

**Alberta Culture & Community Spirit**

***Listing of Historic Resources***

**Instructions for Use**

Part 1 – General Information

Part 2 – Applying for *Historical Resources Act* Clearance

Part 3 – Recommended Action Matrices

Part 4 – Government Contacts

# Part 1 – General Information

## 1.1 Introduction

The *Listing of Historic Resources* (“*Listing*”) identifies lands that contain or are believed to contain historic resources, including primarily archaeological and palaeontological sites, Aboriginal traditional use sites of a historic resource nature, and historic structures. Issued twice a year, it provides industry and other developers with advance notification of possible historic resource concerns.

The *Listing* does **not** include all lands that may contain historic resources. When previously unknown historic resources are discovered, their locations are added to the *Listing*.

In accordance with Section 37(2) of the Alberta *Historical Resources Act* (“*Act*”), the Minister of Alberta Culture & Community Spirit (ACCS) may require that any proposed activity likely to threaten the integrity of a historic resource, whether or not its location is on the *Listing*, be preceded by a Historic Resources Impact Assessment (HRIA). Once a report describing the HRIA has been submitted to ACCS, the Minister may require avoidance of the threatened historic resource, or allow the historic resource to be destroyed after sufficient study. The proposed activity may proceed only after the Minister has issued clearance under the *Act*.

The *Act* applies to all lands within provincial jurisdiction, both publicly and privately owned.

The Minister has delegated authority for issuing requirements and clearances under Section 37(2) of the *Act* to the Executive Director of ACCS’s Historic Resources Management Branch.

## 1.2 Historic Resource Value (HRV) and Historic Resource Category

Each land parcel in the *Listing* has been assigned an HRV ranging from 1 to 5. The highest level of protection (HRV 1) is afforded to lands that have been designated under the *Act* as Provincial Historic Resources. An HRV of 1 is also used to identify World Heritage Sites and lands owned by ACCS for historic resource protection and promotion purposes. Other HRVs are defined as follows:

HRV 2: designated under the *Act* as a Municipal or Registered Historic Resource

HRV 3: contains a significant historic resource that will likely require avoidance

HRV 4: contains a historic resource that may require avoidance

HRV 5: believed to contain a historic resource

*NOTE: Undeveloped road allowances have the same HRV as lands immediately adjacent.*

Each entry in the *Listing* also includes a letter that describes the **primary** historic resource category of concern, as follows:

a	archaeological
c	cultural
gl	geological
h	historic period
n	natural
p	palaeontological

*NOTE: Activities proposed for lands on the Listing are assessed by ACCS for their potential to affect **any** category of historic resource. For example, an activity proposed for a parcel listed as “p” may also be assessed for its potential to affect archaeological sites.*

### **1.3 When to use the *Listing***

For most smaller-scale developments (less than approximately 25 acres), the *Listing* usually provides the developer with a complete list of lands with possible historic resource concerns. *Historical Resources Act* clearance is required for proposed projects on these lands.

In the case of some smaller-scale and most larger-scale developments, the *Listing* is only one of several sources of information used by ACCS to determine the potential threat to historic resources. Examples include:

- projects that require the completion of an Environmental Impact Assessment (EIA)
- projects that require approval by the National Energy Board (NEB) or Alberta Utilities Commission (AUC)
- projects that are subject to Green Zone historic resource predictive modelling under ACCS supervision (primarily forestry activities)
- Class I pipelines, and other pipelines at the discretion of the Minister
- all developments requiring conservation and reclamation approval by Alberta Environment
- residential, country residential and industrial subdivisions and related planning exercises (e.g., Area Structure Plans, Area Redevelopment Plans, Annexation Plans) encompassing more than 25 acres

Further information on obtaining *Act* clearance for certain types of development is provided below:

#### **Crown petroleum and natural gas sales**

Alberta Energy provides ACCS with Petroleum and Natural Gas Sales Schedules that describe the land parcels for which the Crown petroleum and natural gas rights are to be offered for sale.

Generally, ACCS requests addenda to the Public Offering Notices for those parcels that have been assigned an HRV of 1, 2 or 3. Addenda are **not** placed for lands that have been assigned an HRV of 4 or 5 because of their large number. Therefore, the *Listing* should be consulted to determine if there is a historic resource concern. *Historical Resources Act* clearance is not required at the sale stage.

