

December 22, 2017

File No.: 00396081

Town of Turner Valley
PO Box 330
514 Windsor Avenue NW
Turner Valley, AB T0L 2A0

Attention: Barry Williamson

Dear Mr. Williamson:

Subject: Water Act Licence – Town of Turner Valley-Transfer of Allocation

We have completed our review of your application for Transfer of Allocation under the *Water Act*.

Enclosed is Licence No. 00396081-00-00 authorizing the diversion of water up to a maximum of 36,367 cubic metres annually from the Sheep River accessed through the works of the Sheep River Regional Utility Corporation direct intake. Also enclosed are Plan Nos. 00396081-P001 and 00396081-P002.

The *Water Act* provides a right to appeal this decision. Notice of appeal must be submitted not later than 30 days after receipt of this notice to:

Chair
Environmental Appeals Board
3rd Floor, Peace Hills Trust Tower
10011 – 109 Street
Edmonton, AB T5J 3S8

Telephone: 780-427-6207
Fax: 780-427-4693

Should you have any questions, you may contact me at (403) 297-7199, Calgary.

Sincerely,



Brajesh Gautam, M.Sc., P.Eng.
Water Approvals Engineer

Enclosure

RECEIVED

JAN 10 2018

TOWN OF
TURNER VALLEY

**LICENCE TO DIVERT WATER
PROVINCE OF ALBERTA
WATER ACT, R.S.A. 2000, c.W-3, as amended**

This Licence is a result of the transfer of a water allocation from the Licence dated 1987 12 01 issued to Town of Turner Valley (File No. 18466).

LICENCE NO.: 00396081-00-00

FILE NO.: 00396081

PRIORITY NO.: 1979-01-11-002 and 2017-05-05-002

EFFECTIVE DATE: December 22, 2017

EXPIRY DATE: December 21, 2042

SOURCE OF WATER: Sheep River accessed through the works of the Sheep River Regional Utility Corporation (direct intake)

POINT OF DIVERSION: SE 01-020-03-W5M

POINTS OF USE: Lands within the Town of Turner Valley municipal boundary


LICENSEE: Town of Turner Valley

Pursuant to the *Water Act*, R.S.A. 2000, c.W-3, as amended, and the Approved Water Management Plan for the South Saskatchewan River Basin (Alberta), as amended, a licence is issued to the Licensee to:

operate a works and to divert up to 36,367 cubic metres of water annually at a maximum** rate of diversion of 0.004 cubic metres per second (see term and conditions regarding rate of diversion) from the source of water for the purpose of Municipal (Urban Water Supply)

subject to the attached terms and conditions.

** see terms and conditions for details of the rate of diversion

Designated Director under the Act: 
Dave Gower, M.Sc.

Date Signed: December 22, 2017

DEFINITIONS

- 1.0 All definitions from the Act and the Regulations apply except where expressly defined in this licence.
- 1.1 In all parts of this licence:
- (a) "Act" means the *Water Act*, RSA 2000, c. W-3, as amended;
 - (b) "Application" means the written submissions to the Director in respect of Application No. 001-00396081 and any subsequent applications for amendments of Licence No. 00396081-00-00;
 - (c) "Director" means an employee of the Government of Alberta designated as a Director under the Act;
 - (d) "Points of diversion" means the locations where water is diverted from the source of water;
 - (e) "Points of use" means the locations in which the diverted water is used by the Licensee for the licenced purpose;
 - (f) "Regulations" means the regulations, as amended, enacted under the authority of the Act;
 - (g) "Water Use Reporting System" means the secure internet website provided by Alberta Environment and Parks at <http://wurs.alberta.ca> for submitting measuring and monitoring results electronically to the Director; and
 - (h) "Water Use Reporting System User Consent" means the document on the Environment and Parks website at: <http://wurs.alberta.ca>.

GENERAL

- 2.0 The Licensee shall immediately report to the Director by telephone any contravention of the terms and conditions of this licence at 1-780-422-4505.
- 2.1 The terms and conditions of this licence are severable. If any term or condition of this licence is held invalid, the application of such term or condition to other circumstances and the remainder of this licence shall not be affected thereby.
- 2.2 The Licensee shall not deposit or cause to be deposited any substance in, on or around the source of water that has or may have the potential to adversely affect the source of water.
- 2.3 The licensee shall comply with the terms and conditions of the "Water Use Reporting System User Consent".

