

Legislation, Policy & Plans Governing Environmental Protection in Edmonton		Project KVI	Environmental Controls	Project Applicability
<b>Federal Level</b>				
<b>Title</b>	Canadian Environmental Assessment Act - Current to June 17, 2009	Comprehensive set of environmental KVI's	Environmental Assessment Report & Go-Ahead Approval by Federal Responsible Authority	Not Applicable No identified triggers
<b>Admin. Authority</b>	Environment Canada			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	a) Ensure that projects avoid significant adverse environmental effects; b) Encourage sustainable development; - Eliminate duplication in the environmental assessment process; - Promote cooperation & coordinated action between federal & provincial governments with EA processes; - Promote communication & cooperation between responsible authorities & Aboriginal peoples with EAs; c) Ensure that projects in Canada or on federal lands avoid significant adverse environmental effects outside the jurisdictions; d) <del>Ensure that there be public participation throughout the environmental assessment process.</del>			
<b>Title</b>	Canadian Environmental Protection Act - Current to March 5, 2010	Comprehensive set of environmental KVI's	Various regulations on a variety of topics	Not Applicable No directly applicable regulations
<b>Admin. Authority</b>	Environment Canada			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Prevention of pollution & the protection of the environment & human health in order to contribute to sustainable development			
<b>Title</b>	Migratory Birds Convention Act - Current to March 5, 2010	Migratory birds	Clearing & disturbances prohibited during nesting (for Edmonton: April 15 to July 31)	Not Applicable No trees on Project site
<b>Admin. Authority</b>	Environment Canada			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Protection & conservation of migratory birds, as populations & individual birds, & their nests			
<b>Title</b>	Navigable Waters Protection Act - Current to March 5, 2010			Not Applicable No navigable waters on site
<b>Admin. Authority</b>	Environment Canada			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Protection of navigable waters			
<b>Title</b>	Species at Risk Act - Current to March 23, 2010	Species at risk	Prohibitions & management plans	APPLICABLE Highly disturbed site
<b>Admin. Authority</b>	Environment Canada			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Prevention of wildlife species from being extirpated or becoming extinct, providing for the recovery of wildlife species that are extirpated, endangered or threatened as a result of human activity, & management of species of special concern to prevent them from becoming endangered or threatened.			
<b>Title</b>	Fisheries Act - Current to March 5, 2010	River water quality, Fish habitat for fish bearing water bodies	Authorization required for habitat alteration, disruption or destruction (HADD), & deleterious materials	Not Applicable No fish habitat affected
<b>Admin. Authority</b>	Department of Fisheries & Oceans			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Protection of fish habitat & water quality related to fish habitat			

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<b>Provincial Level</b>				
<b>Title</b>	Water Act	Wetlands, Water, Groundwater	Authorizations required for diversions. Code of Practice for water body crossing.	Not Applicable No water diversions or affects on groundwater
<b>Admin. Authority</b>	Alberta Environment			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Support & promotion of the conservation & management of water			
<b>Title</b>	Environmental Protection & Enhancement Act - Environmental Assessment Regulations	Comprehensive set of environmental KVI's	Selected regulations, guidelines & authorizations	Not Applicable May be some relevance relating to waste regulations
<b>Admin. Authority</b>	Alberta Environment			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Support & promotion of the protection, enhancement & wise use of the environment. Regulations cover multiple topics including, regulated activities, waste management, contaminant management, stormwater, municipal water systems, land reclamation & environmental assessment			
<b>Title</b>	Wetland Policy	Wetlands	Compensation	Not Applicable No wetlands affected by project
<b>Admin. Authority</b>	Alberta Environment			
<b>Regulatory Level</b>	Policy			
<b>Description</b>	Protection of naturally occurring wetlands			
<b>Title</b>	Public Lands Act	Public land, Wetlands, Bed & Shore of Water Body	License of occupation	Not Applicable
<b>Admin. Authority</b>	Alberta Sustainable Resources Development			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Protection of public land			
<b>Title</b>	Alberta Wildlife Act	Wildlife Population, Wildlife Habitat		Not Applicable Highly disturbed site
<b>Admin. Authority</b>	Alberta Sustainable Resources Development			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Protection & management of wildlife & wildlife habitat			
<b>Title</b>	Alberta Fisheries Act	Fisheries		Not Applicable No fisheries affected by project
<b>Admin. Authority</b>	Alberta Sustainable Resources Development			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Protection & management of fisheries			
<b>Title</b>	Municipal Government Act	Statutory plans, Area Redevelopment Plans	Statutory plans & municipal approvals	Refer to River Valley Area Redevelopment Plan Bylaw 7188
<b>Admin. Authority</b>	Alberta Municipal Affairs			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Authority for municipal government including statutory planning, parks, environmental reserves			
<b>Title</b>	Historical Resources Act	Historical resources	Prohibitions & management plans	APPLICABLE
<b>Admin. Authority</b>	Alberta Tourism, Parks & Recreation			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Preservation & study of historical resources			
<b>Title</b>	Storm Water Management Guidelines for the Province of Alberta - January 1999	Stormwater Management & Quality	Plan	BROADLY APPLICABLE
<b>Admin. Authority</b>	Province of Alberta			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	Guideline document for the planning and design of stormwater management systems in Alberta. Outlines objectives of stormwater management and the available methodologies and concepts for the planning, design and operation of stormwater drainage systems. Also discusses stormwater quality.			