### **Energy Resources Conservation Board (ERCB) Directive 056**

In accordance with ERCB Directive 056, should the proposed development be located on freehold lands on the *Listing*, the applicant must obtain *Historical Resources Act* clearance prior to the submission of an application to the ERCB. If the proposed activity does not involve lands on the *Listing*, the applicant should check the “NO” boxes on the appropriate Schedules.

Please note that the Special Areas Board follows Directive 056 for lands it administers.

### **Alberta Sustainable Resource Development (ASRD) Environmental Field Report**

Applicants are required to submit an *Environmental Field Report* (EFR) to ASRD for a wide variety of developments on Crown land. The EFR instructions refer the applicant to the *Listing of Historic Resources*. If the proposed development is on lands on the *Listing*, the applicant must obtain *Historical Resources Act* clearance.

When the activity is proposed for lands that have been assigned an HRV of 1, 2 or 3, developers should obtain *Act* clearance prior to submitting their application to ASRD.

For lands that have been assigned an HRV 4 or 5, *Act* clearance is a condition of approval but does not need to be obtained prior to submitting an application to ASRD. *Act* clearance processes can proceed in parallel with ASRD’s review and approval processes. The ASRD field officer may attach Condition 637 to the disposition approval. Condition 637 states:

*Prior to entry on the land, the holder shall provide written confirmation to the departmental officer that Historical Resources Act clearance has been obtained for this activity.*

### **Geophysical survey programs**

Applicants for geophysical survey programs are required to check the *Listing* to determine if any activities associated with their proposed programs will affect lands that have been assigned an HRV of 1, 2, 3 or 4 (but not 5). If they do, clearance must be obtained. Please provide maps that show the exact location of the proposed activities on the land parcels of concern.

### **Oil sands exploration programs**

Applicants for oil sands exploration programs are required to check the *Listing* to determine if any activities associated with their proposed programs will affect lands that have been assigned an HRV of 1, 2, 3 or 4 (but not 5). If they do, clearance must be obtained.

## **Environmental Impact Assessments and National Energy Board Approvals**

*Historical Resources Act* clearance is mandatory for all projects that require the completion of an Environmental Impact Assessment (EIA) or approval from the National Energy Board (NEB). Applicants are encouraged to retain the services of a historic resources consultant to submit a Historic Resources Overview to the Historic Resources Management Branch and/or the Royal Tyrrell Museum of Palaeontology. The *Listing* is only one of several sources of information consulted for EIA and NEB projects.

*NOTE: Historic resources consultants acting on behalf of an applicant in connection with an EIA or NEB project may not submit an application for an Archaeological Research Permit or Palaeontological Research Permit until after the applicant has received a requirement letter from ACCS.*

### **Class I Pipelines**

Class I pipeline projects require the submission of a Conservation & Reclamation Application to Alberta Environment. The application approval process involves several Provincial agencies, including ACCS.

*Historical Resources Act* clearance is mandatory for all Class I pipelines. Applicants are encouraged to retain the services of a historic resources consultant to submit a Historic Resources Overview to the Historic Resources Management Branch and/or the Royal Tyrrell Museum of Palaeontology. The *Listing* is only one of several sources of information consulted for Class I pipeline projects.

### **Other Pipelines**

The *Listing* is the initial screening document for non-Class I pipelines. Pipelines proposed wholly or in part for lands on the *Listing* require *Act* clearance. At the discretion of the Minister, requirements may be issued for parts of pipelines proposed for lands not on the *Listing*.

## **1.4 Aboriginal Consultation**

In cooperation with other provincial ministries, ACCS has implemented the commitments made in the Government of Alberta's *First Nations Consultation Policy on Land Management and Resource Development*. Implementation guidelines are available at <http://www.international.gov.ab.ca/1.cfm>

Development proponents may be required to consult with Aboriginal groups when their proposed activities may adversely affect Aboriginal traditional use sites of an historic resource nature. These sites appear on the *Listing* as HRV 4c. ACCS will inform applicants whether or not Aboriginal consultation is required.

ACCS-specific reporting procedures for Aboriginal consultation are available at <http://www.culture.alberta.ca/hrm> (click on Aboriginal Consultation).