DIVERSION OF WATER

- 3.0 This licence is appurtenant to the following undertaking:
- (a) the diversion works at the actual point of removal from Sheep River at SE 01-020-03-W5M, as referred on Plan No. 00396081-P001;
 - (b) Potable Water Transmission Line as referred to in Plan No. 00396081-P001;
 - (c) Town of Turner Valley Treated Water Reservoir as referred to in Plan No. 00396081-P001; and
 - (d) water distribution network in association with the lands within the Town of Turner Valley municipal water supply within the municipal boundary as referred to in Plan No. 00396081-P002.
- 3.1 The Licensee shall divert water only for the purpose specified in this licence.
- 3.2 The Licensee shall divert water only from the source of water specified in this licence.
- 3.3 The Licensee shall divert water only from the following points of diversion:
- (a) SE 01-020-03-W5M (direct intake) as referred to in Plan No. 00396081-P001.
- 3.4 The Licensee shall divert the water only to the following points of use:
- (a) water distribution network in association with the lands within the Town of Turner Valley municipal water supply within the municipal boundary as referred to in Plan No. 00396081-P002.
- 3.5 The works used to divert the water authorized by this licence shall include, at a minimum, all of the following:
- (a) Sheep River Regional Utility Corporation Direct Intake as referred to in Plan No. 00396081-P001;
 - (b) Sheep River Regional Utility Corporation Stilling Basin as referred to in Plan No. 00396081-P001;
 - (c) Sheep River Regional Utility Corporation Raw Water Reservoir as referred to in Plan No. 00396081-P001;
 - (d) Sheep River Regional Utility Corporation Water Treatment Plant as referred to in Plan No. 00396081-P001;
 - (e) Potable Water Transmission Line as referred to in Plan No. 00396081-P001;
 - (f) Town of Turner Valley Treated Water Reservoir as referred to in Plan No. 00396081-P001; and

- (g) water distribution network in association with the lands within the Town of Turner Valley municipal water supply within the municipal boundary as referred to in Plan No. 00396081-P002.
- 3.6 The Licensee shall not divert more than 36,367 cubic meters of water per calendar year.
- 3.7 Subject to condition 3.8, the Licensee shall not divert water at a rate of diversion greater than 0.004 cubic metres per second.
- 3.8 The maximum rate of diversion may be increased from 0.004 cubic metres per second up to 0.008 cubic metres per second only when
 - (a) The Instream Objectives for the Sheep River are being met at the point of diversion.
- 3.9 The increase in maximum rate rate of diversion from 0.004 cubic meters per second to 0.008 cubic meters per second will have a priority number of 2017-05-05-002.
- 3.10 The Instream Objectives are as set out in Schedule 1 for the periods of time specified.
- 3.11 The Director may, upon a minimum of 12 months written notice to the licensee, amend this licence to change the Instream Objectives, convert an Instream Objective to a Water Conservation Objective or change such Water Conservation Objective.
- 3.12 Unless otherwise authorized in writing by the Director, the Licensee shall determine the flow in the Sheep River for meeting the Instream Objective in 3.8 using the Water Survey of Canada Station No. 05BL014 (Sheep River at Black Diamond), when diverting water.

MONITORING AND REPORTING

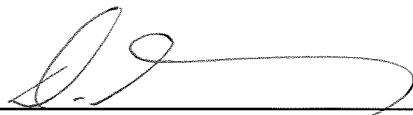
- 4.0 Unless otherwise authorized in writing by the Director, the Licensee shall:
 - (a) monitor the total number of cubic metres of water diverted;
 - (b) monitor the total number of cubic metres of water returned;
 - (c) record the total number of cubic metres of water diverted; and
 - (d) record the total number of cubic metres of water returnedon a monthly basis.
- 4.1 The Licensee shall record and retain all of the following information for a minimum of five (5) years after being collected:
 - (a) the place, date and time of all measuring and monitoring; and
 - (b) the results obtained pursuant to 4.0; and the name of the individual who conducted the monitoring and measuring.

- 4.2 The Licensee shall report to the Director the results of the measuring and monitoring required in 4.0 using the "Water Use Reporting System" and any other information required in writing by the Director.
- 4.3 The Licensee shall submit the report required in 4.2 on or before the end of the month following the month in which the information is based upon was collected.