<b>Municipal &amp; Regional Level</b>				
<b>Title</b>	Integrated Watershed Management Plan (in progress)	Watershed	Planning & voluntary controls	Not Applicable
<b>Admin. Authority</b>	North Saskatchewan Watershed Alliance - Regional			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	Protect & improve water quality & ecosystems functioning in the North Saskatchewan River watershed.			
<b>Title</b>	A Plan of Action for the Capital Region River Valley Park	Land Use Planning	Planning controls	BROADLY APPLICABLE Supports upgrades to FEP & protection of the river valley
<b>Admin. Authority</b>	River Valley Alliance - Regional			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	Plan for protection & recreation development for river valley from Devon to Fort Saskatchewan			
<b>Title</b>	Zoning Bylaw (12800) - Last revised May 1, 2009	Land Use Planning	Zoning	APPLICABLE Section 541, Appendix I defines appropriate land uses within FEP, and protection of environmentally sensitive areas around the park
<b>Admin. Authority</b>	Planning & Development - City of Edmonton			
<b>Regulatory Level</b>	Legislation			
<b>Description</b>	Dictates the rules & regulations for the development of land in Edmonton			
<b>Title</b>	Sustainable Building Policy (C-532) - Updated 2007	Ecological Footprint	Policies	APPLICABLE
<b>Admin. Authority</b>	Planning & Development - City of Edmonton			
<b>Regulatory Level</b>	Policy			
<b>Description</b>	To ensure that City-owned new facilities & major renovations are designed & constructed to an environmentally sustainable standard, all new buildings & major renovations will be designed & constructed to meet LEED Silver Standard as a minimum & be formally LEED certified			

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<b>Title</b>	Top of Bank Policy - Approved by City Council February 17, 2010	Slope Stability, Flooding, Fire	Development restrictions & setbacks	Not Applicable
<b>Admin. Authority</b>	Planning & Development - City of Edmonton			
<b>Regulatory Level</b>	Policy			
<b>Description</b>	<ul style="list-style-type: none"> <li>• Ensure urban development is safe from environmental hazards resulting in loss to persons &amp; property.</li> <li>• Protect the River Valley &amp; Ravine System from urban development that may compromise its integrity &amp; long term stability.</li> <li>• Provide access to a continuous circulation system along the entire length of the Upland Area abutting the River Valley &amp; Ravine System.</li> <li>• Ensure preservation of the River Valley &amp; Ravine System as a significant visual &amp; natural amenity feature, contributor to the ecological functionality of natural areas system, &amp; recreational opportunity.</li> </ul>			
<b>Title</b>	River Valley Area Redevelopment Plan - Bylaw #7188 - 1985 (consolidated 2009)	Land Use Planning, Ecosystem Protection	Development approvals & requirements for Environmental Reviews	APPLICABLE
<b>Admin. Authority</b>	Planning & Development - City of Edmonton			
<b>Regulatory Level</b>	Bylaw			
<b>Description</b>	Protection of the North Saskatchewan River Valley & Ravine System & establishment of principles for future implementation plans & programmes for parks development & the retention of the designated residential areas of Rossdale & Cloverdale & part of a comprehensive River Valley & Ravine management programme, by enunciating policies & a plan of action.			
<b>Title</b>	Community Standards Bylaw C14600 - Noise Control	Noise Pollution Prevention	Regulations	APPLICABLE
<b>Admin. Authority</b>	Planning & Development - City of Edmonton			
<b>Regulatory Level</b>	Bylaw			
<b>Description</b>	Regulation of the conduct & activities of people on privately owned property & immediately adjacent areas.			
