



Bylaw No. C-7273-2013

**BEING A BYLAW OF ROCKY VIEW COUNTY IN THE PROVINCE OF ALBERTA
FOR THE PURPOSE OF ESTABLISHING OFF-SITE LEVIES FOR WATER AND
WASTEWATER FACILITIES.**

WHEREAS in accordance with Section 648 of the *Municipal Government Act*, R.S.A. 2000, Chapter M-26, a Council may by bylaw:

- a) Provide for the imposition and payment of a levy, to be known as an "off-site" levy, in respect of land that is to be developed or subdivided, and
- b) Authorize agreements to be entered into in respect of the levy.

AND WHEREAS the Rocky View County Council deems it desirable to establish off-site levies for the purposes described in Section 648 of the *Municipal Government Act*, R.S.A. 2000, Chapter M-26;

AND WHEREAS Rocky View County Council engaged the engineering firm of MPE Engineering Ltd. to prepare a report in 2013 with respect to the fair and equitable calculation and allocation of off-site levies related to water utility and wastewater utility infrastructure in accordance with the purposes of the *Municipal Government Act*, R.S.A. 2000 Chapter M-26;

AND WHEREAS the Rocky View County Council has reviewed the report prepared by MPE Engineering Ltd. dated May 17, 2013 and wishes to enact a bylaw to impose and provide for the payment of off-site levies, to authorize agreements to be entered into in respect of payment of the off-site levies, to set out the object of each levy, and to indicate how the amount of each levy was determined;

NOW THEREFORE pursuant to the authority conferred upon it by the laws of the Province of Alberta, the Rocky View County Council, duly assembled, enacts as follows:

1. SHORT TITLE

1.1 This Bylaw may be cited as the "Rocky View County Water and Wastewater Off-Site Levy Bylaw No. C-7273-2013".

2. PURPOSE AND INTENT

2.1 The purpose and intent of this Bylaw is to:

- a) impose and provide for the payment of levies to be known as Off-Site Levies in respect of Lands that are to be subdivided or developed and which will require servicing from the Wastewater Utilities and/or Water Utilities,
- b) authorize agreements to be entered into in respect of payment of the Off-Site Levies,
- c) set out the objects of each Off-Site Levy, and
- d) indicate how the amount of each Off-Site Levy was determined.

3. **DEFINITIONS**

In this Bylaw, the following words and phrases shall have the following meanings:

- 3.1 "Act" means the *Municipal Government Act*, R.S.A. 2000 Chapter M-26 and amendments thereto;
- 3.2 "Bylaw" means this bylaw together with all schedules;
- 3.3 "Commercial" means any Development or Subdivision for commercial use as contemplated under the Land Use Bylaw;
- 3.4 "County" means Rocky View County or the geographical area within its jurisdictional boundaries, as the context may require;
- 3.5 "County Manager" means the County Manager appointed by Council for the County or his/her authorized designate;
- 3.6 "Council" means the Rocky View County Council;
- 3.7 "Development" has the same meaning as provided in the Act;
- 3.8 "Development Area" means those Lands which are within the development areas as described in Schedule "A";
- 3.9 "Industrial" means any Development or Subdivision for an industrial use as contemplated under the Land Use Bylaw;
- 3.10 "Lands" means private titled parcels of land in accordance with the *Land Titles Act*, R.S.A. 2000 Chapter L-4;
- 3.11 "Land Use Bylaw" means the County's Land Use Bylaw, as amended or replaced from time to time in accordance with the Act;
- 3.12 "Off-Site Levy" means a levy imposed and created by this Bylaw;

- 3.13 "Off-Site Levy Fund" means a fund into which an Off-Site Levy together with any interest earned from the investment of the Off-Site Levy is deposited and kept separate from General Account or any other municipal account and administered in accordance with the Act;
- 3.14 "Residential" means any Development or Subdivision for residential use as contemplated under the Land Use Bylaw;
- 3.16 "Service Area" means those Lands which are within the respective service areas of the County's Water Utilities and Wastewater Utilities, as described in Schedule "B", together with any other Lands approved by Council to receive servicing from the County's Water Utilities and/or Wastewater Utilities;
- 3.17 "Subdivision" has the same meaning as provided for in the Act;
- 3.18 "Wastewater Utility(ies)" means those new or expanded facilities for the treatment, movement or disposal of sanitary sewage as described in Schedule "C" together with any land required for or in connection with any of those facilities; and
- 3.19 "Water Utility(ies)" means those new or expanded facilities for the storage, transmission, treatment or supplying of water as described in Schedule "C" together with any land required for or in connection with any of those facilities.

4. ADMINISTRATION AND ENFORCEMENT

- 4.1 Council hereby delegates to the County Manager the duty and authority to enforce and administer this Bylaw.

5. ENACTMENT

- 5.1 An Off-Site Levy as provided for in the Act is hereby imposed in respect of all Lands which are to be Developed or Subdivided within the County and which will require water and/or wastewater servicing from any of the Water Utilities or Wastewater Utilities included within this Bylaw at the rates and on the terms as specified in this Bylaw with the exception of any land where Off-Site Levies have been previously imposed and collected in full.
- 5.2 Notwithstanding any other provision in this Bylaw, the County may impose further or different Off-Site Levies, duly enacted by bylaw, on any portion of Lands which are the subject of Development permit or Subdivision approval and in respect of which the County has not collected Off-Site Levies imposed under this Bylaw or any previous off-site levy bylaw authorized by the Act or a predecessor Act.
- 5.3 The County is hereby authorized to enter into agreements with owners of the Lands referred to in Paragraph 5.1 for payment of the Off-Site Levy imposed on those Lands.

6. OBJECT OF THE OFF-SITE LEVIES

6.1 The object of the Off-Site Levy or Levies imposed and collected pursuant to this Bylaw are to pay for all or any part of the capital cost of any or all of the following:

- a) new or expanded Water Utility facilities for the storage, transmission, treatment or supplying of water,
- b) new or expanded Wastewater Utility facilities for the treatment, movement or disposal of sanitary sewage, and
- e) land required for or in connection with any facilities described within this Paragraph.

7. OFF-SITE LEVY PAYMENT

7.1 The Off-Site Levy imposed pursuant to this Bylaw shall be paid upon the earlier of the following dates:

- a) the issuance of the Development permit in respect of the Lands,
- b) execution of a Development Agreement entered into pursuant to the conditions of a Development permit or Subdivision approval granted in respect of the Lands, or
- c) prior to the endorsement of the plan of Subdivision for the Lands.

7.2 Where the owner of Lands that is subject to the imposition of an Off-Site Levy or Levies under this Bylaw fails, neglects or refuses to either pay the Off-Site Levy imposed or provide sufficient security for the payment of the Off-Site Levy, the County may:

- a) refuse to endorse a plan of Subdivision or release a Development permit until the land owner has paid the Off-Site Levy or has provided sufficient security for the payment of the Off-Site Levy in a form satisfactory to the County Manager, or
- b) commence proceedings in Court for recovery of the Off-Site Levy as an amount due and payable to the County.

8. OFF-SITE LEVY FUND

8.1 The County Manager shall establish and maintain a separate fund for each facility in respect of which an Off-Site Levy is being imposed pursuant to this Bylaw. Such Off-Site Levy fund shall be kept separate from the County's General Account or any other County account and shall be administered in accordance with the Act.

9. DETERMINATION OF THE OFF-SITE LEVIES

- 9.1 The Off-Site Levies included in this Bylaw were determined in accordance with the calculations from the Off-Site Levy Report prepared by MPE Engineering Ltd. dated May 17, 2013. The MPE Engineering Ltd. Report is hereby incorporated into this Bylaw by reference and shall be disclosed upon request in accordance with Section 10 of this Bylaw.
- 9.2 The determination of the amount of each Off-Site Levy amount in respect of each of the separate facilities for which an Off-Site Levy has been imposed is as shown in Schedule "C". The basis of calculating the Off-Site Levies together with the total amount of the Off-Site Levies to be imposed with respect to Lands which will receive servicing from the Wastewater Utilities and/or Water Utilities is shown in Schedule "D".
- 9.3 The Off-Site Levies reflected in this Bylaw will apply to all new Subdivision and Development with respect to Lands which will require servicing from the Wastewater Utilities and/or Water Utilities and the application for which is received subsequent to the date that this Bylaw comes into force and effect.
- 9.4 Any applications for Development or Subdivision with respect to Lands which will require servicing from the Wastewater Utilities and/or Water Utilities which were received by the County but not approved prior to the date that this Bylaw comes into force and effect shall be subject to an appropriate Cost Contribution Agreement for water and/or wastewater.

10. INFORMATION ON REQUEST

- 10.1 Upon receiving a request from a ratepayer or landowner, the County shall disclose full information regarding Off-Site Levy calculations, allocations, impositions, collections, costs and payments.

11. ANNUAL REPORT TO COUNCIL

- 11.1 Not less than once per calendar year, the County Manager shall provide a report to Council detailing all Off-Site Levies imposed under this Bylaw, collections and expenditures during the previous calendar year, unpaid Off-Site Levy amounts as at the end of the previous calendar year, funds on hand to meet anticipated expenditures during the current calendar year and updated estimates of the costs expected to be incurred in order to complete construction of the facilities in respect of which an Off-Site Levy has been imposed under this Bylaw.

12. GENERAL

- 12.1 In the event that any provision of this Bylaw be declared invalid or void by any Court having competent jurisdiction, then such invalid or void provision shall be severed from the Bylaw and the remaining provisions of the Bylaw shall be maintained and deemed valid.
- 12.2 This Bylaw comes into full force and effect on the date of third and final reading of this Bylaw.

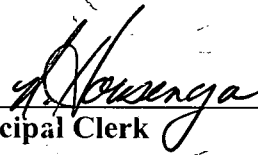
First Reading granted on the 4th day of June, 2013 on a motion of Councillor Solberg.

Second Reading granted on the 16th day of July, 2013 on a motion of Councillor Bahcheli.

Third Reading granted on the 23 day of July, 2013 on a motion of Councillor Habberfield.



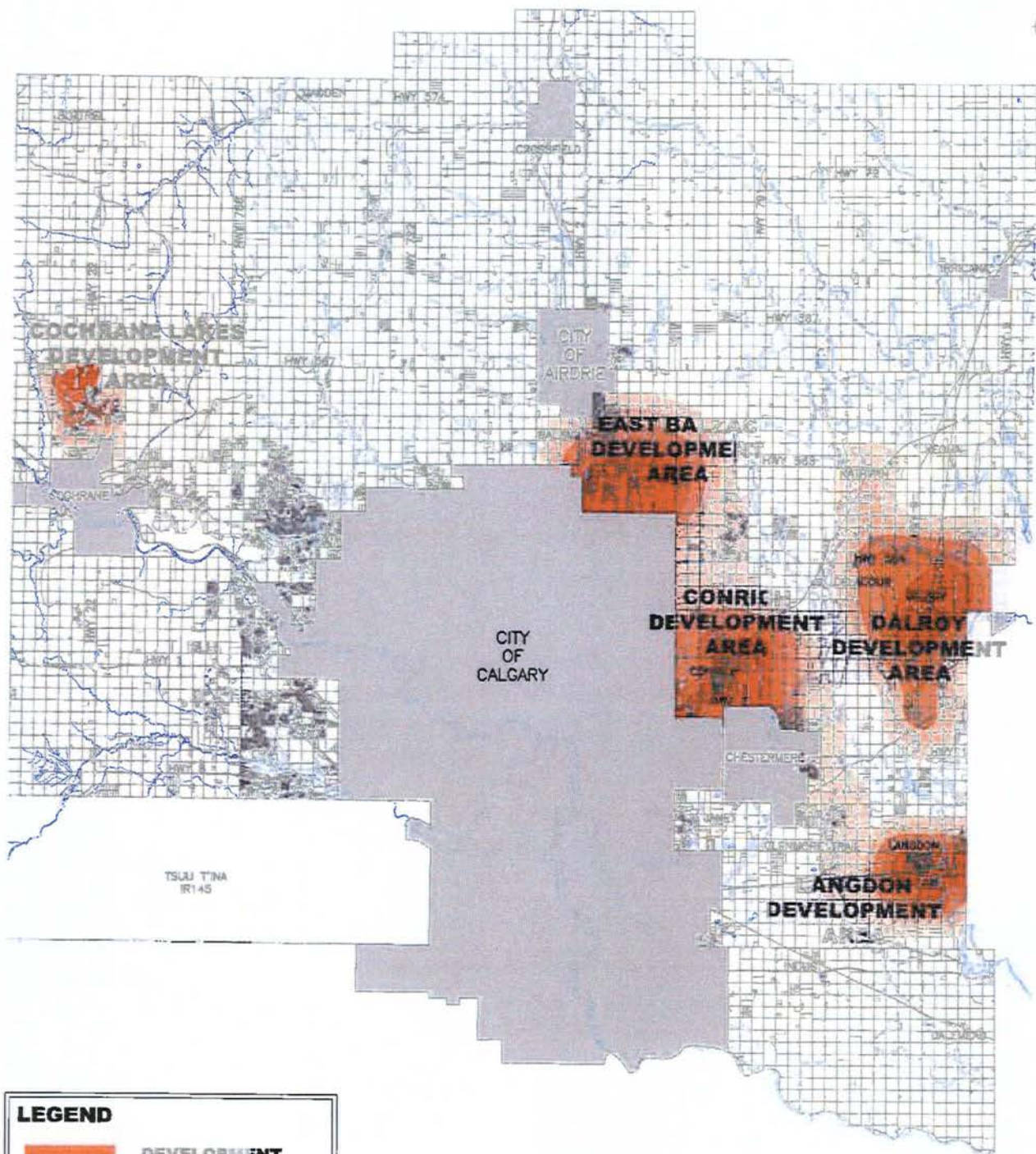
Reeve



Municipal Clerk

SCHEDULE "A"