COMPLAINT INVESTIGATION

- 5.0 The Licensee shall:
- (a) investigate all written complaints accepted by the Director relating to allegations of surface water and groundwater interference as a result of the diversion of the water or operation of the works; and
 - (b) provide a written report to the Director, within a time specified in writing by the Director, detailing the results of the investigation relating to the complaint accepted by the Director in 5.0(a) including:
 - (i) recommendations to remediate and/or mitigate the impact(s) such as:
 - (A) lowering the intake of the pump to compensate for a drop in water level,
 - (B) providing an alternate water supply; and
 - (ii) any other information required by the Director.
- 5.1 The Licensee shall satisfy the Director that the report submitted pursuant to 5.0(b) has identified remedial and/or mitigative measures relating to the alleged interference.

Date Signed: December 22, 2017



Designated Director under the Act
Dave Gower, M.Sc.

INSTREAM OBJECTIVES - SHEEP RIVER UPSTREAM OF THREEPOINT CREEK CONFLUENCE

Weekly Tennant/Tessman Minimum Flows (Units: cubic metres per second)

SCHEDULE 1

Week beginning:	1-Jan	8-Jan	15-Jan	22-Jan	29-Jan	5-Feb	12-Feb	19-Feb	26-Feb	5-Mar	12-Mar
Instream Objective	1.03	0.97	0.93	0.93	0.93	0.93	0.94	1.02	1.11	1.2	1.3
Week beginning:	19-Mar	26-Mar	2-Apr	9-Apr	16-Apr	23-Apr	30-Apr	7-May	14-May	21-May	28-May
Instream Objective	1.44	1.6	1.76	1.92	2.32	2.99	3.65	4.31	4.93	5.44	5.94
Week beginning:	4-Jun	11-Jun	18-Jun	25-Jun	2-Jul	9-Jul	16-Jul	23-Jul	30-Jul	6-Aug	13-Aug
Instream Objective	6.44	6.89	6.45	5.69	4.92	4.16	3.58	3.18	2.78	2.38	2.05
Week beginning:	20-Aug	27-Aug	3-Sep	10-Sep	17-Sep	24-Sep	1-Oct	8-Oct	15-Oct	22-Oct	29-Oct
Instream Objective	2.01	2	2	2	1.99	1.99	1.99	1.99	1.96	1.86	1.77
Week beginning:	5-Nov	12-Nov	19-Nov	26-Nov	3-Dec	10-Dec	17-Dec	24-Dec			
Instream Objective	1.67	1.57	1.48	1.39	1.3	1.21	1.15	1.09			

For monitoring purposes, flows in the Sheep River upstream of the Threepoint Creek confluence are defined as:

Flows at WSC Station 05BL014 (Sheep River at Black Diamond)

