



Ministry of Environment  
**Inspection Record**

Environmental  
Protection  
Division

<b>Inspection Number:</b> 28755	<b>Inspection Status:</b> FINAL
EP System: <u>AMS</u>	Inspection Date: 2016-07-22
EP System Number: 108390	EP System Status: <u>Unauthorized</u>
<b>Region:</b> <u>Okanagan</u>	Office: <u>Penticton</u>
Trigger: <u>Planned</u>	<b>Incidents of Non-Compliance Observed: <u>Yes</u></b>
Non-Compliance Decision Matrix Level: <u>Level 2</u>	Non-Compliance Decision Matrix Category: <u>Category B</u>
Inspector Name(s): Devan Oldfield	CPIX: <u>1 to 2 = Medium</u>
Audit: <u>Pollution Abatement Order (AMS#108390)</u>	Total Non-Compliance(s): <u>1</u>
<b>Regulated Party:</b> Curtis Feedlot	
Regulated Party Contact(s): George E Curtis and Kevin F Curtis	
<b>Legal Address:</b> 5058 Parkinson Road, Armstrong, BC V0E 1B4	
Phone No: <u>250-546-3876</u>	Fax No:
Contact Email:	
<b>Location Description or Site Address:</b> 5058 Parkinson Road, Armstrong, BC	
Latitude: <u>50.503668</u> N	Longitude: <u>119.249794</u> W
Receiving Environment(s): <u>Groundwater &amp; Land</u>	

## Summary

MONITORING AND REPORTING REQUIREMENTS	
Inspection Period: <b>From:</b> 2016-07-22 <b>To:</b> 2016-07-27	
<b>Requirement Source:</b> <u>Agricultural Waste Control Regulation</u>	
Activity: <u>Office Review</u>	Waste Type: <u>Effluent</u>
<b>Inspection Summary:</b> <p>On May 12, 2016, George E Curtis and Kevin F Curtis were issued a Pollution Abatement Order (PAO)(AMS#108390) for their feedlot operation located at 5058 Parkinson Rd. in Armstrong, BC. The Abatement Order was issued as a result of nitrogen concentrations in the local aquifer exceeding the Canadian drinking water guidelines.</p> <p>On July 22, 2016, Devan Oldfield, Compliance Section, conducted a desktop review of the requirements listed in the PAO.</p>	<b>Response:</b> <u>Warning</u>
<i>ACTIONS REQUIRED BY REGULATED PARTY:</i>	
Immediately submit the terms of reference and work plan as required by the PAO.	
<i>ADDITIONAL COMMENTS:</i>	

Compliance Summary	In	Out	N/A	N/D
Operations	0	0	2	0
Reporting	0	1	3	0
Monitoring	0	0	1	0

## Inspection Details

<b>Requirement Type:</b> <u>Reporting</u>
<b>Requirement Description:</b>
<p>1.</p> <p>Within 45 days of the issuance of this order, must submit to the Director for approval, terms of reference and a work plan, prepared by a <u>Qualified Professional</u>, for completing a comprehensive</p>

monitoring program and an Environmental Impact Assessment ("EIA") for nitrates and other nitrogen compounds in the soil and groundwater on the Lands identified in this order.

The EIA must, at a minimum, assess the impact the following operations have on nitrates and other nitrogen compounds entering surface or groundwater:

- a) all fields located on the Lands where agricultural wastes including manure are generated or permanently or temporarily stored;
- b) all storage facilities located on the Lands;
- c) all seasonal and confined feeding areas on the Lands; and
- d) all drainage management structures on the Lands.

The Environmental Impact Assessment must be completed no later than August 1, 2016 and the monitoring program must be designed to inform the Environmental Impact Assessment.

**Details/Findings:**

As of July 22, 2016, no Terms of Reference or work plan had been received from the regulated party. This is viewed as a significant administrative non-compliance.

**Compliance:** Out

**Requirement Type:** Monitoring

**Requirement Description:**

2.

Immediately upon approval of the terms of reference and work plan by the Director, cause a Qualified Professional to implement the comprehensive monitoring program and complete the comprehensive EIA according to the work plan and terms approved by the Director, but subject to any further directions or amendments to the work plan or terms of reference made by the Director.

**Details/Findings:**

As no TOR or work plan have been received by the Director, no approval has been provided and therefore this requirement does not apply at this time.

**Compliance:** Not Applicable

**Requirement Type:** Reporting

**Requirement Description:**

3.

Submit the Environmental Impact Assessment together with the results of the comprehensive monitoring program to the Director by August 1, 2016.