DEVELOPMENT AREA MAP



LEGEND

 **DEVELOPMENT AREAS**

CONCEPTUAL ONLY



BYLAW #C-7273-2013

DEVELOPMENT AREA MAP

DATE: MAY 2013

SCALE: 1:500,000

JOB: 2285-016-02

MAP: A-1

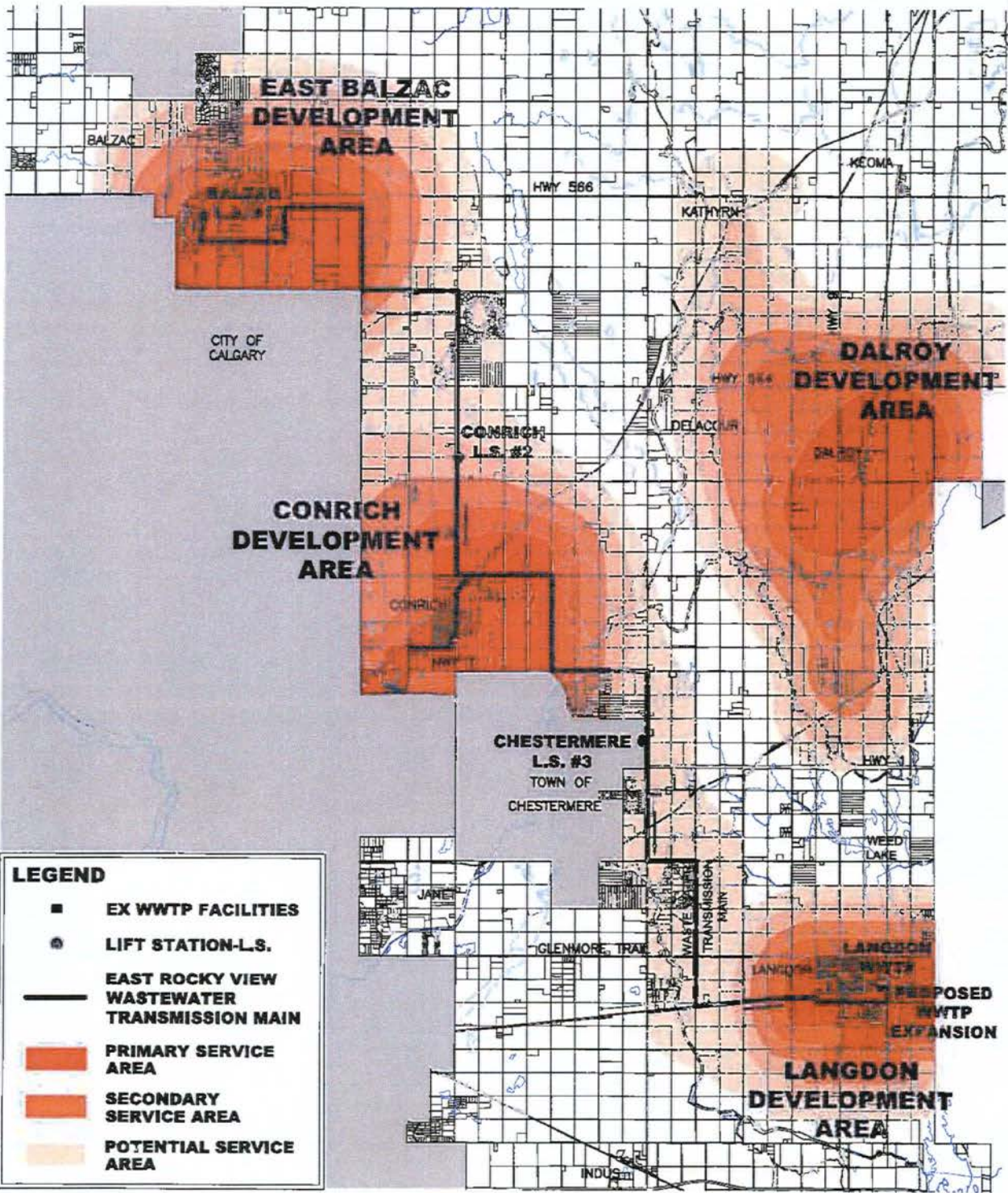
SCHEDULE "B"

SERVICE AREA MAPS

SCHEDULE "B-1"

SERVICE AREA MAP

LANGDON WASTEWATER TREATMENT PLANT



LEGEND

- EX WWTP FACILITIES
- LIFT STATION-L.S.
- EAST ROCKY VIEW WASTEWATER TRANSMISSION MAIN
- PRIMARY SERVICE AREA
- SECONDARY SERVICE AREA
- POTENTIAL SERVICE AREA

CONCEPTUAL ONLY



ROCKY VIEW COUNTY
Cultivating Communities

BYLAW #C-7273-2013

SERVICE AREA MAP
LANGDON WASTEWATER TREATMENT PLANT

DATE: MAY 2013

SCALE: 1:200,000

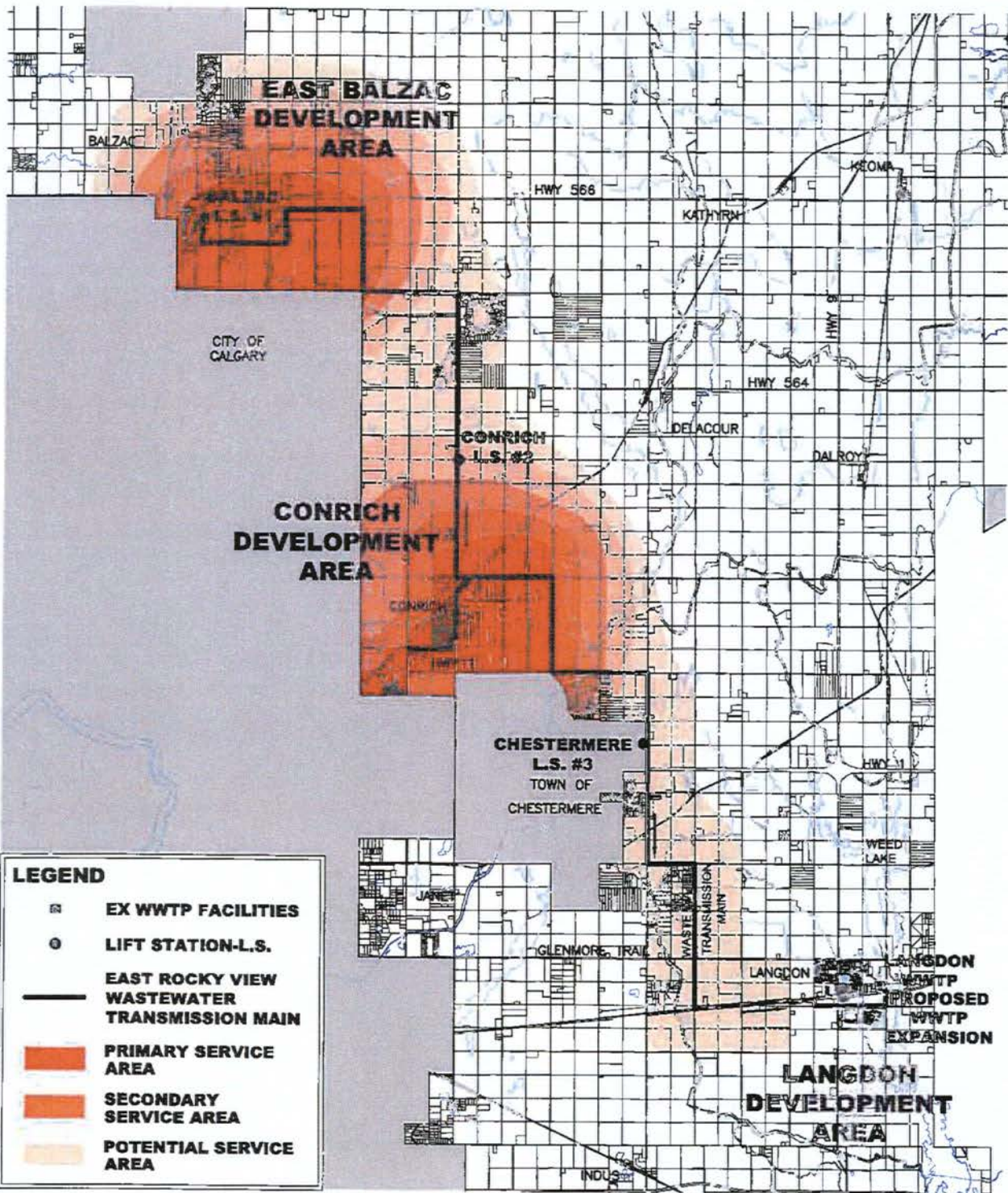
JOB: 2285-016-02

MAP: B-1

SCHEDULE "B-2"

SERVICE AREA MAP

**EAST ROCKY VIEW WASTEWATER TRANSMISSION MAIN AND
REGIONAL LIFT STATIONS**



- LEGEND**
- EX WWTP FACILITIES
 - LIFT STATION-L.S.
 - EAST ROCKY VIEW WASTEWATER TRANSMISSION MAIN
 - PRIMARY SERVICE AREA
 - SECONDARY SERVICE AREA
 - POTENTIAL SERVICE AREA

CONCEPTUAL ONLY



BYLAW #C-7273-2013

SERVICE AREA MAP
EAST ROCKY VIEW WASTEWATER TRANSMISSION
MAIN AND REGIONAL LIFT STATIONS

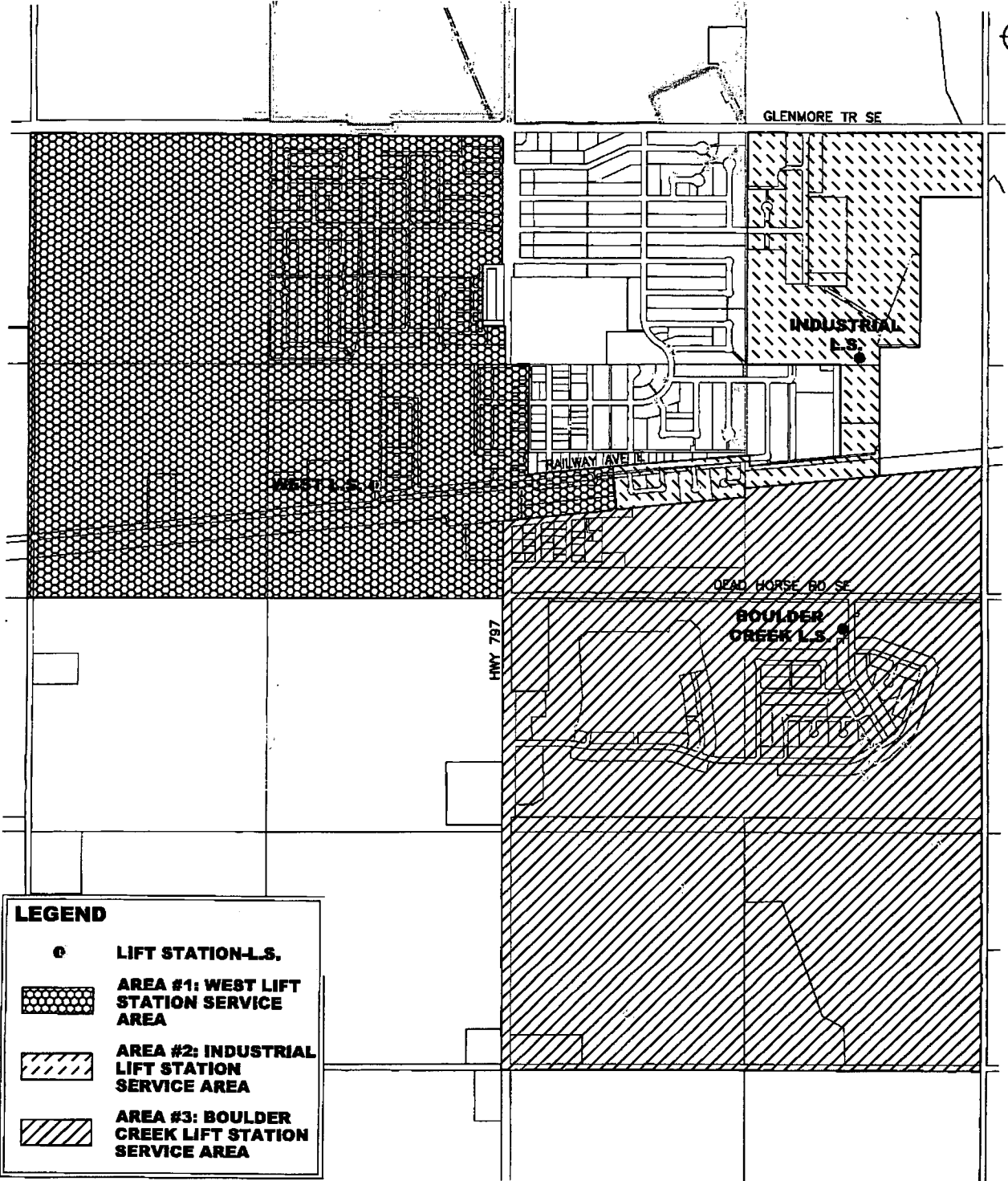
DATE: MAY 2013
JOB: 2285-016-02

SCALE: 1:200,000
MAP: B-2





SCHEDULE "B-3"