PLAN NO. 00396081-P001

THIS DOCUMENT FORMS PART OF
AN AUTHORIZATION ISSUED UNDER THE
WATER ACT

DATE: December 22, 2017



PHOTO SOURCE:
ESRD SEPTEMBER 2013



TOWN OF TURNER VALLEY

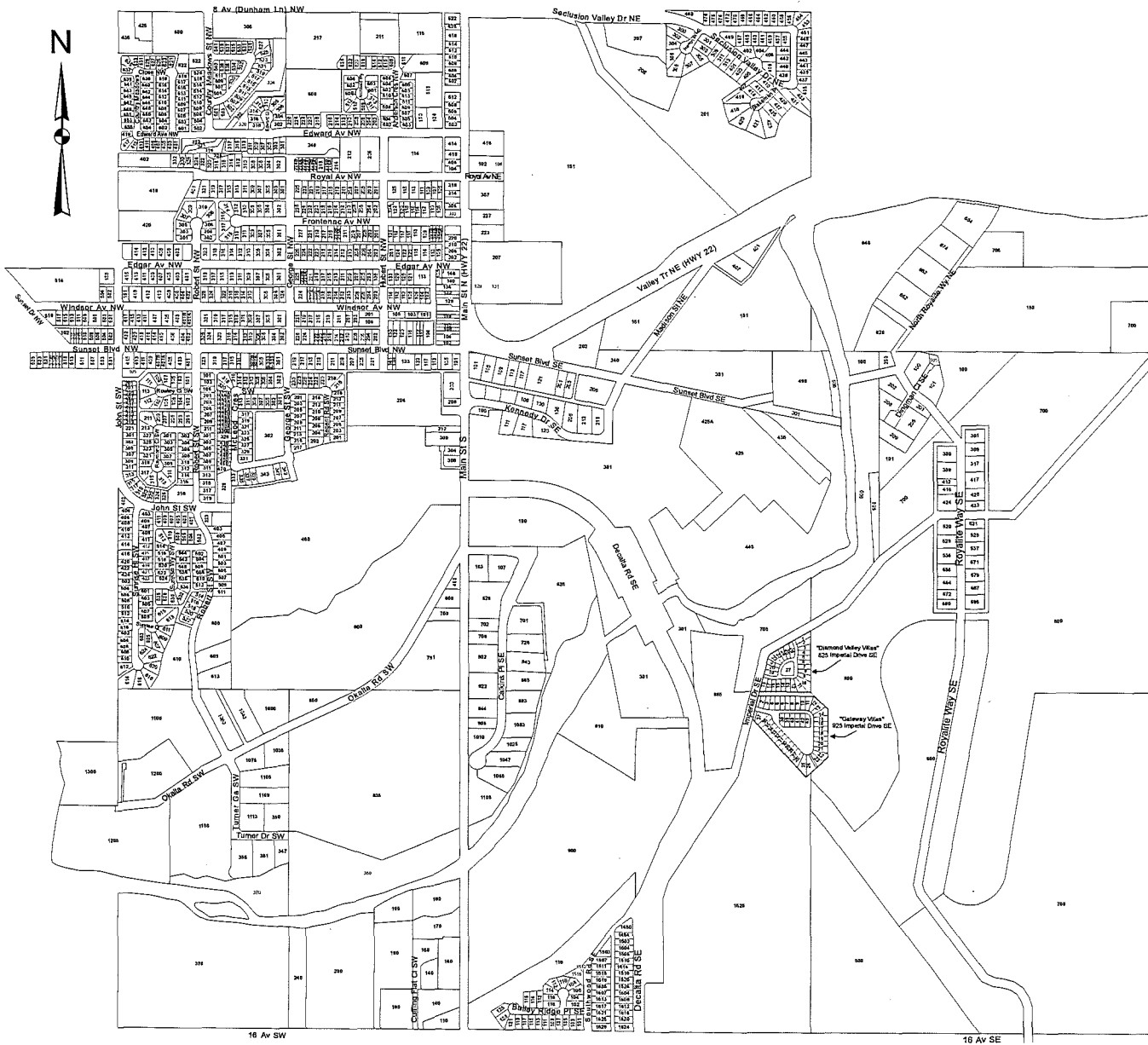
POINT OF DIVERSION

SCALE: 1:25,000

DATE: SEPT 2017

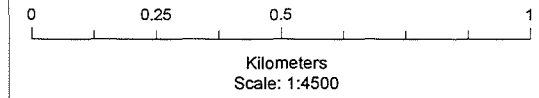
JOB: 2370-109-08

FIGURE: 1



Address and Street Map

PLAN NO.	00396081-P002
THIS DOCUMENT FORMS PART OF AN AUTHORIZATION ISSUED UNDER THE WATER ACT	
DATE:	December 22, 2017



Author: GIS Coordinator, Planning & Development Department
 Created on: 2015/05/25
 Last Updated: 2017/05/16
 Projection: NAD 1983 3TM 114

Disclaimer: The Town of Turner Valley provides this information in good faith but provides no warranty, nor accepts any liability arising from any incorrect, incomplete, or misleading information or its improper use. If you have any questions, require clarification or would like more details on this data, please contact 403-933-4944.

December 22, 2017

File No.: 18466

Barry Williamson
Town of Turner Valley
PO Box 330
514 Windsor Avenue NW
Turner Valley, AB T0L 2A0

Dear Mr. Williamson:

Subject: Water Act Licence Cancellation

We have completed our review of your Application for Transfer of Allocation under the *Water Act*. Licence No. 00396081-00-00 has been issued to the Town of Turner Valley. As the transfer of allocation to the Town of Turner Valley is permanent, Licence dated 1987 12 01 is cancelled.

The *Water Act* provides a right to appeal this decision. Notice of appeal must be submitted not later than 30 days after receipt of this notice to:

Chair
Environmental Appeals Board
3rd Floor, Peace Hills Trust Tower
10011 – 109 Street
Edmonton, AB T5J 3S8

Telephone: (780) 427-6207
Fax: (780) 427-4693

Should you have any questions, you may contact me at (403) 297-7199, Calgary.

Sincerely,



Brajesh Gautam, M.Sc., P.Eng.
Water Approvals Engineer

Enclosure

RECEIVED
JAN 10 2018
TOWN OF
TURNER VALLEY