## 1.5 Historic Resources Overviews

A Historic Resources Overview (HRO) is an optional document provided to ACCS by a historic resources consultant acting on behalf of an applicant. HROs are beneficial to an applicant in the case of complex or extensive developments. They can be used to obtain immediate *Act* clearance for the applicant, or to focus a subsequent Historic Resources Impact Assessment (HRIA).

## 1.6 Chance discoveries of historic resources

Developers are required to comply with Section 31 of the *Historical Resources Act*, which reads:

*A person who discovers an historic resource in the course of making an excavation for a purpose other than for the purpose of seeking historic resources shall forthwith notify the Minister of the discovery.*

Where there will be little or no further impact from the excavation activity on the historic resource, applicants reporting a chance discovery will not be responsible for conducting Historic Resources Impact Assessments or other studies to clarify the nature and extent of the historic resource. When reporting the discovery of a historic resource, please provide ACCS with GPS coordinates and as much descriptive information as possible.

## 1.7 Questions?

Should you require additional information or have any questions on how to use the *Listing of Historic Resources*, do not hesitate to contact the Land Use Planning Section of the Historic Resources Management Branch at (780) 431-2301.

## 1.8 Disclaimer

The *Listing of Historic Resources* is provided subject to the condition that Her Majesty the Queen in right of the Province of Alberta and her employees:

- [1] Hereby disclaim and are released from any and all responsibility for the information in, and any omission of information from the *Listing*; and,
- [2] Shall not bear any responsibility for any loss or damage of any kind arising from or in respect of any absence of information or any errors or omission (whether the aforesaid occasioned by negligence or otherwise) in or affecting the *Listing of Historic Resources* or the information therein.

## **Part 2 – Applying for *Historical Resources Act* Clearance**

### **2.1 Introduction**

The *Application for Historical Resources Act Clearance* form (“Application”) was introduced in 2003 for well site developments in order to standardize and streamline the paper trail associated with the *Act* clearance process. Its use has gradually been expanded to other types of development, as explained in Section 2.2 below.

In the case of developments not related to the activities mentioned in Section 2.2, application for *Act* clearance may be made by letter or email (see Part 4 – Government Contacts). Please include precise locations and maps.

### **2.2 When the Application is used**

Use of the Application form is mandatory for proposed small-scale petroleum and natural gas activities (including coalbed methane and shale gas), and for projects that require the submission of an Environmental Field Report (EFR) to Alberta Sustainable Resource Development (ASRD), when lands on the *Listing of Historic Resources* are affected. Small-scale petroleum and natural gas industry projects include:

- well site leases and associated access roads
- compressor stations
- gas processing facilities
- petroleum and natural gas batteries
- pipeline surface installations

Other developers have found the Application expedient for obtaining *Historical Resources Act* clearance for their projects. Examples include but are not limited to:

- geophysical survey programs
- oil sands exploration programs
- transportation projects
- land subdivisions
- gravel pits

Other developers are encouraged to use the Application whenever it can assist in organizing information. The applicant should check the “Other” box in Section 4 of the Application and provide a brief description of the type of activity (e.g., gravel pit).

A single Application can consist of a specific surface location and all activities associated with that location. For example, it can include the wells that are to be drilled on a location, access roads, pipelines that are necessary to tie in the wells, and electrical transmission lines. *Since the*

Historical Resources Act *applies to both freehold and public lands, undeveloped road allowances used to access locations are considered to be part of the development.*

## **2.3 How to complete the Application**

The Application form consists of two pages:

### ***PAGE 1***

#### **Section 1** – Date Received and File Number

- *Date Received*

The date of the Application is the day it is received by ACCS.

- *HRM File*

ACCS staff will assign the file number for “All New Lands” types of applications. It is helpful if the applicant provides the HRM file number, if known, for “Additional Lands” and “No New Lands” types of applications.

#### **Section 2** – for ACCS use only

#### **Section 3** – Purpose of Application

**Part 3A:** Please check one of the three boxes:

- *All New Lands*

Select this when the activity involves lands that have not previously been granted *Historical Resources Act* clearance.

- *Additional Lands*

Select this when existing projects that have previously been granted *Historical Resources Act* clearance are amended to include additional lands not covered by that clearance.

*NOTE: Providing the existing project HRM file reference number, if known, expedites processing.*

- *No New Lands*

Select this to report changes to a project **that was granted *Historical Resources Act* clearance** where the new activity and/or temporary work space are wholly within the development footprint covered by the previous clearance. The applicant can cite previous ACCS correspondence to show that *Act* clearance has been granted for the affected lands and proceed to obtain all other necessary dispositions, approvals and consents. The activity can proceed without waiting for ACCS consent.