SERVICE AREA MAP

LANGDON



LEGEND

-  **LIFT STATION-L.S.**
-  **AREA #1: WEST LIFT STATION SERVICE AREA**
-  **AREA #2: INDUSTRIAL LIFT STATION SERVICE AREA**
-  **AREA #3: BOULDER CREEK LIFT STATION SERVICE AREA**

CONCEPTUAL ONLY



BYLAW #C-7273-2013

SERVICE AREA MAP
HAMLET OF LANGDON WASTEWATER UTILITIES

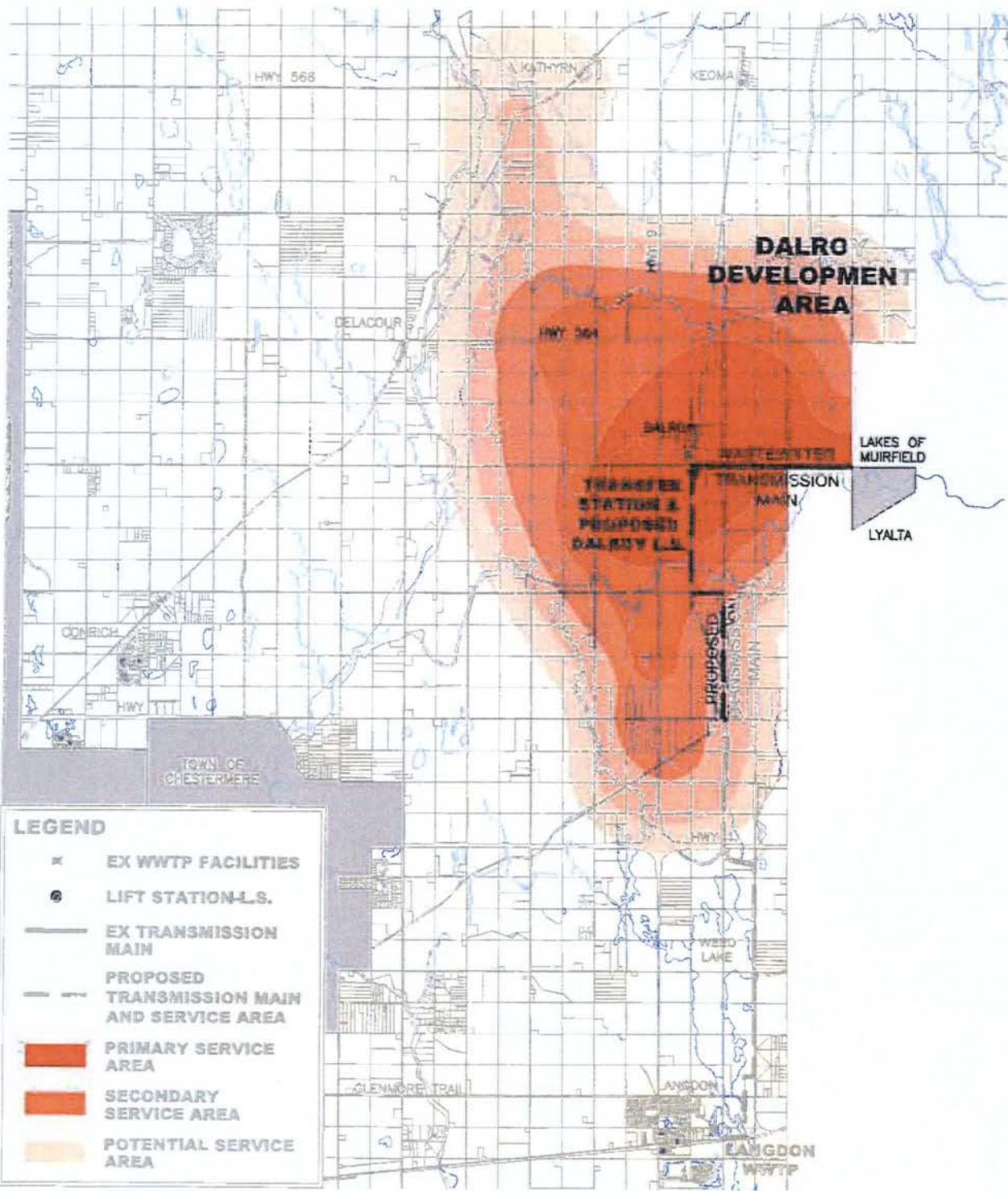
DATE: MAY 2013
JOB: 2285-016-02

SCALE: 1:20,000
MAP: B-3

SCHEDULE "B-4"

SERVICE AREA MAP

**DALROY TO LANGDON SANITARY LIFT STATION AND WASTEWATER
TRANSMISSION MAIN**



CONCEPTUAL ONLY



ROCKY VIEW COUNTY
Cultivating Communities

BYLAW #C-7273-2013

SERVICE AREA MAP
DALROY WASTEWATER SERVICE AREA

DATE: MAY 2013

SCALE: 1:150,000

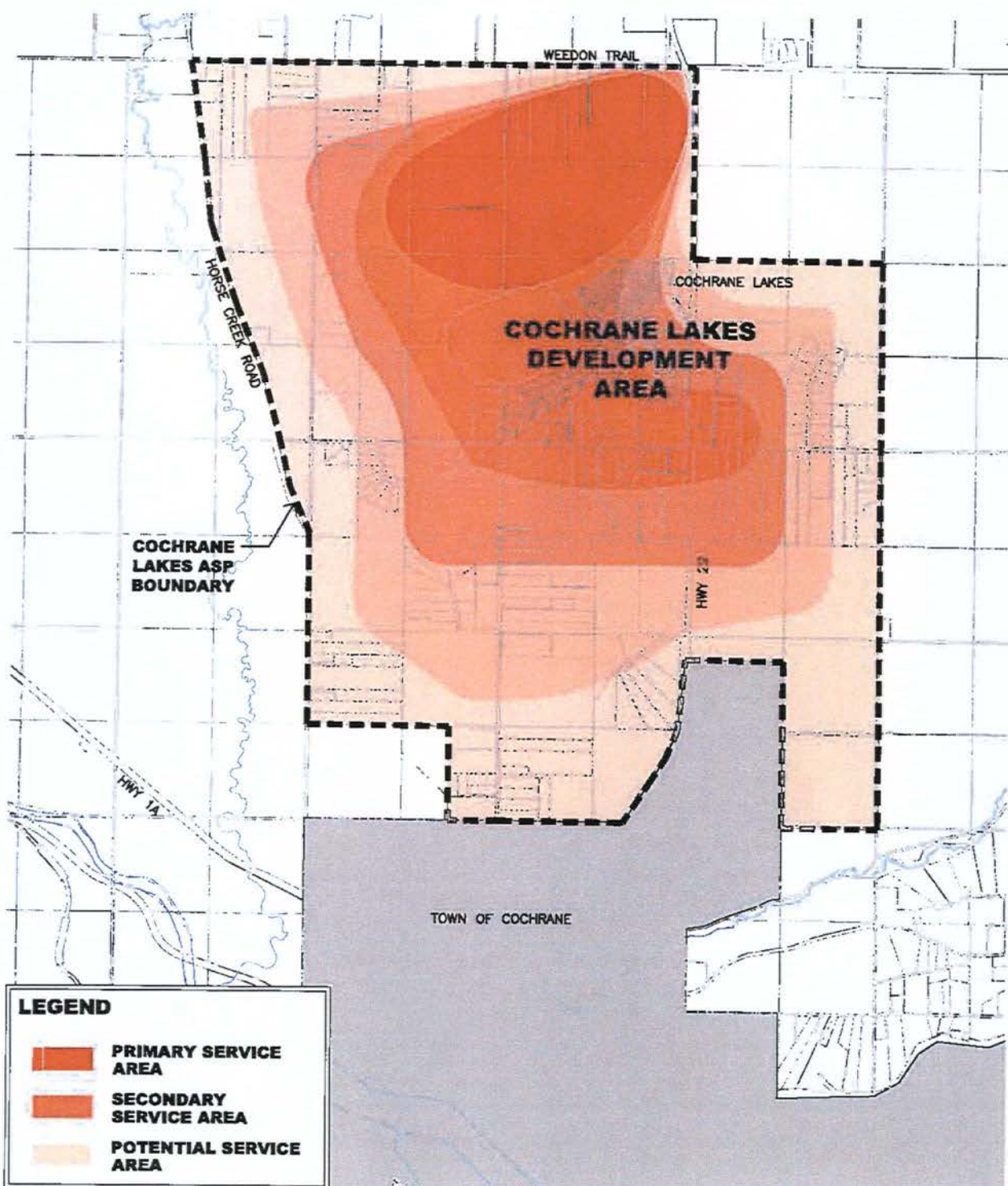
JOB: 2285-016-02

MAP: B-4

SCHEDULE "B-5"

SERVICE AREA MAP

COCHRANE LAKES WASTEWATER TRANSMISSION MAIN



CONCEPTUAL ONLY



BYLAW #C-7273-2013

SERVICE AREA MAP
COCHRANE LAKES WASTEWATER SERVICE AREA

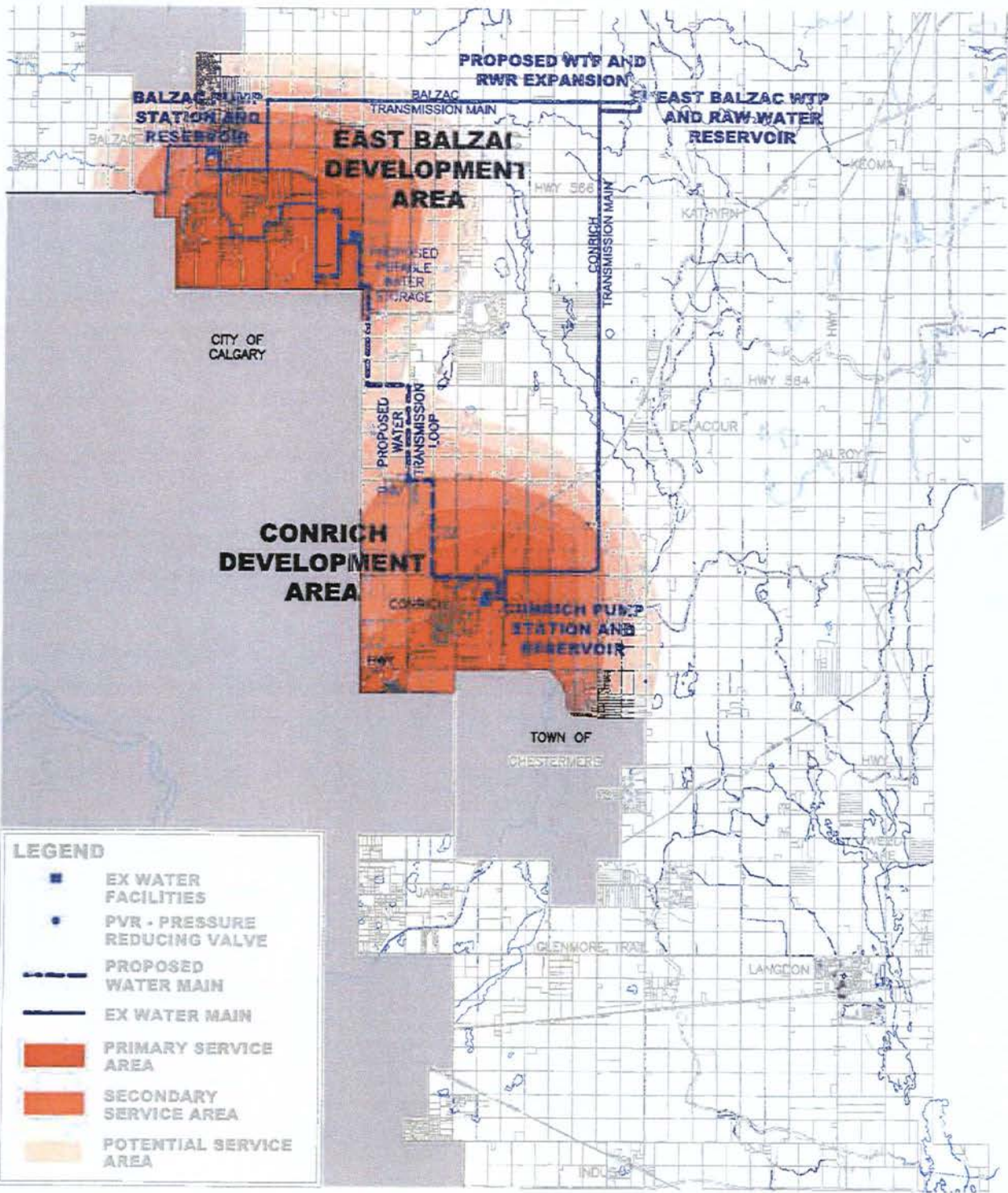
DATE: MAY 2013
JOB: 2285-016-02

SCALE: 1:50,000
MAP: B-5

SCHEDULE "B-6"

