest Engineering will provide general project management services. PacWest Engineering will attend meetings with the City and other agencies as required in order to produce a revised Water System Plan that meets applicable regulations and serves the needs of the City.

Task 2 – Water System Modeling & Analysis

PacWest Engineering will revise the water system model that has been developed to reflect the updated population forecasts and corresponding water demands. This will require a significant effort to revise the demand nodes within the model, as well as to reflect these changes to each of the eight scenarios that have been analyzed (current conditions, years 1-6, and year 20). We will also incorporate the updated land use map into the document. This will affect the proposed fire flow demands that have been included in the model. PacWest Engineering will analyze the updated model and will revise the proposed capital improvement projects that will be needed to address the updates. It is anticipated that there may be significant changes to the proposed capital improvement program to accommodate newly proposed commercial areas in town, as the current draft Water System Plan assumes primarily residential development for all future development.

Task 3 – Updates to the Draft Water System Plan

PacWest Engineering will incorporate the results of the updated water system modeling and analysis into the draft Water System Plan for resubmittal to the Department of Health. This will require

5009 Pacific Highway E, Unit 9-0
Fife, WA 98424
(253) 926-3400
(253) 926-3402 fax

PACWEST ENGINEERING LLC

City of Black Diamond - Proposal for Water System Plan Contract Amendment

Pg 1 of 2

modifications to many sections of the plan, including, but not limited to: Chapter 3 – Basic Planning Data & Water Demand; Chapter 4 – System Analysis; Chapter 9 – Improvement Program; and Chapter 10 – Financial Program. The updating modeling will also require revisions to the maps included in the plan, as well as to the modeling spreadsheets included throughout the plan document.

PacWest Engineering will also develop a policy regarding how the City responds to request for new water service. This is part of the 'duty to serve' requirement established by the Municipal Water Law.

Task 4 – Updates to Water Rate Study

Modifications to the proposed Capital Improvement Program and planned six year financial program may affect the Water Rate Study that has recently been completed. PacWest Engineering will update this water rate study. Costs associated with the revised water rate study will be covered under our existing budget for that contract and will not require additional professional fees beyond our existing water rate study contract.

PROJECT SCHEDULE

The Department of Health has requested that resubmittal of the plan occur by or before December 15, 2008. This will require PacWest Engineering to begin working on these changes as soon as possible. Additionally, these changes may affect the proposed water rates and we would like to provide an updated study with sufficient time for Council adoption to still meet a January 1st implementation date. This will require us to begin making these changes immediately. PacWest Engineering is prepared to begin work immediately on this scope of services following approval of this contract amendment and receipt of updated land use and population forecast data.

PROJECT BUDGET

PacWest Engineering proposes to complete the above scope of services per the attached cost breakdown spreadsheet. Reimbursable items (i.e. copies of the plan) will be provided at cost + 10%. These costs have not been included in the project budget as it is unknown at this time the number of copies that reviewing agencies may want to receive.

All application and review fees will be the responsibility of the client. Any services not specifically covered in this proposal that are required for completion of the project, are not included in this proposal. PacWest will be pleased to provide any additional services on an hourly basis.

Thank you for the opportunity to submit this proposal. If you have any questions, please contact me at (253) 926-3400 x 433.