Examples:

- re-entry of an existing surface location to drill to new bottom locations
- pipeline tie-in within an existing wellsite lease

*NOTE: Providing the existing project HRM file reference number, if known, expedites processing.*

**Part 3B** – for ACCS use only

**Section 4** – Project Type

Check the appropriate boxes if the project comprises one or more of:

- Well site lease and/or surface location with a single well
- Multi-well pad location
- Access roads and undeveloped road allowances
- Pipeline (and related installations)
- Other – specify in the space provided

Where applicable, and if known at the time of application, the Mineral Surface Lease (MSL), License of Occupation (LOC), Pipeline Agreement (PLA) or any other disposition numbers are to be provided. Well site leases, access roads and pipelines that are to be constructed on public lands require approval from Alberta Sustainable Resource Development (ASRD). In many instances, the *Historical Resources Act* clearance process has been integrated into ASRD's approvals, and enquiries to ACCS from ASRD reference specific MSL, LOC or PLA applications. Citing these numbers in ACCS's responses facilitates communication with ASRD staff, expediting surface entry.

**Section 5** – Project Identifier(s)

Enter the identifier of the proposed development activity **exactly as it will be known to the Energy Resources Conservation Board** in the space provided. This could include the proper or common name of a single well, single pipeline, gathering system, etc. If the activity involves the development of a multi-well pad, the applicant must complete and submit the Project Identifier(s) Expansion form.

**Section 6** - Applicant

Enter the full corporate name of the applicant, contact particulars including the name of the person responsible for the project and, optionally, the applicant's file or reference number.

*NOTE: The applicant is the proponent of the development, **not** the applicant's land agent or historic resources consultant.*

## **Section 7** - Key Contact

Section 7 must be completed if the contact person for the project is different than the name provided in Section 6. Otherwise, the Contact Name identified in Section 6 will be considered the key contact. The role of the key contact is to clarify project details for ACCS staff.

## **Section 8** - Illustrative Materials Attached

Information illustrating the lands that will be affected by an activity **must** be included with the Application. Check the appropriate box(es) to indicate the kind of illustrative material that has been attached. These could include the plan of survey of the surface location, an individual ownership plan, a construction plan or a preliminary sketch.

## **Section 9** – for ACCS use only

## **Section 10** - Land Applied For

**Lands Affected:** The lands to be affected by an activity are to be described as they appear in the Public Version of the *Listing of Historic Resources*. The HRV is an essential element of this field. Only include those lands that appear on the *Listing*. If more space is required, the applicant should check the box at the bottom of Section 10 and submit the Lands Affected and Ownership Expansion Form.

**Category:** This refers to the Category column of the *Listing*, indicating the primary historic resources present on a parcel of land. These are: archaeological resources (a), palaeontological resources (p), historic-period resources (h), cultural resources (c), geological resources (gl) and natural historic resources (n).

**Land Ownership:** Land ownership is divided into four categories – Freehold, Special Areas Board, Crown Untitled and Crown Titled. Land ownership type must be provided in order to copy *Act* clearances to other agencies.

- *FRH* – Freehold

On freehold lands, the Energy Resources Conservation Board (ERCB) is the key development approval agency. In accordance with the ERCB's *Directive 056*, applications for well and facilities licenses that involve freehold surface lands must obtain *Historical Resources Act* clearance prior to the submission of the well or facility license application to the ERCB.

- SA – Special Areas Board

The Special Areas Board may not grant approval to an application until they have received notification that the applicant has satisfactorily addressed all historic resource issues.

- *CU* – Crown Untitled

On lands identified as Crown Untitled (and on some lands identified as Crown Titled) on the Land Status Automated System (LSAS), the key Provincial approval agency is ASRD.

- *CT* – Crown Titled

When lands are identified on LSAS as Crown Titled, an agency of the Crown holds title to the property.

### **Section 11** - National Energy Board Approval Required

If the activity requires the approval of the National Energy Board (NEB), copies of ACCS's correspondence to the applicant and/or key contact will be copied to the NEB.