SERVICE AREA MAP

**GRAHAM CREEK WATER TREATMENT PLANT AND RAW WATER RESERVOIR
PROJECT**



CONCEPTUAL ONLY



ROCKY VIEW COUNTY
Cultivating Communities

BYLAW #C-7273-2013

SERVICE AREA MAP
GRAHAM CREEK WATER TREATMENT PLANT
AND RAW WATER RESERVOIR

DATE: MAY 2013

SCALE: 1:200,000

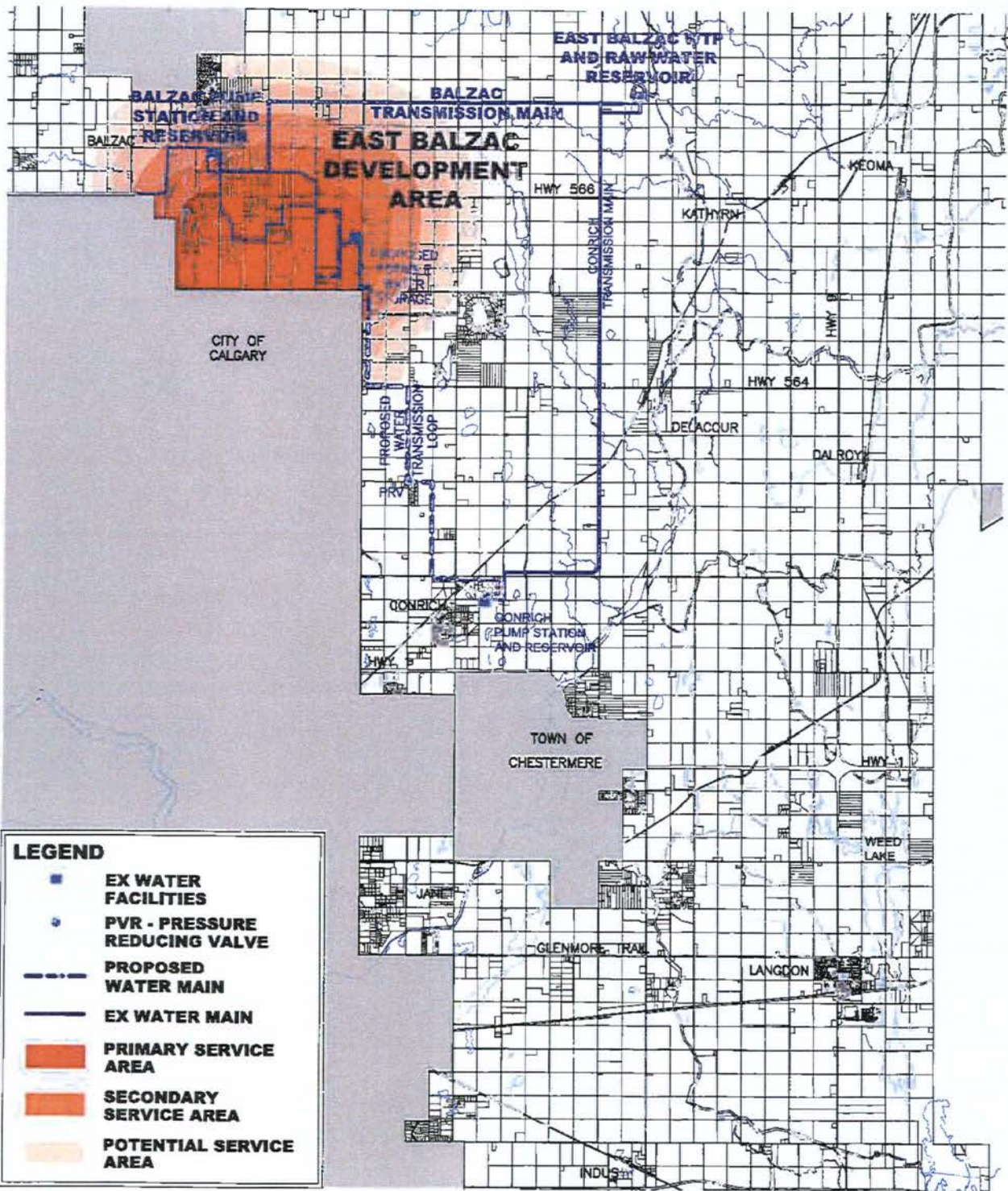
JOB: 2285-016-02

MAP: B-6

SCHEDULE "B-7a"

SERVICE AREA MAP

EAST BALZAC TRANSMISSION MAIN (BASE)



CONCEPTUAL ONLY



ROCKY VIEW COUNTY
Cultivating Communities

BYLAW #C-7273-2013

SERVICE AREA MAP
EAST BALZAC TRANSMISSION MAIN
(BASE)

DATE: MAY 2013

SCALE: 1:200,000

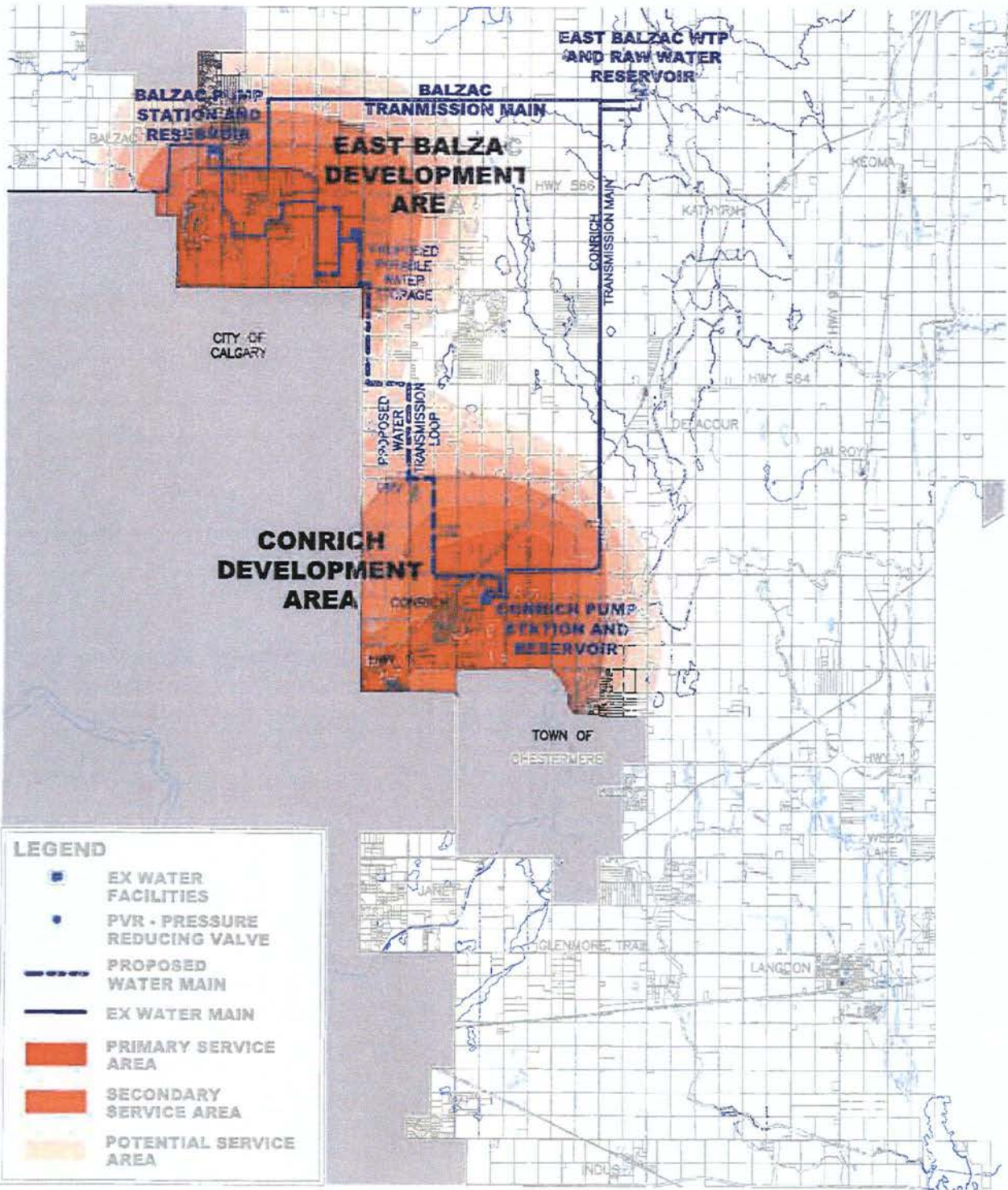
JOB: 2285-016-02

MAP: B-7a

SCHEDULE "B-7b"

SERVICE AREA MAP

EAST BALZAC TRANSMISSION MAIN (OVERSIZE)



- LEGEND**
- EX WATER FACILITIES
 - PVR - PRESSURE REDUCING VALVE
 - PROPOSED WATER MAIN
 - EX WATER MAIN
 - PRIMARY SERVICE AREA
 - SECONDARY SERVICE AREA
 - POTENTIAL SERVICE AREA

CONCEPTUAL ONLY



BYLAW #C-7273-2013

SERVICE AREA MAP
EAST BALZAC TRANSMISSION MAIN
(OVERSIZE)

DATE: MAY 2013

SCALE: 1:200,000

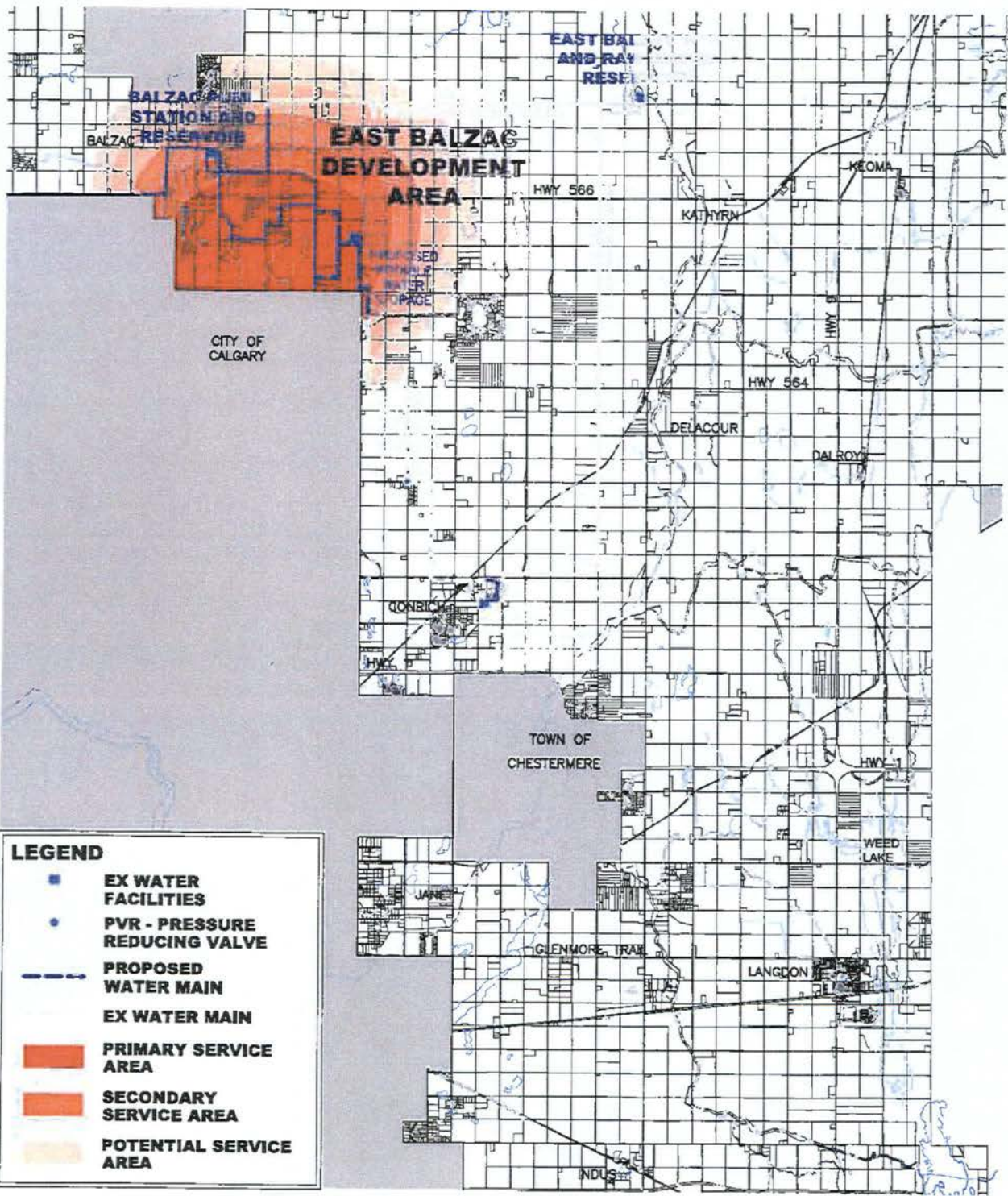
JOB: 2285-016-02

MAP: B-7b

SCHEDULE "B-8"

