

## Detailed Wastewater Discharge Application Alberta Capital Region Wastewater Commission (ACRWC)

When required by ACRWC, a discharger to sewage works shall complete this form under Bylaw # 8 addressing the Quality of Wastewater and sewer use within the ACRWC's Member Municipalities.

\*\*If you have any questions on the form, please email [discharge@acrwc.ab.ca](mailto:discharge@acrwc.ab.ca); Attention: Regulatory Services

The completed form is to be forwarded to :  
Alberta Capital Region Wastewater Commission ; Attention Regulatory Services  
Please select either one of the following methods:

- Complete the application and email it along with any attachments to [discharge@acrwc.ab.ca](mailto:discharge@acrwc.ab.ca) . (Preferred).
- Complete the application and fax it along with any attachments to 780-467-5398.

Please note the following:

Print clearly while completing the form.

Additional information and attachments - are required.

Indicate what material has been attached to ensure that ACRWC is aware of all the information provided.

<b>Detailed Wastewater Discharge Application</b>	
1	<b>Name of Company</b>
2	<b>Site Information</b>  Discharge Site Address:  Town/City/County: <span style="float: right;">Postal Code:</span>
3	<b>Owner of property</b> (if different from Company listed above)  Company Name (if applicable):  Telephone: <span style="float: right;">Email:</span>
4	<b>General Site Operation Information</b>  Number of Employees involved in  Plant: <span style="margin-left: 40px;">Office:</span> <span style="margin-left: 40px;">Other:</span> <span style="float: right;">Total:</span>  Number of Shifts per day: <span style="float: right;">Number of operating days per week:</span>





<b>8</b>	<p><b>Discharge Points from Site</b></p> <p>List all liquid effluent discharge points from the site and average daily flow for each point in cubic metres per day of sanitary, noncontact cooling water, process wastewater, contact cooling water and other discharge water to the sanitary sewer, combined sewer, storm sewer, groundwater, surface water, evaporation losses (if applicable), and percent of water in final manufactured product (if significant and applicable to the site).</p> <p>For example: process wastewater from manufacturing line to sanitary sewer at an average daily flow of 200 m<sup>3</sup>/day (measured)</p> <p>Identify each source on a schematic flow diagram (refer to section 10) and site layout, if necessary.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 10%;">Source #</th> <th style="width: 50%;">Wastewater Source Description</th> <th style="width: 20%;">Continuous or Batch</th> <th style="width: 20%;">Avg. Daily Volume (m<sup>3</sup>) (Indicate Measured OR Estimated)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr> <td colspan="3"><b>Total</b></td> <td> </td> </tr> </tbody> </table>	Source #	Wastewater Source Description	Continuous or Batch	Avg. Daily Volume (m <sup>3</sup> ) (Indicate Measured OR Estimated)																									<b>Total</b>			
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<b>9</b>	<p><b>Known Characteristics of Discharges</b></p> <p>Provide existing data on the chemical composition and constituent concentrations of the discharges listed above in #8</p>																																
<b>10</b>	<p><b>Physical Layout</b></p> <p>Provide the following items as attachments to this application:</p> <ul style="list-style-type: none"> <li>• Sketch of property (to scale or approximate) with directional north arrow, showing buildings, pretreatment works, property boundaries, effluent lines, and connections to sanitary, combined and storm sewers.</li> <li>• A flow diagram of the site flows/processes is also required for each process that generates wastewater.</li> </ul>																																
<b>11</b>	<p><b>Pretreatment of Discharges Prior to Discharge</b></p> <p>Does the site have any pretreatment systems for process effluents prior to discharge to the sewer system?</p> <p style="margin-left: 40px;">Yes      No</p> <p>If Yes, provide a description of the pretreatment systems and associated processes, design capacities, contaminants removed, performance objectives, provisions to bypass the pretreatment facilities, collection and disposal of any treatment byproducts (i.e. solid wastes/sludge) and operational procedures for the devices.</p>																																



12	<p><b>Does the site have any of the following programs addressing discharges to the sewer system in place?</b></p> <table border="0"><tr><td>Pollution Prevention</td><td>Yes</td><td>No</td></tr><tr><td>Best Management Plan</td><td>Yes</td><td>No</td></tr><tr><td>Environmental Management System</td><td>Yes</td><td>No</td></tr><tr><td>Other program / practices</td><td>Yes</td><td>No</td></tr></table> <p>If yes - attach copy of each to the form and explanation for implementation.</p>	Pollution Prevention	Yes	No	Best Management Plan	Yes	No	Environmental Management System	Yes	No	Other program / practices	Yes	No
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Best Management Plan	Yes	No											
Environmental Management System	Yes	No											
Other program / practices	Yes	No											
13	<p><b>Spill Prevention and Emergency Storage</b></p> <p>Please summarize any storage or provision to prevent spills/wastewater from entering the sewer system without pretreatment.</p>												
14	<p><b>Alberta Environmental Protection &amp; Enhancement Act (EPEA) Approval Information</b></p> <p>Provide the EPEA Approval # for any Approval that the site may have under the requirements of the Province of Alberta (Alberta Environment &amp; Parks).</p>												
15	<p><b>Flow Information</b></p> <p>Requested Total Discharge Flow Rates:</p> <p>Maximum daily discharge rate: _____ m<sup>3</sup>/day</p> <p>Average daily discharge rate: _____ m<sup>3</sup>/day</p> <p>Maximum hourly discharge rate: _____ m<sup>3</sup>/hour</p> <p>Discharge duration (if different from Section 6):</p> <p>_____ Hours/day      _____ Days/week      _____ Weeks/year</p>												
16	<p><b>Requested Permit Term</b></p> <p>Please indicate the length of time that you will require a Wastewater Discharge Permit:</p>												



17	<p><b>Method of Discharge</b></p> <p>Please indicate in the appropriate box below the way how the wastewater will be discharged, if the application is approved.</p> <p style="text-align: center;">Through existing sewer connection</p> <p style="text-align: center;">By a new sewer connection</p> <p style="text-align: center;">Through a hauled wastewater transfer station.</p> <p><b>Note:</b></p> <p>There are 5 hauled wastewater transfer stations in the Region:</p> <ul style="list-style-type: none"><li>• Leduc County Nisku Sewage Transfer Station: located near the intersection of 20<sup>th</sup> Avenue (Township Rd. 504) and 9<sup>th</sup> Street (Range Rd. 250);</li><li>• Parkland County Sewage Transfer Station #1: located near Highway 16 and Highway 799;</li><li>• Parkland County Sewage Transfer Station #2: located near the intersection of Highway 16 and Highway 44;</li><li>• Strathcona County Cloverbar Transfer Station: located on Range Road 232;</li><li>• Sturgeon County Sewage Transfer Station: located in the Sturgeon County Industrial Park.</li></ul> <p><b>ACRWC must issue a Wastewater Discharge Permit related to this application prior to discharge at any of the transfer stations. The applicable municipality must also be contacted to gain access to the transfer station(s) of choice.</b></p>
<p><b>Contact Information</b></p> <p>Contact Person &amp; Title:</p> <p>Company Name (if different from Company listed above):</p> <p>Address:</p> <p>Town/City/County:</p> <p>Telephone:                      Email:                      Fax:</p> <p>Date form completed :</p> <p>Signature of Authorized Company Representative</p>	
<p>The information submitted in this form may be subject to verification by ACRWC</p>	