

**Calgary Corporate Challenge**  
**Urban Orienteering Practice 2011 – Solution Guide**

Diversion

Once you matched up all the bricks at Olympic Plaza, the letters you were left with were : I O V M E R P which when unscrambled only spells one word : IMPROVE.

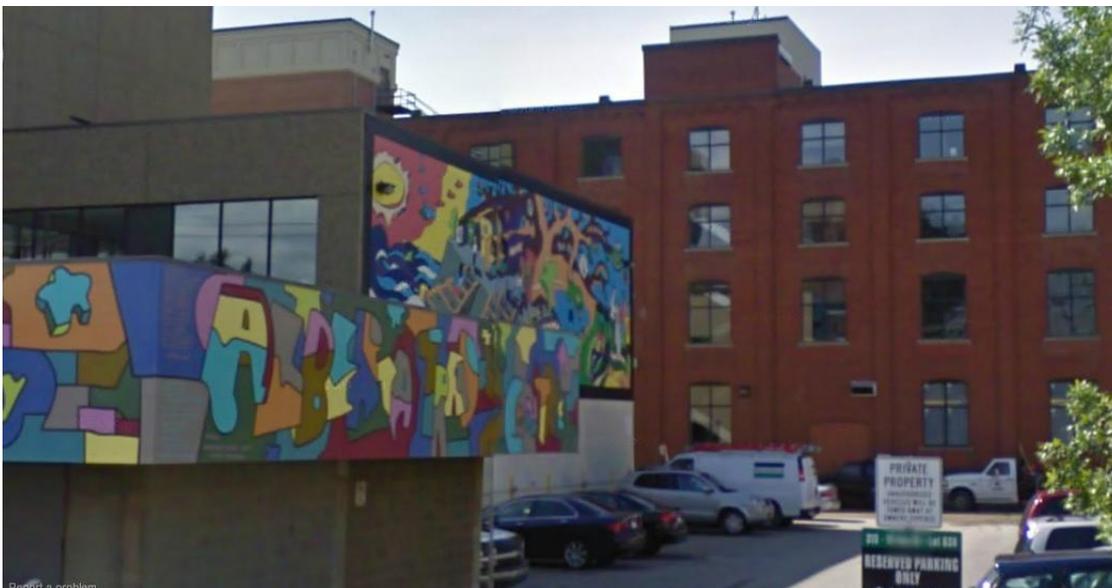
Puzzle – The City’s Been Overrun with Animals

Part 1: Collecting the Animals

You were looking for :

Zookeeper	Animal	Code Letter
Alex	Beaver	1 <sup>st</sup> Letter = B
Brett	Flamingo	Last Letter = O
Chris	Horse	Middle Letter = R
Dave	Monkey	1 <sup>st</sup> Letter = M
Eddie	Chicken	2 <sup>nd</sup> Last Letter = E
Fred	Camel	1 <sup>st</sup> Letter = C
Greg	Sea Turtle	1 <sup>st</sup> Letter of 2 <sup>nd</sup> Word = T
Harry	Unicorn	Last Letter = N
Ivan	Bear	2 <sup>nd</sup> Letter = E

Two animals gave some teams issues. The first was the mural at 315 10<sup>th</sup> Ave SE which was in the process of being painted over. Here’s what it used to look like, in the background along the wall – you can just make out painted ladders. (Shame that it’s no longer there). We realized it was painted over only during the event, and from that point on started giving teams this answer.



The other location that gave teams an issue was the answer ‘Horse’ at 1315 1<sup>st</sup> St SW. It so happened that there were some temporary posters on the front of the building that included drawings of animals for Tourism Victoria (many teams had answered whale). However – the additional clue given in the puzzle for this

location was 'Mescalero', and if a clue is given it normally is important and has some meaning, so you should try to make some sense of it. In this case, the side of the building had this very large mural:



The word 'Mescalero' is there on the left side of the mural. Once you see this word – the answer can only be 'horse'. This building was the former site of the Mescalero restaurant. Some teams knew this so thought the clue was just a hint to the location in general – however if a clue is given it's probably a safe assumption it's there for a specific reason.

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## Part 2: Putting the Animals in their Pens

You could solve the logic part of this puzzle at any time – you didn't necessarily need to collect all the animals first. Some teams even had one of their team members solve this portion while they were still running around downtown and the beltline – saving a lot of time.

1. *Alex's animal does not go into any of the southern pens.* So we know Alex doesn't go in the bottom row.
2. *Eddie's animal goes directly north of Chris's and directly next to Fred's (whose animal lives in a West pen).*

This is the big clue to start. While we don't know exactly where these go in the grid, this does give us the relationship at right (using the first initial of each zookeeper). We

F — E  
|  
C

also know that Fred is in a 'West pen' - i.e. the first column. And we also know from this that Fred & Eddie must either go in the top row or the middle row.

3. *Brett's animal goes an Eastern pen and more north than Eddie's animal.*

If Brett is more north than Eddie, then Eddie (and Fred too) must be in the middle row if Eddie is also to be more north than Chris. This clue allows us to start filling in the grid.

		<b>B</b>
<b>F</b>	<b>E</b>	
	<b>C</b>	

4. *Dave's animal will live directly north of Eddie's.* Dave obviously then goes in the middle of the top row.

5. *Harry's animal lives directly north of Ivan's.* Harry must then take up the last spot on the middle row - it is the only place left which has a spot directly below south of it. So Ivan's spot is the bottom right corner. These last two clues make the grid look like :

	<b>D</b>	<b>B</b>
<b>F</b>	<b>E</b>	<b>H</b>
	<b>C</b>	<b>I</b>

We know from the very first clue that Alex doesn't go in a 'South pen' - the bottom row, so he must be placed in the very first pen in the top row as it's the only one left. That leaves Greg, who isn't mentioned anywhere, to go in the last spot available. We now have the grid completed.

<b>A</b>	<b>D</b>	<b>B</b>
<b>F</b>	<b>E</b>	<b>H</b>
<b>G</b>	<b>C</b>	<b>I</b>

Which - when you substitute the code letters becomes :

<b>B</b>	<b>M</b>	<b>O</b>
<b>C</b>	<b>E</b>	<b>N</b>
<b>T</b>	<b>R</b>	<b>E</b>

When read across each row , the solution to the puzzle appears – the **BMO Centre**.

Some teams thought this was the Bank of Montreal office building on north side of 7<sup>th</sup> Avenue and 3<sup>rd</sup> Street SW. They probably didn't read all the instructions as the last line of the puzzle said "*It's a popular place south of the tracks that in the past also had an animal themed name.*" Whether you take 'the tracks' to mean the C-Train tracks along 7<sup>th</sup> Avenue, or the main train tracks between 9<sup>th</sup> & 10<sup>th</sup> Avenues, the place to go can't be the office building. And the BMO Centre as it happens used to be called the Roundup Centre, nicely fitting in with the animal theme for this puzzle.



### Orienteering

If you had a full team of 4 people, the best strategy was to split your team in half to complete two loops, one going north and the other south. The stronger pair of runners in your team would tackle the longer loop. At the end of each loop, each pair could take a shortcut down the stairs from the top of Scotsman Hill to the back of the Stampede grounds, and make their way back to the finish line at the BMO centre.