SERVICE AREA MAP

EAST BALZAC PUMP STATION & RESERVOIR AND RR293 LOOP



CONCEPTUAL ONLY



ROCKY VIEW COUNTY
Cultivating Communities

BYLAW #C-7273-2013

SERVICE AREA MAP
EAST BALZAC PUMP STATION & RESERVOIR
AND RR293 LOOP

DATE: MAY 2013

SCALE: 1:200,000

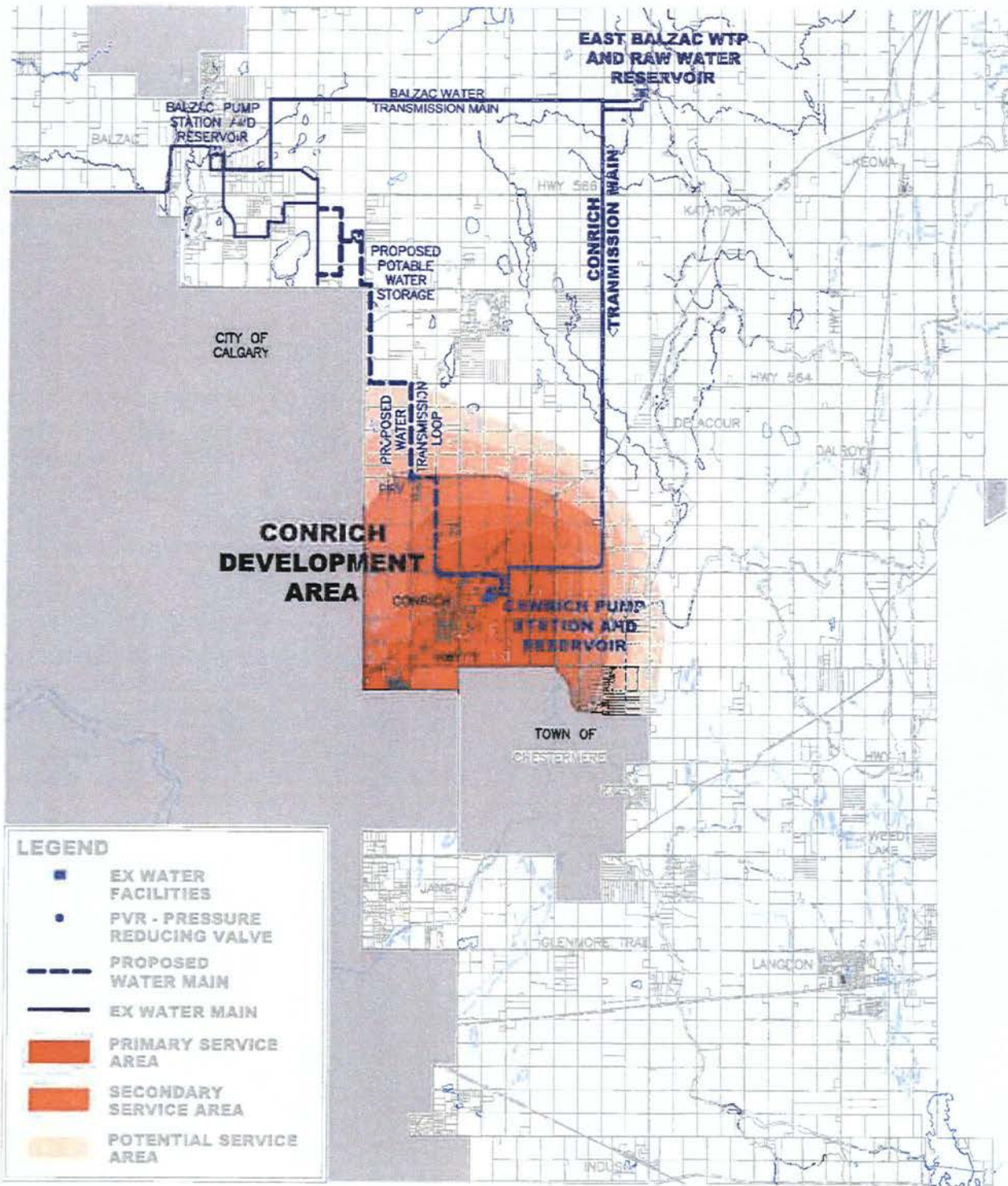
JOB: 2285-016-02

MAP: B-8

SCHEDULE "B-9a"

SERVICE AREA MAP

CONRICH TRANSMISSION MAIN (BASE)



CONCEPTUAL ONLY



BYLAW #C-7273-2013

SERVICE AREA MAP
CONRICH TRANSMISSION MAIN
(BASE)

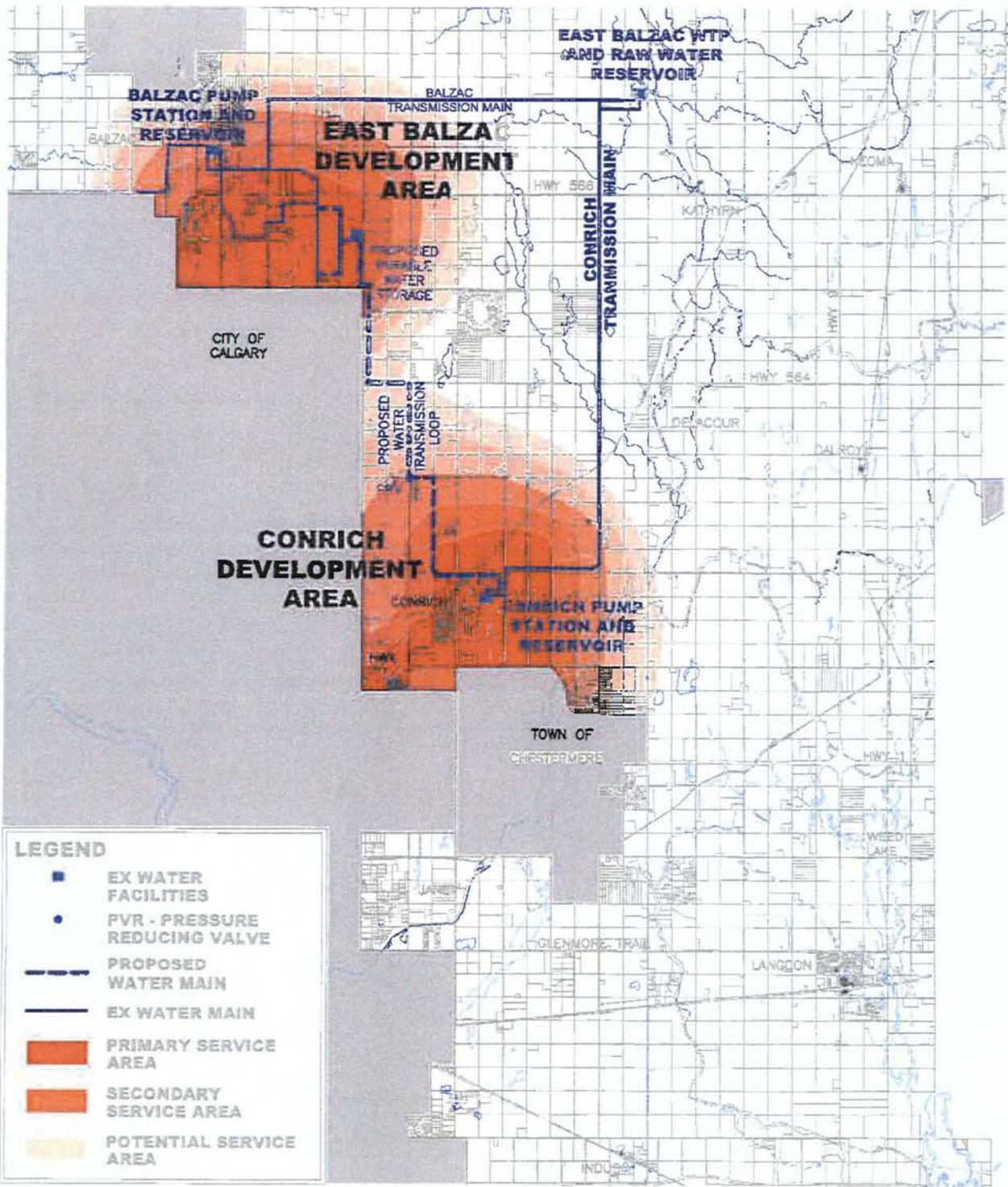
DATE: MAY 2013
JOB: 2285-016-02

SCALE: 1:200,000
MAP: B-9a

SCHEDULE "B-9b"

SERVICE AREA MAP

CONRICH TRANSMISSION MAIN (OVERSIZE)



CONCEPTUAL ONLY



ROCKY VIEW COUNTY
Cultivating Communities

BYLAW #C-7273-2013

SERVICE AREA MAP
CONRICH TRANSMISSION MAIN
(OVERSIZE)

DATE: MAY 2013

SCALE: 1:200,000

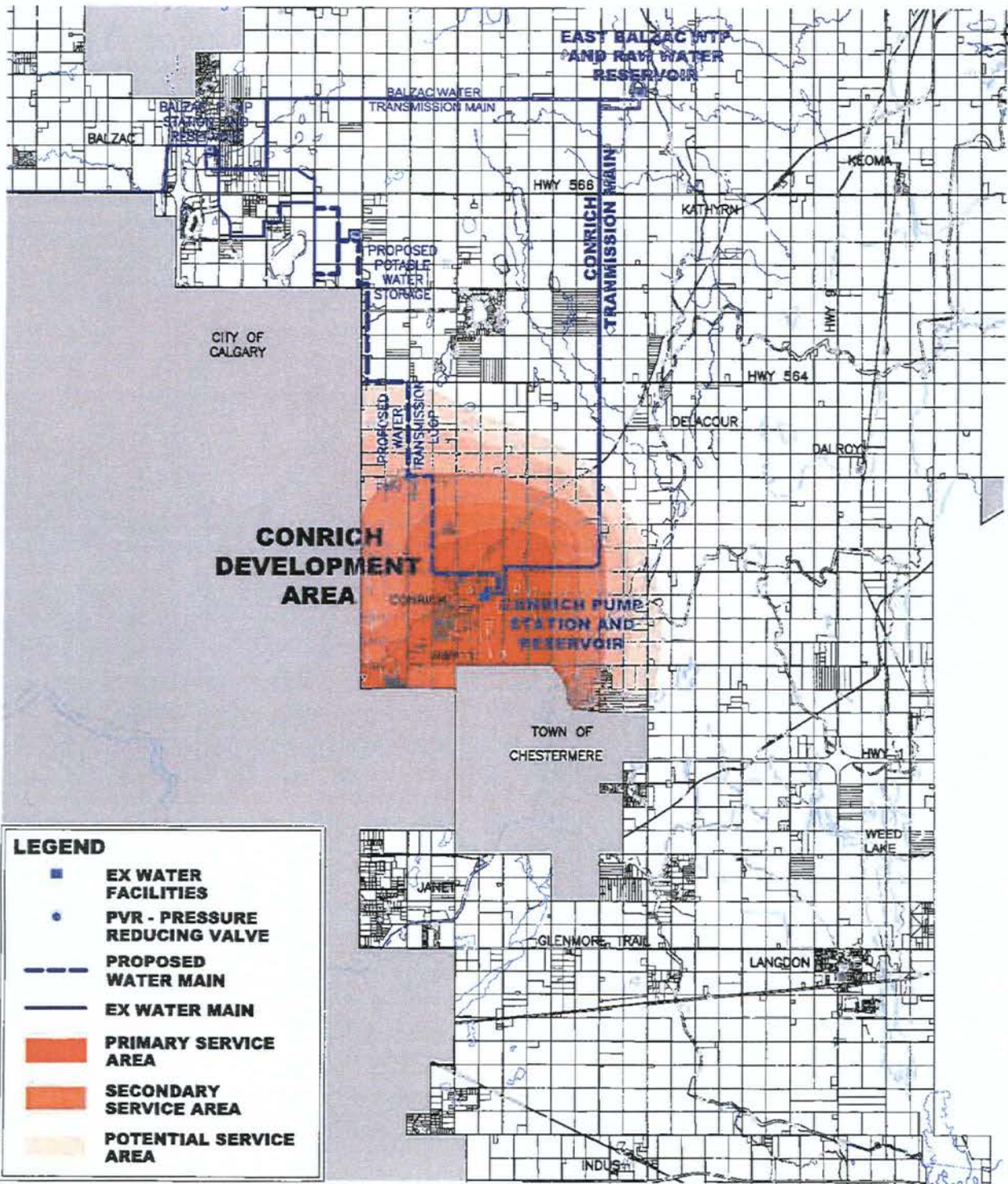
JOB: 2285-016-02

MAP: B-9b

SCHEDULE "B-10"

