

SECTION V -TIMELINES AND RATIONALE	
<p><i>Timelines or milestones represent key dates in the project when progress is achieved (such as the completion of a phase or a component of the project) and should be provided for projects whose construction time is expected to last beyond one year. A description of each milestone and its anticipated completion should be provided.</i></p>	
<p>Project Start Date: 2008-03-01</p>	<p>Project End Date: 2010-03-01</p>

Project Milestones	Date (YYYY-MM-DD)
Engineering Construction design	2008-07-01
Watermain installation	2010-03-01

Project Rationale

1. Project Description/Abstract
The project description should outline the scope, the business impact, finances and the recommendations. It should also give the reader a clear understanding as to the Why, What, When, Who and How of the project and should be able to be extracted as a stand-alone description.

The Senanus Watermain project provides for the installation of 1,850 lineal metres of 200 mm dia. PVC watermain, 1,120 lineal metres of 150 mm dia. PVC watermain plus ancillary works, along Mount Newton Cross Road, West Saanich Road and Senanus Drive for the purpose of delivering domestic potable water to the 64 residences whose properties abut the pipeline route. These residences currently obtain their domestic water supply from wells. Approximately 25% of the wells in use are considered unsatisfactory due to insufficient water quantity or quality. At present, many residents must rely on the delivery of water by truck to private reservoirs located on their properties to ensure an adequate supply of potable water, at considerable annual cost. Extension of the District of Central Saanich water system from the Thomson Road intersection on Mount Newton Cross Road to the most westerly extent of Senanus Drive would ensure a reliable and adequate supply of potable domestic water to all residents from the municipally owned/operated water system. Please see Attachment 1 - Senanus Drive Watermain Study - Bullock Baur Associates Ltd. A revised Construction Cost Estimate for cost escalation to 2008 is included.

2. Project Rationale
This section should provide a synopsis of what is happening currently within the municipality of region and what might happen if no action is taken at this time. Make sure that you define the business opportunity/problem in clear terms. If statistical information is available to support this business case then state what and where it can be found. It should describe the history and the current state of affairs giving rise to the general business problem and thus the need for the project.

At the time residences were constructed in the Senanus Drive area, municipal water service did not exist so building permits were issued on the basis of groundwater sources (wells). Over time, with the additional exploitation of the water resource, the water quality in the aquifer has deteriorated, both in quantity and quality. Salt water intrusion has occurred and increased mineralization of the water has been evident. Many Senanus Drive residents are no longer able to obtain their domestic water supply from groundwater sources. Several options have been exercised over the years, including the drilling of new wells, installing water treatment devices within the home, installing cisterns to store water on-site and trucking in water by tanker truck. Treatment of on-site waste water and distillation of sea water has also been examined but considered to be impractical. Several investigations and reports have been conducted over the years. The option preferred by the residents is to extend a watermain to the end of Senanus Drive from the end of the existing municipal water system on Mount Newton Road. Other watermain routes have been considered but the proposed project is the most practical of the routes examined. If this project is not undertaken, many residents will continue to have an unsatisfactory supply of potable drinking water.

USE CONSTRUCTION

WILL THIS LEAD TO FURTHER DEVELOPMENT OF AGRICULTURE 2015 IN THE AREA

Project Rationale - continued

3.1 What is your project?
This section should provide a clear definition of what the project will accomplish (objective), what the project will and will not include (scope), what are the expected results (outcomes) and who are the players (stakeholders).

This project will provide 64 residences whose present source of domestic water is groundwater (wells) with municipal water service by installing 150 mm and 200 mm diameter watermains along the roads