### **Section 12** – Comments

Section 12 provides space for any comments relevant to the Application. **Historic resources consultants may use this space to provide a brief rationale for or against immediate *Act* clearance.**

### **Section 13** - Signature of Applicant

A representative of the registered company (applicant) or their key contact **must** sign and date the application.

## ***PAGE 2***

### **Section 14** - Recommended Action Matrices

See Part 3 of this document for instructions on how to use a Recommended Action Matrix (RAM). Depending on the outcome of the RAM, check the appropriate box.

### **Section 15** – Historic Resources Overview (HRO)

See Part 1.5 of this document for comments on HROs. Check the appropriate boxes.

### **Section 16**

Section 16 is to be completed by ACCS staff. When a review of the application has determined that an HRIA is required, the Executive Director of the Historic Resources Management Branch will sign here. Instructions regarding the specific conduct of the HRIA and additional longer-term requirements may be specified in an attached Schedule A.

## **Section 17** – Historic Resources Impact Assessment

Section 17 can be completed by the applicant or his/her representatives. If any archaeological resources were recorded or revisited, the applicant's archaeological consultants must attach the Archaeological Resources Summary form.

## **Section 18**

Section 18 is to be completed by ACCS staff. There are two different statements regarding historic resources issues and requirements:

- *Conditional Historical Resources Act clearance (with Schedule B)*

While a Schedule A specifies requirements for the conduct of a HRIA in advance of development (see Section 16 above), a Schedule B accompanying *Historical Resources Act* clearance lays out requirements to ensure the continued protection of historic resources.

- *Historical Resources Act clearance under Section 31*

When the review of an Application determines that an HRIA is not required, the regional Land Use Planner will sign here. However, when the development was subject to a previous *Act* requirement that has now been discharged, the Executive Director of the Historic Resources Management Branch will sign here. A standard condition of clearance is that, in accordance with Section 31 of the *Act*, should any historic resources be encountered during the conduct of the activity, ACCS must be contacted.

## **Section 19** – for ACCS use only

### ***ARCHAEOLOGICAL RESOURCES SUMMARY FORM***

Further to the instructions for completing Section 17 of the Application, completing a Archaeological Resources Summary (“Summary”) facilitates preparation of a Schedule B in a *Historical Resources Act* clearance. Indeed, if a Schedule B requires nothing more than avoidance of recorded archaeological sites, the Summary can be substituted for the Schedule B.

The Summary only needs to be completed when an HRIA results in the recording or revisitation of archaeological sites. It must be filled out by the applicant's archaeological consultants. The appropriate part of Section 17 of the Application is to be completed.

The specific Summary fields are used as follows:

- *Site Identifier*

List the Borden numbers of all archaeological sites associated with the development project. Specify whether they are newly discovered as a result of the HRIA, or revisited sites.

- *Legal Description*

Use the Alberta Archaeological Inventory's format with leading zeroes and in descending order from meridian down to LSD, e.g. W4 R01 T001 S01 L01.

- *Site Description*

Provide a brief description of what each site contains. This facilitates field identification of the kind of resource that is to be avoided.

- *Comments*

Clearly state the relationship between the impact zones or easements associated with an activity and the listed archaeological sites. Distance measurements and direction must be specified (e.g., approximately 10 m to the west). The consultant is to provide recommendations regarding whether the development activity can be cleared without any conditions, or whether additional salvage, preservative or protective measures should be carried out.

- *Historic Resource Value (HRV)*

The archaeological consultant is to indicate his or her professional opinion of the appropriate HRV to assign to archaeological sites that have been recorded or revisited.