SERVICE AREA MAP

CONRICH PUMP STATION & RESERVOIR



LEGEND

- EX WATER FACILITIES
- PVR - PRESSURE REDUCING VALVE
- PROPOSED WATER MAIN
- EX WATER MAIN
- PRIMARY SERVICE AREA
- SECONDARY SERVICE AREA
- POTENTIAL SERVICE AREA

CONCEPTUAL ONLY



ROCKY VIEW COUNTY
Cultivating Communities

BYLAW #C-7273-2013

SERVICE AREA MAP
CONRICH PUMP STATION & RESERVOIR

DATE: MAY 2013

SCALE: 1:200,000

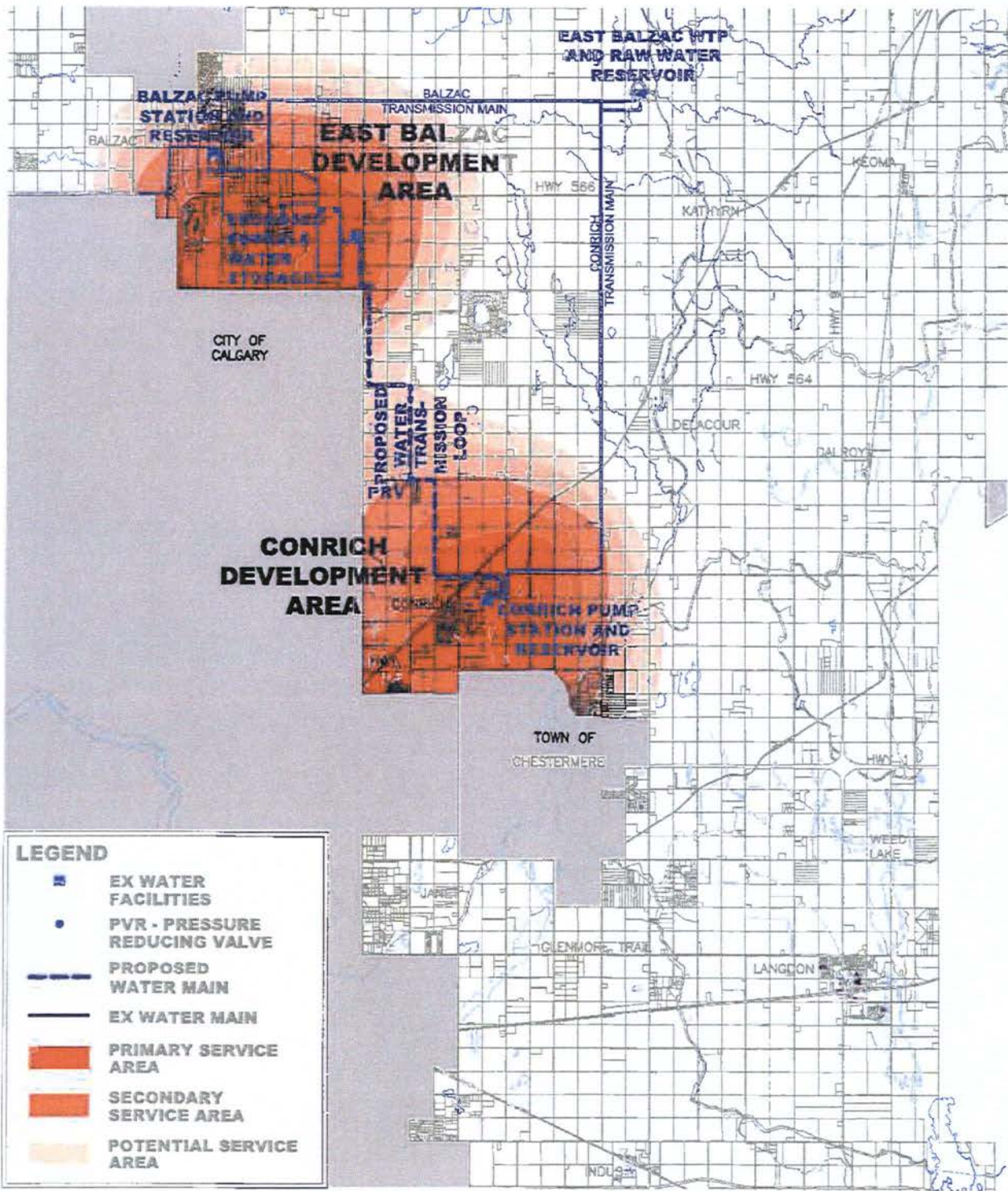
JOB: 2285-016-02

MAP: B-10








SCHEDULE "B-11"

SERVICE AREA MAP

EAST ROCKY VIEW BACK-UP LOOP



LEGEND

-  EX WATER FACILITIES
-  PVR - PRESSURE REDUCING VALVE
-  PROPOSED WATER MAIN
-  EX WATER MAIN
-  PRIMARY SERVICE AREA
-  SECONDARY SERVICE AREA
-  POTENTIAL SERVICE AREA

CONCEPTUAL ONLY



BYLAW #C-7273-2013

SERVICE AREA MAP
EAST ROCKY VIEW BACK-UP LOOP

DATE: MAY 2013
JOB: 2285-016-02

SCALE: 1:200,000
MAP: B-11

SCHEDULE "C"

DETERMINATION OF EACH OFF-SITE LEVY

SCHEDULE "C-1"

LANGDON WASTEWATER TREATMENT PLANT LEVY

Description: Components of the Langdon Wastewater Treatment Plant (WWTP) include the existing WWTP and upgrades to bring capacity to target of 6,800 m³/day average day flow.

The existing WWTP consists of a mechanical Sequential Batch Reactor (SBR) treatment plant with UV disinfection. The WWTP currently has a de-rated average day capacity of 3,010 m³/day (70% of maximum capacity to account for peak I&I flows). Treated effluent from the WWTP discharges into Weed Lake.

The WWTP upgrades will consist of the following:

- Stage 1:
 - Addition of an SBR Basin,
 - Blower building,
 - Sludge dewatering building.
- Stage 2:
 - Addition of another SBR Basin,
 - Blower building,
 - Headworks building complete with equalization tank,
 - UV system (within existing effluent LS building).

Project Costs:

Original Capital:	\$24,225,838.77
Total Remaining Debt:	\$21,131,290.33
WWTP Upgrade Stage 1:	\$11,100,000.00
WWTP Upgrade Stage 2:	<u>\$14,300,000.00</u>
Total Estimated Cost to Levy:	\$46,531,290.33

Upgrade Capacity (Average Day Flow):	6,800 m ³ /day
Capacity Committed (Average Day Flow):	3,400 m ³ /day
Remaining Capacity to Levy:	3,400 m ³ /day

Levy cost calculation: $\$46,531,290.33 / 3,400 \text{ m}^3/\text{day} = \$13,685.67 \text{ per m}^3/\text{day}$ (of projected average day flow)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be Lands with new development that will have wastewater treated at the Langdon WWTP system. This includes but is not limited to Lands located in East Balzac, Conrich, and Langdon Development Areas (as shown on Schedule "A") which are within the Langdon Wastewater Treatment Plant Service Area (as shown on Schedule

"B-1") together with any other Lands which are approved by the County to obtain wastewater servicing through the Langdon WWTP system.

There will be no measureable benefit to existing development as the upgrade will only increase capacity of the WWTP. The upgrades will not provide any greater reliability of service, improved quality of service, or longer lifetime of the service to existing development.

SCHEDULE "C-2"

ERVWWTM & REGIONAL LIFT STATIONS LEVY

Description: Components of the East Rocky View Wastewater Transmission Main (ERVWWTM) and Regional Lift Stations include the existing ERVWWTM and regional lift stations and upgrades to bring capacity of the regional lift stations to the target of 6,800 m³/day average day flow.

The ERVWWTM and three regional lift stations convey wastewater from the Balzac and Conrich development lands to the Langdon WWTP. The ERVWWTM is a 600mm diameter pipe and is approximately 54 km long. The regional lift stations each have two pumps with the capability to add two more pumps for a total of four pumps at full capacity.

The regional lift stations upgrade will consist of the following:

- Addition of a pump to each of the three regional lift stations

Project Costs:

Original Capital:	\$41,052,594.43
Total Remaining Debt:	\$36,032,000.46
Lift Station Upgrade Cost Estimate:	<u>\$ 1,020,000.00</u>
Total Estimated Cost to Levy:	\$37,052,000.46

Upgrade Capacity (Average Day Flow):	6,800 m ³ /day
Capacity Committed (Average Day Flow):	1,884 m ³ /day
Remaining Capacity to Levy:	4,916 m ³ /day

Levy cost calculation: $\$37,052,000.46 / 4,916 \text{ m}^3/\text{day} = \$7,537.02 \text{ per m}^3/\text{day}$ (of projected average day flow)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new development that will connect to the ERVWWTM and Regional Lift Station system. This includes but is not limited to Lands located in the East Balzac and Conrich Development Areas (as shown on Schedule "A") which are within the ERVWWTM Service Area (as shown on Schedule "B-2") together with any other Lands that are approved by the County to obtain wastewater servicing through the ERVWWTM and Regional Lift Station.

There will be no measureable benefit to existing development as the upgrade will only increase capacity of the regional lift stations. The upgrades will not provide any greater reliability of service, improved quality of service, or longer lifetime of the service to existing development.

SCHEDULE "C-3"

LANGDON WASTEWATER UTILITIES LEVY

Description: Components of the Langdon Wastewater Utilities include the existing lift stations and forcemain to convey the wastewater to the Langdon WWTP, and upgrades to add a pump to each of the three lift stations: West, Industrial and Boulder Creek lift stations.

The lift stations each have two pumps with the capability to add one more pump for a total of three pumps at full capacity. The lift station upgrades will consist of the following:

- Addition of one pump to each of the three lift stations

The three lift stations each have a separate service area (as shown on Map B-3), each with a separate off-site levy, as defined as follows:

- Area 1: West Lift Station Service Area
- Area 2: Industrial Lift Station Service Area
- Area 3: Boulder Creek Lift Station Service Area

Area 1: West Lift Station Service Area

Project Costs:

Original Capital:	\$1,000,000.00
Total Remaining Debt:	\$ 955,732.00
Upgrade Cost Estimate:	<u>\$ 133,000.00</u>
Total Estimated Cost to Levy:	\$1,088,732.00

Upgrade Capacity (Average Day Flow):	1,550 m ³ /day
Capacity Committed (Average Day Flow):	243 m ³ /day
Remaining Capacity to Levy:	1,307 m ³ /day

Levy cost calculation: $\$1,088,732.00 / 1,307 \text{ m}^3/\text{day} = \$833.00 \text{ per m}^3/\text{day}$ (of projected average day flow)

Area 2: Industrial Lift Station Service Area

Project Costs:

Original Capital:	\$ 827,571.00
Total Remaining Debt:	\$ 644,219.00
Upgrade Cost Estimate:	<u>\$ 133,000.00</u>
Total Estimated Cost to Levy:	\$ 777,219.00

Upgrade Capacity (Average Day Flow): 1,067 m³/day
Capacity Committed (Average Day Flow): 89 m³/day
Remaining Capacity to Levy: 978 m³/day

Levy cost calculation: $\$777,219.00 / 978 \text{ m}^3/\text{day} = \$794.46 \text{ per m}^3/\text{day}$ (of projected average day flow)

Area 3: Boulder Creek Lift Station Service Area

Project Costs:

Original Capital: \$ 955,000.00
Total Remaining Debt: \$ 983,764.00
Upgrade Cost Estimate: \$ 133,000.00
Total Estimated Cost to Levy: \$1,116,764.00

Upgrade Capacity (Average Day Flow): 2,484 m³/day
Capacity Committed (Average Day Flow): 122 m³/day
Remaining Capacity to Levy: 2,362 m³/day

Levy cost calculation: $\$1,116,764.00 / 2,362 \text{ m}^3/\text{day} = \$472.80 \text{ per m}^3/\text{day}$ (of projected average day flow)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new development that will connect to the Langdon Wastewater Utilities. This includes but is not limited to Lands located in the Langdon Development Area (as shown on Schedule "A") which are within the Langdon Service Area (as shown on Schedule "B-3") together with any other Lands that are approved by the County to obtain wastewater servicing through the Langdon Wastewater Utilities.