Sincerely,



Leonard L. Smith, PE/PLS
President

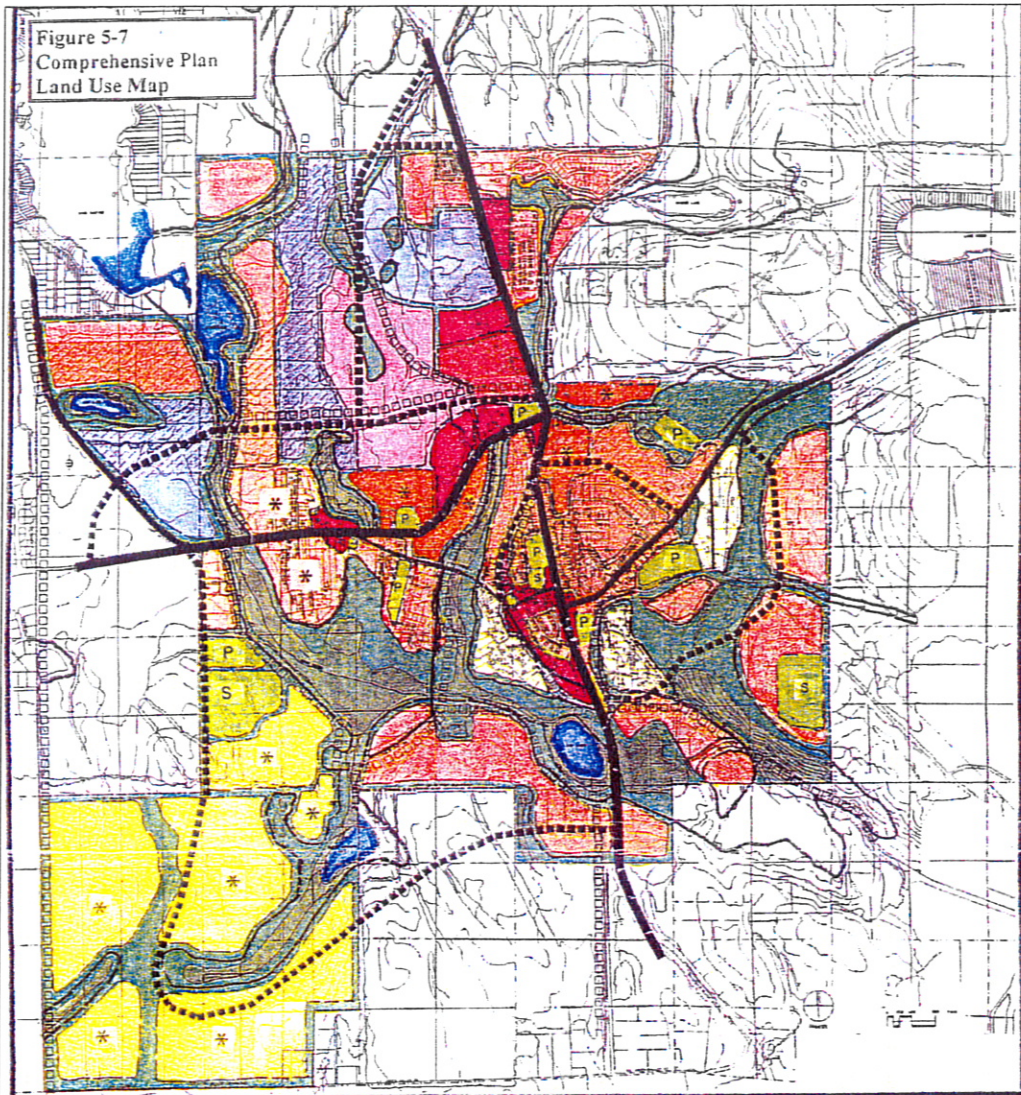
**City of Black Diamond
Water System Plan - Contract Amendment**

PacWest Engineering							
	Leonard L. Smith, PE/PLS	Christine Smith, PE	Tobias Mollet, LSIT	Hrs	Subtotal	Administrative Expenses *	Total ***
Hourly Rate	\$145	\$125	\$85				
Task 1 – Project Management & Coordination	10	0	0	10	\$1,450	\$75	\$1,525
Task 2 – Water System Modeling & Analysis	10	40	0	50	\$6,450	\$325	\$6,775
Task 3 - Updates to the Draft Water System Plan	8	24	10	42	\$5,010	\$255	\$5,265
Task 4 - Updates to Water Rate Study **	0	0	0	0	\$0	\$0	\$0
TOTAL PROJECT HOURS	28	64	10	102	-	-	-
TOTAL PROJECT COST	\$4,060	\$8,000	\$850		\$12,910	\$655	\$13,565
PERCENTAGE OF TOTAL HOURS	27%	63%	10%				
		100%					

*Note: Administrative Expenses are calculated at 5% of the budget and include costs for Administrative staff, miscellaneous photocopies, telephone charges, printing, etc.

**PacWest Engineering will complete the revisions to the Water Rate Study under our current Water Rate Study contract. Additional fees for professional services will not be necessary for this task.

***Reimbursable items (i.e. copies of the plan) will be billed at Cost + 10% and are not included in the total amount shown below



LEGEND

City of Black Diamond Comprehensive Plan

OPEN SPACE	RESIDENTIAL LAND USE	EMPLOYMENT LAND USE
Primary Open Space (Environmentally Sensitive Areas and Buffers - Designated as TDR sending area)	Low Density Residential (1 to 2 units / acre - Designated as TDR sending area)	Commercial (Retail, Wholesale and Services)
Secondary Open Space (Recreation, Passive Parks & Natural Areas and Community Facilities - Designated as TDR sending area)	Residential Planned Development 1 Unit / acre or 4 units/ acre using TDR's	Mixed Use (Commercial, Office Residential & limited Light Industrial)
Schools and Parks (Existing and Proposed)	Medium Density Residential (4 to 8 units / acre)	Business Park & Light Industrial
Transfer of Development Rights (TDR) Receiving Area	High Density Residential (9 to 12 units / acre using TDR's)	Industrial
Trails 8/8/96 Ryan Planning Resources	Existing Roads	Interim Mineral Extraction
		Proposed Roads

Note: All of the proposed trails, parks, schools, and road locations on this map are approximate. The intent is to show a basic concept. Exact locations shall be determined after engineering and environmental review.

Figure 2.7, Land Use