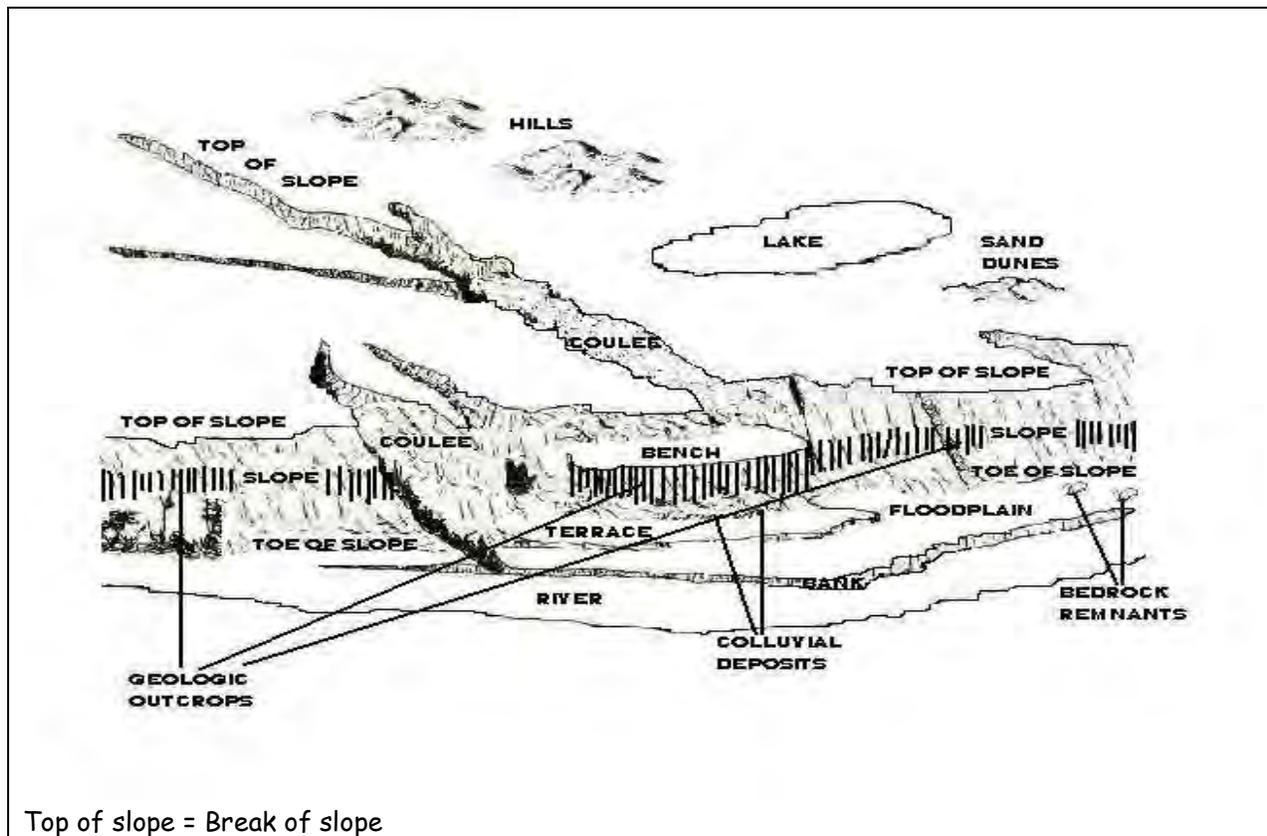
### Part 3 – Recommended Action Matrices

The Recommended Action Matrix (RAM) is a predictive tool for developers. It gives them advance knowledge of the likelihood of a Historic Resources Impact Assessment (HRIA) being necessary to obtain *Historical Resources Act* clearance. If the RAM indicates “HRIA”, the applicant can save time by immediately engaging a historic resources consultant to carry out the HRIA. **Use of the RAM is optional.**

The basic premise of the RAM is that certain combinations of terrain and disturbance features often have the same *Historical Resources Act* clearance requirements. These commonalities occur only for certain types of historic resources and only in certain zones of the province.

The diagram below illustrates the terrain features referred to in the RAM. Applicants are to select the RAM cell that occurs at the intersection of best row/column descriptions of their proposed activity’s location. The cell indicates the recommended action to follow.

#### Terrain Features



## Archaeological Resources RAM

Applicants can use an Archaeological Resources RAM *only* when their proposed activities are targeted for lands that:

- are located in the southern White Zone of the Province (i.e., not the White Zone in the Peace River Country); **and**,
- have a value of 5 in the HRV column of the *Listing*; **and**,
- have an “a” in the Category column of the *Listing*.

## Palaeontological Resources RAM

Applicants can use a Palaeontological Resources RAM *only* when their proposed activities are targeted for lands that:

- are located in the southern White Zone of the Province (i.e., not the White Zone in the Peace River Country); **and**,
- have a value of 5 in the HRV column of the *Listing*; **and**,
- have a “p” in the “Category” column of the *Listing*.