Existing development which receives servicing through the Langdon Wastewater Utilities has already contributed off-site levies for this project.

SCHEDULE "C-4"

DALROY REGIONAL LIFT STATION AND WASTEWATER TRANSMISSION MAIN LEVY

Description: Components of the Dalroy Regional Lift Station and Wastewater Transmission Main Systems include the existing forcemain from Lakes of Muirfield to the Dalroy Transfer Station, the Dalroy Transfer Station, and the proposed upgrades to convey wastewater from the Transfer Station to the Langdon WWTP through a forcemain.

The current facilities allow for wastewater from Lakes of Muirfield to be pumped to the Transfer Station via a 4 km long forcemain. The wastewater is collected and stored at the Transfer Station until septic hauling trucks transport the wastewater to the Langdon WWTP.

The upgrades will consist of the following:

- Conversion of the Transfer Station to a Regional Lift Station
- Forcemain from the Lift Station to the Langdon WWTP

Project Costs:

Original Capital: \$ 4,057,054.22

Total Remaining Debt: \$ 1,486,704.04

Upgrade Cost Estimate: \$16,900,000.00

Total Estimated Cost to Levy: \$18,386,704.04

Upgrade Capacity (Average Day Flow): 1,830 m³/day

Capacity Committed (Average Day Flow): 1,000 m³/day

Remaining Capacity to Levy: 830 m³/day

Levy cost calculation: $\$18,386,704.04 / 830 \text{ m}^3/\text{day} = \$22,152.66 \text{ per m}^3/\text{day}$ (of projected average day flow)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new development that will connect to the Dalroy Regional Lift Station and Transmission Main system. This includes but is not limited to Lands located in the Dalroy Development Area (as shown on Schedule "A") which are within the Dalroy to Langdon Sanitary Lift Station and Wastewater Transmission Main Service Area (as shown on Schedule "B-4") together with any other Lands that are approved by the County to obtain wastewater servicing through the Dalroy Regional Lift Station and Transmission Main.

Existing development which receives servicing through the Langdon Sanitary Lift Station and Wastewater Transmission Main has already contributed to the capital costs for this project.

SCHEDULE "C-5"

COCHRANE LAKES WASTEWATER SYSTEM LEVY

Description: Components of the Cochrane Lakes Wastewater Transmission system include the existing wastewater system to service 1,166 residential units at a peak rate of 48.1 L/s (by agreement with Cochrane) in the Cochrane Lakes service area.

Project Costs:

Original Capital: \$ 1,750,000.00

Total Remaining Debt: \$ 1,575,489.90

Upgrade Cost Estimate: \$ --

Total Estimated Cost to Levy: \$ 1,575,489.90

System Capacity (Average Day Flow): 1,049 m³/day

Capacity Committed (Average Day Flow): 258 m³/day

Remaining Capacity to Levy: 791 m³/day

Levy cost calculation: $\$1,575,489.90 / 791 \text{ m}^3/\text{day} = \$1,991.77 \text{ per m}^3/\text{day}$ (of projected average day flow)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new development that will connect to the Cochrane Lakes Wastewater system. This includes but is not limited to Lands located in the Cochrane Lakes Development Area (as shown on Schedule "A") which are located within the Cochrane Lakes Wastewater Transmission Main Service Area (as shown on Schedule "B-5") together with any other Lands that are approved by the County to obtain wastewater servicing through the Cochrane Lakes Wastewater system.

Existing development which receives servicing through the Cochrane Lakes Wastewater Transmission Main has already contributed off-site levies for this project.

SCHEDULE "C-6"

GRAHAM CREEK WTP AND RWR LEVY

Description: Components of the Graham Creek WTP and RWR Project are comprised of an existing Water Treatment Plant (WTP) and a Raw Water Reservoir (RWR) and upgrades to bring capacity to the target of 6,800 m³/day average day demand.

The existing RWR and WTP are located at the Graham Reservoir site. The existing RWR consist of lift stations to pump raw water from the WID canal to a stilling basin and two aerated storage cells. The raw water is pumped from the storage cells to the WTP. The existing WTP has an average day capacity of 3,900 m³/day and includes three DAF filtration trains, three multi-media filters, UV disinfection and chlorine injection. Treated water is stored in a 700 m³ buried contact (CT) reservoir prior to being pumped out to the transmission system.

The RWR upgrade will consist of the following:

- New stilling basin and two storage cells,
- Lift station to transfer water from new cells to WTP,
- Groundwater interceptor system complete with lift station and tie to existing groundwater interceptor system,
- Aeration system in each storage cell,
- Land purchase.

The WTP upgrades will consist of the following:

- Stage 1: Doubling of the WTP building and CT reservoir with the same treatment system as the existing WTP, but with only two additional treatment trains added (for a total of five trains),
- Stage 2: Adding a third treatment train in the expanded building (for a total of six trains).

Project Costs:

Original Capital: \$21,535,321.00

Total Remaining Debt: \$11,539,280.22

RWR Upgrade Cost Estimate: \$21,100,000.00

WTP Upgrade Stage 1: \$13,500,000.00

WTP Upgrade Stage 2: \$ 1,900,000.00

Total Estimated Cost to Levy: \$48,039,280.22

Capacity (Average Day Flow): 6,800 m³/day

Capacity Committed (Average Day Flow): 1,912 m³/day

Remaining Capacity to Levy: 4,888 m³/day

Levy cost calculation: $\$48,039,280.22 / 4,888 \text{ m}^3/\text{day} = \$9,828.00 \text{ per m}^3/\text{day}$ (of projected average day demand)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new development that will connect to the Graham Creek WTP and RWR supply system. This includes but is not limited to Lands located in East Balzac and Conrich Development Areas (as shown on Schedule "A") which are within the Graham Creek WTP and RWR Service Area (as shown on Schedule "B-6") together with any other Lands which are approved by the County to obtain water servicing through the Graham Creek WTP and RWR supply system.

There will be no measureable benefit to existing development as the upgrade will only increase capacity of the water supply system. The upgrades will not provide any greater reliability of service, improved quality of service, or longer lifetime of the service to the existing developments.

SCHEDULE "C-7 (a)"

EAST BALZAC TRANSMISSION MAIN (BASE)

Description: The East Balzac Transmission Main (Base) is comprised of a 400mm diameter water transmission main from the East Balzac WTP to the East Balzac Pump Station & Reservoir.

The average day design capacity of the East Balzac Transmission Main is 6,083 m³/day. The average day demand flow split from the East Balzac WTP with the target system capacity of 6,800 m³/day is assumed to be 2/3 to East Balzac (4,533 m³/day) and 1/3 to Conrich (2,267 m³/day) on a normal operating day.

Project Costs:

Original Capital: \$ 7,402,348.31

Total Remaining Debt: \$ 4,163,448.05

Upgrade Cost Estimate: \$

Total Estimated Cost to Levy: \$ 4,163,448.05

Capacity (Average Day Flow): 6,083 m³/day

Capacity Committed (Average Day Flow): 1,412 m³/day

Remaining Capacity to Levy: 4,671 m³/day

Levy cost calculation: $\$4,163,448.05 / 4,671 \text{ m}^3/\text{day} = \$891.34 \text{ per m}^3/\text{day}$ (of projected average day demand)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new development that will connect to the East Balzac transmission main and/or distribution system. This includes Lands located in the East Balzac Development Area (as shown on Schedule "A") which are located within the East Balzac Transmission Main (Base) Service Area (as shown on Schedule " B-7a") together with any other Lands which are approved by the County to obtain water servicing from the East Balzac transmission main and/or distribution system.

There will be no measureable benefit to the existing developments as there are no upgrades planned for this transmission main. Existing development which receives servicing through the East Balzac Transmission Main has already contributed off-site levies for this project.

SCHEDULE "C-7(b)"

EAST BALZAC TRANSMISSION MAIN (OVERSIZE)

Description: The East Balzac Transmission Main (Oversize) is comprised of the oversizing of the 400mm diameter water transmission main from the East Balzac WTP to the East Balzac Pump Station & Reservoir. The oversizing will be utilized when the Back-Up Loop is constructed and the East Balzac Transmission Main is used to convey water around to Conrich during emergency shutdown of the Conrich Transmission Main.

The average day design capacity of the East Balzac Transmission Main is 6,083 m³/day. In emergency situations the transmission main will utilize its full 6,083 m³/day capacity to meet the 6,800 m³/day demand in conjunction with other components of the East Rocky View Back-Up Loop (Schedule B-11), such as storage. The East Balzac average day demand is projected to be 4,533 m³/day (assumed at 2/3 of target system capacity). The Back-Up Loop system will convey the remaining average day water demand of 2,267 m³/day from Balzac to Conrich.

Project Costs:

Original Capital:	\$ 2,530,405.69
Total Remaining Debt:	\$ 1,423,225.73
Upgrade Cost Estimate:	<u>\$ --</u>
Total Estimated Cost to Levy:	\$ 1,423,225.73

Capacity (Average Day Flow):	6,800 m ³ /day
Capacity Committed (Average Day Flow):	1,912 m ³ /day
Remaining Capacity to Levy:	4,888 m ³ /day

Levy cost calculation: $\$1,423,225.73 / 4,888 \text{ m}^3/\text{day} = \$291.17 \text{ per m}^3/\text{day}$ (of projected average day demand)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new development that will connect to the East Balzac Transmission Main and/or Distribution system or the Conrich Pump Transmission Main and/or Distribution system. This includes but is not limited to Lands located in the East Balzac and Conrich Development Areas (as shown on Schedule "A") located within the East Balzac Transmission Main and/or Distribution system Service Area or the Conrich Pump Transmission Main and/or Distribution system Service Area (as shown on Schedule "B-7b") together with any other Lands which are approved by the County to obtain water servicing through the two named systems.

There will be no measureable benefit to the existing development as there are no upgrades planned for this transmission main oversize. Existing development which receives servicing

through the East Balzac Transmission Main has already contributed off-site levies for this project.

SCHEDULE "C-8"

EAST BALZAC PUMP STATION & RESERVOIR AND RR293 LOOP

Description: This includes the existing East Balzac Pump Station & Reservoir and RR293 Distribution Loop. The design capacity of the East Balzac Pump Station & Reservoir and RR293 Loop are 6,083 m³/day.

Project Costs:

Original Capital:	\$ 9,211,649.00
Total Remaining Debt:	\$ 5,181,088.54
Upgrade Cost Estimate:	<u>\$ --</u>
Total Estimated Cost to Levy:	\$ 5,181,088.54

Capacity (Average Day Flow):	6,083 m ³ /day
Capacity Committed (Average Day Flow):	1,412 m ³ /day
Remaining Capacity to Levy:	4,671 m ³ /day

Levy cost calculation: $\$5,181,088.54 / 4,671 \text{ m}^3/\text{day} \cong \$1,109.20 \text{ per m}^3/\text{day}$ (of projected average day demand)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new development that will connect to the East Balzac Pump Station & Reservoir distribution system. This includes but is not limited to Lands located in the East Balzac Development Area (as shown on Schedule "A") which is within the East Balzac Pump Station & Reservoir and RR293 Loop Service Area (as shown on Schedule "B-8") together with any other Lands which are approved by the County to obtain water servicing through the East Balzac Pump Station & Reservoir distribution system.

There will be no measureable benefit to existing development as there are no upgrades planned for this East Balzac Pump Station & Reservoir or RR293 Loop. Existing development which receives servicing through the East Balzac Pump Station & Reservoir distribution system has already contributed off-site levies for this project.

SCHEDULE "C-9(a)"

CONRICH TRANSMISSION MAIN (BASE)

Description: The Conrich Transmission Main (Base) is comprised of a 300mm diameter water transmission main from the East Balzac WTP to the Conrich Pump Station & Reservoir.

The average day design capacity of the Conrich Transmission Main is 2,932 m³/day. The average day demand flow split from the East Balzac WTP with the target system capacity of 6,800 m³/day is assumed to be 2/3 to East Balzac (4,533 m³/day) and 1/3 to Conrich (2,267 m³/day) on a normal operating day.