**Details/Findings:**

The due date for this requirement has not passed and therefore this requirement does not apply at this time.

**Compliance:** Not Applicable

**Requirement Type:** Operations

**Requirement Description:**

4.

Retain a Qualified Professional to prepare an Action Plan detailing measures to be taken to abate the environmental impacts identified in the EIA and submit the Action Plan to the Director by August 15, 2016 for approval. The Action Plan must include, but is not limited to:

- i) description of proposed manure storage measures that ensure sufficient storage, ensure proper construction of permanent and temporary storage facilities with appropriate setbacks, and ensure minimal impact to the environment;
- ii) description of proposed drainage management measures to effectively control runoff to ensure that solids, leachate, contaminated runoff and drift from sprayed materials do not enter watercourses,

penetrate to groundwater or leave the property;  
iii) determination of Agronomically Correct rates of application of agricultural waste during agricultural operations on the Lands, and a plan for ensuring application of agricultural wastes does not exceed Agronomically Correct rates;  
iv) description of proposed remedial measures to ensure manure applications do not extend beyond property boundary, in a watercourse, and near industrial and drinking water wells;  
v) description of a proposed ongoing soil, surface and groundwater monitoring program for nitrate and E.coli for the purposes of monitoring the effects of Action Plan;  
vi) a map identifying all fields (owned, leased, licenced or otherwise part of the Lands) utilized for farm operations, identifying the locations of manure storage facilities, feeding areas, drinking water well(s), industrial well(s), surface water intakes, and any other notable work(s) and identify all setbacks (i.e. minimum distances) between such facilities or areas and wells or relevant water works; and  
vii) a timeline for implementation of the Action Plan.

**Details/Findings:**

The due date for this requirement has not passed and therefore this requirement does not apply at this time.

**Compliance:** Not Applicable

**Requirement Type:** Operations

**Requirement Description:**

5.

Upon approval by the Director, implement the Action Plan referred to in section 4 in accordance with any amendments to the Action Plan required by the Director, or any further directions of the Director.

**Details/Findings:**

The due date for receiving the Action Plan has not passed and therefore this requirement does not apply at this time.

**Compliance:** Not Applicable

**Requirement Type:** Reporting

**Requirement Description:**

6.

Submit to the Director a formal written summary by November 30, 2016 and annually for the next two years including:

- i) summarizing in reasonable detail what actions from the Action Plan were undertaken;
- ii) identification of all agriculture operational changes that occurred;
- iii) summarizing in reasonable detail monitoring results;
- iv) summarizing environmental impact assessment (first year only); and
- v) recommending additional mitigation and restoration measures, if appropriate.

**Details/Findings:**

The due date for this requirement has not passed and therefore this requirement does not apply at this time.

**Compliance:** Not Applicable

**Requirement Type:** Reporting

**Requirement Description:**

7.

Publicly post the Action Plan required by this order by August 15, 2016 and publicly post the annual summary required by this order by November 30, 2016, including physically posting the Action Plan and Annual Summary at the Hullcar Community Hall. Any updates to the Action Plan and future Annual

Summaries must be posted at Hullcar Community Hall annually for the next two years, by November 30 of each year.

**Details/Findings:**

The due date for receiving the Action Plan has not passed and therefore this requirement does not apply at this time.

**Compliance:** Not Applicable

**Were the following collected during inspection:**

Samples?  Photos?  EMS Number:

**Other (please specify)**

Is the Inspection related to an EA Project?  EA Project Certificate Number:

**INSPECTION CONDUCTED BY:**

Signature	Date Signed
Devan Oldfield	2016-07-27

**ENCLOSURE(S) TO REGULATED PARTY & DESCRIPTION:**

[CVIS Archives](#)

**REGULATORY CONSIDERATIONS:**

**DISCLAIMER:**

Please note that sections of the permit, regulation or code of practice referenced in this inspection record are for guidance and are not the official version. Please refer to the original permit, regulation or code of practice.

To see the most up to date version of regulations and codes of practices please visit:  
<http://www.bclaws.ca/>

If you require a copy of the original permit, please contact the inspector noted on this inspection record or visit: <http://www2.gov.bc.ca/gov/topic.page?id=DF89089126D042FD96DF5D8C1D8B1E41&title=Publicly%20Viewable%20Authorizations>

It is also important to note that this inspection record does not necessarily reflect each requirement or condition of the authorization therefore compliance is noted only for the requirements or conditions listed in the inspection record.

<b>Ministry of Environment</b>	<b>Okanagan Region</b>	<b>Mailing Address:</b>	<b>Phone:</b> (250) 490-8200
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