The Palaeontological Resources RAM cannot be used if the proposed development occurs within the Manyberries Badlands Environmentally Significant and Sensitive Area. Any development proposal in these areas requires special examination by ACCS staff at the Royal Tyrrell Museum of Palaeontology. The following table provides a listing of the lands in the Manyberries region that are excluded from the use of the Palaeontological Resources RAM.

### Manyberries Exclusion Zone

Mer.	Rge.	Twp.	Sections
4	06	001	34, 35, 36
4	03	002	19, 20, 30
4	04	002	24, 25, 36
4	05	002	10
4	06	002	34
4	07	002	3, 7, 21, 22, 23
4	03	003	17, 31
4	06	003	10
4	03	004	5, 6, 7, 8, 9, 13, 14, 17, 18, 19, 20, 29, 31
4	04	004	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32, 33, 34, 35, 36
4	05	004	1, 12, 13, 14, 24, 25, 26, 34, 35, 36
4	03	005	5, 6, 7, 8, 17, 18, 24, 25, 26, 34, 35
4	04	005	1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36
4	05	005	ALL 36 SECTIONS

## ARCHAEOLOGICAL RESOURCES RECOMMENDED ACTION MATRIX (RAM)

(only for use on HRV 5a lands in the southern White Zone)

Vegetation/Land Use	Native Vegetation (e.g. prairie)	Sparsely or non- vegetated (e.g. sand dunes)	Cultivation, Cropland	Existing Industrial Site
<b>Relationship to top of slope</b>				
<b>Above the top of slope</b>	<b>HRIA</b>	<b>HRIA</b>	<b>31</b>	<b>31</b>
<b>Above the top of slope, within the local environs of water bodies and watercourses</b>	<b>HRIA</b>	<b>HRIA</b>	see Note	<b>31</b>
<b>Along the valley slope</b>	<b>31</b>	<b>31</b>	<b>31</b>	<b>31</b>
<b>Floodplain, terraces, bench lands</b>	<b>HRIA</b>	<b>HRIA</b>	see Note	<b>31</b>

**HRIA**            It is highly likely that ACCS will require that a Historic Resources Impact Assessment be carried out by an archaeologist qualified to hold an Archaeological Research Permit within the Province of Alberta. The applicant should (1) submit an *Application for Historical Resources Act Clearance* to ACCS, or (2), to save time, contact a qualified consulting archaeologist about obtaining *Act* clearance by carrying out an HRIA.

**31**                It is highly likely that ACCS will issue *Historical Resources Act* clearance with reference to Section 31 of the *Historical Resources Act*, which states that should any previously undiscovered historic resources be encountered during the conduct of any activities, the appropriate ACCS staff must be contacted. The applicant should submit an *Application for Historical Resources Act Clearance* to ACCS.

**Note**            The outcome cannot be predicted. The applicant should submit an *Application for Historical Resources Act Clearance* to ACCS.

**PALAEONTOLOGICAL RESOURCES RECOMMENDED ACTION MATRIX (RAM)**

(only for use on HRV 5p lands in the southern White Zone)

Vegetation/Land Use	Native Vegetation (e.g. prairie)	Sparsely or non- vegetated (e.g. sand dunes)	Cultivation, Cropland	Existing Industrial Site
<b>Relationship to the top of slope</b>				
Above the top of slope (greater than 25 metres from the top of slope)	31	31	31	31
Above the top of slope (within 25 metres of the top of slope)	see Note	see Note	see Note	31
Along the valley slope	<b>HRIA/HRO</b>	<b>HRIA/HRO</b>	<b>HRIA/HRO</b>	see Note
Floodplain, terraces, bench lands	see Note	see Note	see Note	31

**HRIA/HRO** The applicant can retain the services of a qualified palaeontological consultant either to carry out a Historic Resources Impact Assessment, or to submit a Historic Resources Overview. The choice to submit an Overview would likely occur in those situations where the applicant and/or their palaeontological consultants are of the opinion that terrain features or proposed construction methods do not warrant a Historic Resources Impact Assessment.

**31** It is highly likely that ACCS will issue *Historical Resources Act* clearance with reference to Section 31 of the *Historical Resources Act*, which states that should any historic resources be encountered during the conduct of any activities, the appropriate ACCS staff must be contacted. The applicant should submit an *Application for Historical Resources Act Clearance* to ACCS.

**Note** The outcome cannot be predicted. The applicant should submit an *Application for Historical Resources Act Clearance* to ACCS.