Project Costs:

Original Capital:	\$ 8,624,389.13
Total Remaining Debt:	\$ 3,794,321.02
Upgrade Cost Estimate:	<u>\$ --</u>
Total Estimated Cost to Levy:	\$ 3,794,321.02

Capacity (Average Day Flow):	2,932 m ³ /day
Capacity Committed (Average Day Flow):	500 m ³ /day
Remaining Capacity to Levy:	2,432 m ³ /day

Levy cost calculation: $\$3,794,321.02 / 2,432 \text{ m}^3/\text{day} = \$1,560.16 \text{ m}^3/\text{day}$ (of projected average day demand)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new development that will connect to the Conrich Transmission Main and/or Distribution system. This includes but is not limited to Lands located in the Conrich Development Area (as shown on Schedule "A") which is within the Conrich Transmission Main (Base) Service Area (as shown on Schedule "B-9a") together with any other Lands which are approved by the County to obtain primary water servicing through the Conrich Transmission Main and/or Distribution system.

There will be no measureable benefit to existing development as there are no upgrades planned for this transmission main base. Existing development which receives servicing through the Conrich Transmission Main has already contributed off-site levies for this project.

SCHEDULE " C-9(b)"

CONRICH TRANSMISSION MAIN (OVERSIZE)

Description: The Conrich Transmission Main (Oversize) is comprised of the oversizing of the 300mm diameter water transmission main from the East Balzac WTP to the Conrich Pump Station & Reservoir. The oversizing will be utilized when the Back-Up Loop is constructed and the Conrich Transmission Main is used to convey water around to Balzac during emergency shutdown of the East Balzac Transmission Main.

The average day design capacity of the Conrich Transmission Main is 2,932 m³/day. In emergency situations the transmission main will utilize its full capacity of 2,932 m³/day to meet the 6,800 m³/day demand, in conjunction with other components of the East Rocky View Back-Up Loop (Schedule B-11), such as storage. The Conrich average day demand is projected to be 2,267 m³/day (1/3 of target system capacity). The Back-Up Loop system will be utilized to provide the additional flow to Balzac that is required to meet the target average day flow rate of 4,533 m³/day to Balzac.

Project Costs:

Original Capital: \$ 2,531,511.87

Total Remaining Debt: \$ 1,113,744.82

Upgrade Cost Estimate: \$ _____

Total Estimated Cost to Levy: \$ 1,113,744.82

Capacity (Average Day Flow): 6,800 m³/day

Capacity Committed (Average Day Flow): 1,912 m³/day

Remaining Capacity to Levy: 4,888 m³/day

Levy cost calculation: \$1,113,744.82 / 4,888 m³/day = \$227.85 m³/day (of projected average day demand)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all new development on Lands that will connect to the East Balzac Transmission Main and/or Distribution system or the Conrich Transmission Main and/or Distribution system. This includes Lands located in the East Balzac and Conrich Development Areas (as shown on Schedule "A") located within the Conrich Transmission Main (Oversize) Service Area (as shown on Schedule "B-9b") together with any other Lands which are approved by the County to obtain water servicing through the two named systems.

There will be no measureable benefit to existing development as there are no upgrades planned for this transmission main oversize. Existing development which receives servicing through the Conrich Transmission Main has already contributed off-site levies for this project.

SCHEDULE "C-10"

CONRICH PUMP STATION & RESERVOIR

Description: This includes the existing Conrich Pump Station & Reservoir and upgrades to the Reservoir to an average day capacity of 2,932 m³/day (to the same capacity as the Conrich Transmission Main). The existing capacity of the Conrich Pump Station & Reservoir is 1,400 m³/day. The upgrade will consist of a 1,000 m³ reservoir expansion to a total volume of 5,500 m³.

Project Costs:

Original Capital: \$ 9,394,375.00

Total Remaining Debt: \$ 4,133,078.18

Upgrade Cost Estimate: \$ 1,900,000.00

Total Estimated Cost to Levy: \$ 6,033,078.18

Upgrade Capacity (Average Day Flow): 2,932 m³/day

Capacity Committed (Average Day Flow): 500 m³/day

Remaining Capacity to Levy: 2,432 m³/day

Levy cost calculation: $\$6,033,078.18 / 2,432 \text{ m}^3/\text{day} = \$2,480.71 \text{ m}^3/\text{day}$ (of projected average day demand)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new developments that will connect to the Conrich Pump Station & Reservoir distribution system. This includes but is not limited to Lands located in the Conrich Development Area and, if Dalroy connects to this water distribution system, the Dalroy Development Area (as shown on Schedule "A") which are within the Conrich Pump Station & Reservoir Service Area (as shown on Schedule "B-10") together with any other Lands which are approved by the County to obtain water servicing through the Conrich Pump Station & Reservoir distribution system.

There will be no measurable benefit to existing development as the upgrade will only increase capacity of the treated water reservoir. The upgrades will not provide in any greater reliability of service, improved quality of service, or longer lifetime of the service to existing development.

SCHEDULE "C-11"

EAST ROCKY VIEW BACK-UP LOOP

Description: The East Rocky View Back-Up Loop will be comprised of a 400mm diameter water transmission main between Balzac and Conrich, and a 3,000 m³ Potable Water Reservoir.

The East Rocky View Back-Up Loop will include a new transmission main and potable water reservoir to provide back-up of the existing transmission system in the event that either the Balzac or Conrich transmission mains are out of service (emergency condition). The Water Reservoir will be utilized to provide the additional volume required to meet the target average day flow rate. The design of the Back-Up Loop system assumes that three average days of storage is to be available, as this is established as a reasonable time to locate, repair a line break and put the system back into service. This schedule includes the purchase of land for the Potable Water Reservoir.

Project Costs:

Original Capital:	\$ --
Total Remaining Debt:	\$ --
Back-Up Loop Cost Estimate:	<u>\$17,900,000.00</u>
Total Estimated Cost to Levy:	\$17,900,000.00

Capacity (Average Day Flow):	6,800 m ³ /day
Capacity Committed (Average Day Flow):	1,912 m ³ /day
Remaining Capacity to Levy:	4,888 m ³ /day

Levy cost calculation: $\$17,900,000.00 / 4,888 \text{ m}^3/\text{day} = \$3,662.03 \text{ m}^3/\text{day}$ (of projected average day demand)

Cost and Benefit Allocation Rationale (New and Existing Development):

The Lands benefitting from this project will be all Lands having new development that will connect to the East Balzac Transmission Main and/or Distribution system or the Conrich Transmission Main and/or Distribution system. This includes new development on Lands located in the East Balzac and Conrich Development Areas (as shown on Schedule "A") which are within the East Rocky View Back-Up Loop Service Area (as shown on Schedule "B-11") together with any other Lands which are approved by the County to obtain water servicing through the two named systems.

There will be no measureable benefit to existing development. The Back-Up Loop system will benefit future development by providing the same level of system reliability to future development that is currently provided to existing development. The current level of system

reliability provided to existing development will be maintained but not improved upon by the Back-Up Loop System. The full rationale for this cost allocation is provided in the MPE Engineering Ltd. report dated May 17, 2013.

SCHEDULE "D"

OFF-SITE LEVY SUMMARIES

1. Off-Site Levies calculations for both Water and Wastewater Utilities are based upon the anticipated per m³ water volume required to service the proposed development on the Lands, as estimated by the Developer and agreed upon by the County in writing at the time of Development permit application or Subdivision approval application for the Lands.
2. Table D.1 sets out the per m³ levy amounts for the purpose of calculating the appropriate Off-Site Levy amount for all Wastewater Utilities and Water Utilities.
3. The per m³ levy capacity estimates shall not be less than as stipulated in Table D.2 unless specifically approved by the County, in its sole discretion, in writing. If the Developer wants to use a flow rate less than that stipulated in Table D.2 for the purpose of estimating water volume required to service the proposed development, the Developer must submit sufficient justification which is acceptable to the County for using the proposed lower flow rate before the County will consider accepting a lower per m³ levy capacity calculation. Where a lower flow rate is accepted by the County, the proposed development may be subject to special conditions such as phasing and/or monitoring over time.
4. The County reserves the right to incorporate flow control devices to serviced Lands to limit actual flow to the Water Utility and/or Wastewater Utility servicing capacity agreed upon for the purpose of calculating the appropriate Off-Site Levy amount pursuant to this Bylaw.
5. Where the actual Water Utility and/or Wastewater Utility servicing capacity requirement for development on the Lands exceeds the estimated capacity agreed upon for the purpose of this Bylaw, any additional servicing capacity approved by the County to be provided to the Lands which exceeds the servicing capacity amount agreed upon for the purpose of this Bylaw may be subject to such additional terms, connection fees, rates, charges and contributions as deemed appropriate by the County pursuant to Section 34 of the *Municipal Government Act*, R.S.A. 2000 Chapter M-26 and any applicable County bylaw including but not limited to any applicable Wastewater Utility bylaw, Water Utility bylaw and/or master rates bylaw.
6. As a general reference guide only, Table D.3 provides a summary of what Off-Site Levies for Water Utilities and Wastewater Utilities will typically be attributable to Lands within the various Development Areas (as shown on Schedule "A") and Service Areas (as shown on Schedule "B"). The exact Off-Site Levy(ies) imposed upon any specific Lands will be subject to which Wastewater Utilities and/or Water Utilities will be servicing the proposed development on the Lands, as approved by the County.

SCHEDULE "D"

Table D.1: Off-Site Levy Summary

Offsite Levy Schedule	Cost	Service Area Map
WASTEWATER LEVIES		
Schedule C-1: Langdon WWTP	\$13,685.67 per m ³	B-1
Schedule C -2: ERVWWTM & Regional Lift Stations	\$7,537.02 per m ³	B-2
Schedule C -3: Langdon Wastewater Utilities: Area 1: Area 2: Area 3:	 \$833.00 per m ³ \$794.46 per m ³ \$472.80 per m ³	 B-3
Schedule C -4: Dalroy Regional LS and Wastewater Transmission Main	\$22,152.66 per m ³	B-4
Schedule C -5: Cochrane Lakes Wastewater	\$1,991.77 per m ³	B-5
POTABLE WATER LEVIES		
Schedule C -6: Graham Creek WTP & RWR	\$9,828.00 per m ³	B-6
Schedule C -7a: East Balzac Transmission Main (Base)	\$891.34 per m ³	B-7a
Schedule C -7b: East Balzac Transmission Main (Oversize)	\$291.17 per m ³	B-7b
Schedule C -8: East Balzac Pump Station & Reservoir and RR293 Loop	\$1,109.20 per m ³	B-8
Schedule C -9a: Conrich Transmission Main (Base)	\$1,560.16 per m ³	B-9a
Schedule C -9b: Conrich Transmission Main (Oversize)	\$227.85 per m ³	B-9b
Schedule C -10: Conrich Pump Station & Reservoir	\$2,480.71 per m ³	B-10
Schedule C -11: East Rocky View Back-Up Loop	\$3,662.03 per m ³	B-11

Table D.2: Minimum Projected Water and Wastewater Flows

Type of Development	Minimum Projected Average Day Water Demand (m³/day)	Minimum Projected Average Day Wastewater Flow (m³/day)
Residential	950 L/day/unit	855 L/day/unit
Commercial	The County will require the Developer to submit specific projected flows for both water and wastewater together with sufficient and acceptable justification for the projected flows for all proposed Development permit applications or Subdivision applications.	
Industrial		

Table D.3: Summary of Development Areas and Applicable Off-site Levy Schedules

Development Area	Wastewater Facilities			Water Facilities									
	Langdon WTP	ERVWWTM and Regional Lift Stations	Langdon Wastewater Utilities	Dalroy Regional Lift Station and Wastewater Transmission Main	Cochrane Lakes Wastewater System	Graham Creek WTP & RWR	East Balzac Transmission Main (Base)	East Balzac Pump Station & Reservoir and RR293 Loop	Conrigh Transmission Main (Base)	Conrigh Transmission Main (Oversize)	Conrigh Pump Station & Reservoir	East Rocky View Back-Up Loop	
Map Schedule	B-1	B-2	B-3	B-4	B-5	B-6	B-7a	B-7b	B-8	B-9a	B-9b	B-10	B-11
Off-Site Levy	C-1	C-2	C-3	C-4	C-5	C-6	C-7a	C-7b	C-8	C-9a	C-9b	C-10	C-11
East Balzac	Y	Y	N	N	N	Y	Y	Y	Y	N	Y	N	Y
Conrigh	Y	Y	N	N	N	Y	N	Y	N	Y	Y	Y	Y
Langdon	Y	N	Y	N	N	N	N	N	N	N	N	N	N
Dalroy	Y	N	N	Y	N	N	N	N	N	N	N	N	N
Cochrane Lakes	N	N	N	N	Y	N	N	N	N	N	N	N	N

Y = YES - Schedule is applicable

N = NO - Schedule is not applicable

Note: Development areas are as shown on Schedule A