# Sharpening Images

For Your Reference…

To ***clarify*** and ***sharpen images***:

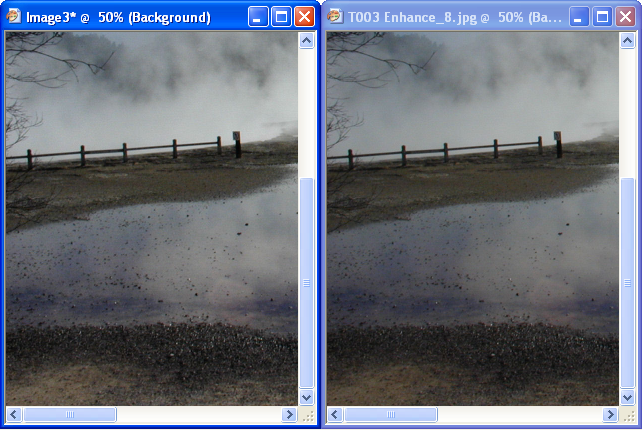
1. Select **Adjust** > **Brightness and Contrast** > **Clarify**
2. Adjust the ***Strength of effect*** then click on **[OK]**
3. Select **Adjust** > **Sharpness** > **Sharpen**

Handy to Know…

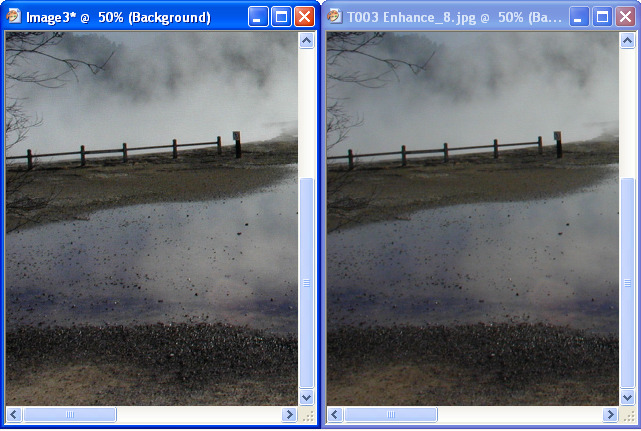
* Paint Shop Pro's ***Sharpen More*** command works similarly to the ***Sharpen*** command, except that it sharpens with a stronger effect. To do this, select **Adjust** > **Sharpness** > **Sharpen More**. Be aware that the ***Sharpen More*** command will increase the graininess of the image.

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| **Try This Yourself:** | |
| Open File | Before starting this exercise you MUST open the file T003 Enhance\_8.jpg... |
|  | Press SHIFT +  to duplicate the image, then select **Window** > **Tile Vertically** – this will allow us to compare the results |
|  | Pan down both images to their bottom left corners, then ensure that the duplicated image is active |
|  | Select **Adjust** > **Brightness and Contrast** > **Clarify** to display the ***Clarify*** window |
|  | Increase ***Strength of effect*** to ***4*** then click on **[OK]** to apply the effect  *Notice that the pebbles, in particular, look clearer…* |
|  | Select **Adjust** > **Sharpness** > **Sharpen**  *Notice that the pebbles and the rocks near both the fence and the edge of the lake, are noticeably more defined…* |
|  | Close both images without saving any changes |

Paint Shop Pro's ***Clarify*** function allows you to make your images clearer and more focussed by adding a sense of depth to them. It can also make hazy and slightly out of focus images clearer. You can also use the ***Sharpen*** and ***Sharpen More*** features to increase the contrast of adjacent pixels where there is a significant contrast in colour.



**4**



**5**

**4**