<b>Title</b>	Environmental Policy (C-512) - Update 2006	Ecosystem Protection		APPLICABLE
<b>Admin. Authority</b>	Office of the Environment - City of Edmonton			
<b>Regulatory Level</b>	Policy			
<b>Description</b>	Promotion of environmentally sustainable community development; environmental stewardship of the City's operations, products & services			
<b>Title</b>	Environmental Management System Policy (C-505) - Update 2004	Environmental risks & regulatory	EMS practice & documentation	APPLICABLE
<b>Admin. Authority</b>	Office of the Environment - City of Edmonton			
<b>Regulatory Level</b>	Policy			
<b>Description</b>	Commitment to conscientious & responsible environmental management, practices, & stewardship, with establishing the international standard, ISO 14001, as the benchmark for a corporate Environmental Management System (EMS). Standard EMS practices will address environmental regulatory compliance, pollution prevention & continual improvement, & will demonstrate environmental leadership in the community & to stakeholders.			
<b>Title</b>	EnvISO (Environmental Management System) - Updated 2004	Environmental risks & regulatory	EMS practice & documentation	APPLICABLE
<b>Admin. Authority</b>	Office of the Environment - City of Edmonton			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	An Environmental Management System (EMS) is part of an organization's management system used to develop & implement its environmental policy & manage its environmental aspects. It comprises a set of management processes & procedures that allows an organization to analyze, control & reduce the environmental impact of its activities, products & services, & operate with greater efficiency & control. The EMS is built on ISO 14001's Plan-Do-Check-Act model & is designed to help systematically identify, control & monitor environmental issues. The overall aim of ISO 14001 is to support environmental protection & prevention of pollution in balance with socio-economic needs.			
<b>Title</b>	Environmental Strategic Plan - Updated 2006	Ecosystem Protection	Policies & programs	BROADLY APPLICABLE
<b>Admin. Authority</b>	Office of the Environment - City of Edmonton			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	Provide long-term direction through policies & programs for maintaining & enhancing the quality of the natural environment & enable Edmonton to become a leader among municipalities in maintaining & enhancing the local & global environments			
<b>Title</b>	Natural Areas Systems Policy (C-531) - Updated 2007	Ecosystem Protection	Policy & project revisions	APPLICABLE
<b>Admin. Authority</b>	Office of the Natural Areas - City of Edmonton			
<b>Regulatory Level</b>	Policy			
<b>Description</b>	<ul style="list-style-type: none"> <li>• Enhance &amp; sustain the quality of life</li> <li>• Conserve, protect, &amp; restore biodiversity, recognizing the urban context.</li> <li>• Ensure consistent, uniform &amp; equitable conservation practices that are based on the best available science;</li> <li>• Direct administration to plan so ecological systems will function effectively at neighbourhood, city &amp; regional scales, conserve natural area systems in discharging their duties, &amp; require ecological information to support planning &amp; development applications;</li> <li>• Conserve, protect, &amp; restore natural area systems through the physical planning &amp; development process; according to the provisions of all levels of policy &amp; legislation;</li> <li>• Encourage voluntary conservation &amp; corporate &amp; private sponsorship of natural sites;</li> <li>• Promote awareness &amp; participation of landowners, general public &amp; non-government organizations in conserving, preserving, &amp; restoring natural sites;</li> <li>• Incorporate the local ecological knowledge of citizens &amp; organizations into decisions.</li> </ul>			
<b>Title</b>	Biodiversity Action Plan - Updated 2008	Ecosystem Protection		BROADLY APPLICABLE
<b>Admin. Authority</b>	Office of the Natural Areas - City of Edmonton			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	Articulates actions through which to implement the vision, goals & strategic directions identified in Natural Connections.			

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<b>Title</b>	Natural Areas Connections Strategic Plan - Updated 2007	Ecosystem Protection	Policy & Plans	BROADLY APPLICABLE
<b>Admin. Authority</b>	Office of the Natural Areas - City of Edmonton			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	A strategic plan for the conservation & restoration of Edmonton's natural systems & biodiversity. The plan outlines an ecological network approach to protecting biodiversity, managing it for the long-term, & engaging the community.			