## Part 4 – Government Contacts

### 4.1 Quick reference

Name	Position	Telephone	Fax	Email
Pauline Bodevin	Planning Assistant	780-431-2359	780-422-3106	<a href="mailto:pauline.bodevin@gov.ab.ca">pauline.bodevin@gov.ab.ca</a>
John Brandon	Land Use Planning Head	780-431-2301	780-422-3106	<a href="mailto:john.brandon@gov.ab.ca">john.brandon@gov.ab.ca</a>
George Chalut	South and Southeast Planner	780-431-2329	780-422-3106	<a href="mailto:george.chalut@gov.ab.ca">george.chalut@gov.ab.ca</a>
Angela Green	Planning Assistant	780-431-2356	780-422-3106	<a href="mailto:angela.green@gov.ab.ca">angela.green@gov.ab.ca</a>
Margret Ingibergsson	Central and Northeast Planner	780-431-2374	780-422-3106	<a href="mailto:margret.ingibergsson@gov.ab.ca">margret.ingibergsson@gov.ab.ca</a>
Barry Newton	North and West Planner	780-431-2330	780-422-3106	<a href="mailto:barry.newton@gov.ab.ca">barry.newton@gov.ab.ca</a>
Martina Purdon	Permits/Records Coordinator	780-431-2331	780-427-3956	<a href="mailto:martina.purdon@gov.ab.ca">martina.purdon@gov.ab.ca</a>
Dan Spivak	Resource Management, RTMP	403-823-7707	403-823-7131	<a href="mailto:dan.spivak@gov.ab.ca">dan.spivak@gov.ab.ca</a>
Rebecca Traquair	Administrative Coordinator	780-431-2373	780-422-3106	<a href="mailto:rebecca.traquair@gov.ab.ca">rebecca.traquair@gov.ab.ca</a>
Dean Wetzel	Oil Sands Planner	780-431-2332	780-422-3106	<a href="mailto:dean.wetzel@gov.ab.ca">dean.wetzel@gov.ab.ca</a>

### 4.2 Please submit Applications for *Historical Resources Act* Clearance and other correspondence requesting clearance to:

Land Use Planning Section  
Historic Resources Management Branch  
8820 – 112 Street  
Edmonton, Alberta T6G 2P8

Fax: 780 422-3106

Email correspondence can be sent to [historical.lup@gov.ab.ca](mailto:historical.lup@gov.ab.ca).

### 4.3 Please submit **one** copy of Historic Resources Overviews and **two** copies of Historic Resources Impact Assessment reports that involve **archaeological** resources to:

Land Use Planning Section  
Historic Resources Management Branch  
8820 – 112 Street  
Edmonton, Alberta T6G 2P8

### 4.4 Please submit **two** copies of Historic Resources Overviews and Historic Resources Impact Assessment reports that involve **palaeontological** resources to:

Dan Spivak  
Resource Management  
Royal Tyrrell Museum of Palaeontology  
Box 7500  
Drumheller, Alberta T0J 0Y0

The covering letters attached to all Historic Resources Overviews and Historic Resources Impact Assessment reports that involve palaeontological resources must be copied to:

Land Use Planning Section  
Historic Resources Management Branch  
8820 – 112 Street  
Edmonton, Alberta T6G 2P8

**4.5** Please submit **two** copies of Aboriginal consultation reports to:

Martina Purdon  
Archaeological Survey  
Historic Resources Management Branch  
8820 – 112 Street  
Edmonton, Alberta T6G 2P8

**4.6** Please submit Applications for an Archaeological Research Permit and associated fees (cheques made out to the Minister of Finance) to:

Martina Purdon  
Archaeological Survey  
Historic Resources Management Branch  
8820 – 112 Street  
Edmonton, Alberta T6G 2P8

**4.7** Please submit Applications for a Palaeontological Research Permit and associated fees (cheques made out to the Minister of Finance) to:

Dan Spivak  
Resource Management  
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**4.8** The *Listing of Historic Resources* is available in PDF, Excel and ArcGIS formats on the Alberta Tourism, Parks, Recreation & Culture website at <http://www.culture.alberta.ca/hrm> (click on Land Use Planning). It is updated every spring and fall. Users of the *Listing* are responsible for ensuring that they consult the current edition. If you wish to be included in our emailed announcements, please contact John Brandon.