<b>Title</b>	Corporate Tree Management Policy (C-456) - Updated 1989	Tree Canopy	Tree management practises & compensation for losses	BROADLY APPLICABLE No trees on Project site, but construction access may overlap with treed areas
<b>Admin. Authority</b>	Parks Branch - City of Edmonton			
<b>Regulatory Level</b>	Policy			
<b>Description</b>	Protection of trees on Municipal property by: - ensuring the development of the City's tree inventory through new & replacement plantings of first year & other losses, & through proper maintenance & enforcement of Bylaw #7829 (Boulevard Bylaw); - ensuring that all trees on City properties are adequately protected from unnecessary destruction, loss or damage by civic entities. Where salvage is not possible, to ensure that equitable compensation and/or replacement for all such affected trees occurs as per Bylaw #7829; - providing for a tree reserve account that enables the carry forward of funds received for tree losses and/or damage to be used for the procurement & planting of trees in subsequent years; and - Coordinating all City tree planting programs			
<b>Title</b>	Integrated Pest Management Policy (C-501) - Updated 2004	Contaminant-free environment	Policies	Not Applicable
<b>Admin. Authority</b>	Parks Branch - City of Edmonton			
<b>Regulatory Level</b>	Policy			
<b>Description</b>	Minimization of the use of pesticides on City property but where required, use them responsibly in the control of pests			
<b>Title</b>	Parkland & North Saskatchewan River Valley Utility Installation Policy (C-307) - Updated 1989	Ecosystem Protection & Parks Protection		Not Applicable
<b>Admin. Authority</b>	Parks Branch - City of Edmonton			
<b>Regulatory Level</b>	Policy			
<b>Description</b>	Reduction of City expenditures to restore parkland & River Valley damaged during utility installations by City Utilities, & elimination of Parks & Recreation expenditures to restore parkland & the River Valley damaged during utility installations by non-city agencies			
<b>Title</b>	Wildlife Management Policy (in progress)	Wildlife & Wildlife Habitat	Policy	Not Applicable
<b>Admin. Authority</b>	Parks Branch - City of Edmonton			
<b>Regulatory Level</b>	Policy			
<b>Description</b>				
<b>Title</b>	Urban Parks Management Plan - Updated 2006	Ecosystem Protection, Land Use Planning, Ecological Design	Policy & Plans	BROADLY APPLICABLE
<b>Admin. Authority</b>	Parks Branch - City of Edmonton			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	Provides strategic direction for the acquisition, design, construction, maintenance, preservation & use of parks, outlining parkland management principles to the City & all its development partners. The UPMP spans ten years & provides direction for community, City, & school facility land planning			
<b>Title</b>	Roadways & Parks Naturalization Plan	Ecosystem Restoration	Policy	Not Applicable
<b>Admin. Authority</b>	Parks Branch - City of Edmonton			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	Guideline document for naturalization of parks & roadway sites			
<b>Title</b>	Ribbon of Green Master & Concept Plans - Updated 1992	River Valley Protection & Appropriate Recreation Development	Policy	BROADLY APPLICABLE
<b>Admin. Authority</b>	Parks Branch - City of Edmonton			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	Plan for North Saskatchewan River Valley parks & trail system			
<b>Title</b>	Municipal Development Plan - Amended September 10, 2008	Natural Areas Protection	Plan	Not Applicable
<b>Admin. Authority</b>	Planning & Development - City of Edmonton			
<b>Regulatory Level</b>	Plan			
<b>Description</b>	Long term development plan for Edmonton - physical, economic & social development - including growth patterns, future land use and transportation systems.			
<b>Title</b>	Drainage Services Stormwater Quality Strategy - January 2006	Stormwater Management & Quality	Plan & Policy	APPLICABLE
<b>Admin. Authority</b>	Drainage Services - Asset Management and Public Works - City of Edmonton			
<b>Regulatory Level</b>	Plan & Policy			
<b>Description</b>	Outlines principles and policies towards management of stormwater release into the North Saskatchewan River			
<b>Title</b>	Sewers Bylaw (C-9425) & Sewer Use Bylaw C9675 - both consolidated November 24, 2009	Stormwater Management & Quality	Regulations	APPLICABLE
<b>Admin. Authority</b>	Drainage Services - Asset Management and Public Works - City of Edmonton			
<b>Regulatory Level</b>	Bylaw			
<b>Description</b>	Regulates sewer connections use of sewers and stormwater management facilities, and associated releases			
<b>Title</b>	City of Edmonton Design & Construction Standards		Regulations	APPLICABLE
<b>Admin. Authority</b>	Planning & Development - City of Edmonton			
<b>Regulatory Level</b>	Policy			
<b>Description</b>	Outlines the standards for construction when doing work for the City of Edmonton - including street/road work, landscaping, water/drainage, power			