

**ATTACHMENT 5 – WORK PLAN**

The study objectives or task items shall be conducted in the following sequence with reports to be submitted for each task, as well as a summary report to be furnished at the end of the proposed study.

<b>Task</b>	<b>Objective/Work Item</b>	<b>Deliverables (*)</b>
(a)	Facilitate public workshop, cooperation among stakeholders, select consultant and present to City Council for awarding feasibility study	<b>City Council</b> – awarding project to the selected consultant to conduct the study
1	Identify regulatory requirements and regulatory steps to recharge recycled water at the Upland Basin	<b>Report 1</b> – Outlining specific regulatory requirements and action steps to achieve them.
2	Evaluate facilities required to deliver recycled water to the Upland Basin	<b>Report 2</b> – Outlining any facilities, and pertinent capacities, to be expanded or constructed to facilitate the recharge of recycled water at the Upland Basin, including laterals, pump stations, inlets/outlets, valves, etc.
3	Evaluate potential or future recycled water uses, either within or outside Upland, which may be served as outcomes of facilities expansion	<b>Report 3</b> – Detailing possible recycled water users (and usages) the City may consider on its way of delivering recycled water to the Upland Basin, with reasons and benefits, in terms of water supply to the region.
4	Evaluate/review qualities of storm water, recycled water, untreated imported water, and hydro-geological data of the Upland Basin	<b>Report 4</b> – Listing analytical reports or documents noting qualities of recharge resources.
5	Identify the operating plan to meet regulatory requirements that provide the most recharge benefit in groundwater quality and quantity, given the sources of water available for recharge as recycled water, storm water and imported water	<b>Report 5</b> – Outlining operating plans and options or scenarios, with specific operating parameters (like recharge volumes and periods, indicators, and maintenance schedules, etc.) to fully utilize the recharge capacity of the Upland Basin for the region as a whole.
6	Model/evaluate impacts to the Chino Basin’s groundwater, short-term and long-term, due to recycled water recharge	<b>Report 6</b> – Listing projected outcomes and impacts to the Chino Basin Groundwater qualities and quantities.
6a	Collect and review appropriate groundwater model data available from the existing 2012 Chino Basin Groundwater Model and prepare input files/data	
6b	Create and run the models necessary to predict outcomes due to recharge at the Upland Basin, with all alternatives and scenarios relevant to the existing 2012 Chino Basin Groundwater Model	
6c	Revise and calibrate models	

6d	Interpreting results and provide reports	
7	Assess impacts to down gradient existing supply wells due to recycled water recharge	<b>Report 7</b> – Listing projected impacts to water qualities in down gradient water supply wells due to recharge of recycled water at the Upland Basin.
8	Evaluate operational costs and staffing requirement for recharge operation	<b>Report 8</b> – Identifying all costs relating to operation of the Upland Basin for recharge of recycled water, including monitoring, reporting and staffing.
9	Identify probable and equitable benefits to the City resulting from the volume of recharge to the Upland Basin and the Chino Basin groundwater	<b>Report 9</b> – Outlining projected benefits, in terms of water supply to the region in general and the City in particular, as well as financial estimates.
10	Project Conclusion	<b>Summary Report</b> – Consolidating all sub-reports, with summary, executive write-up and recommendations.
<p>(*) At a minimum, a bi-weekly meeting should be conducted to assure project advancement. All reports shall be discussed and reviewed with the City staff for accuracy and quality control prior to advancing to next step. All reports shall be accompanied with necessary graphs and maps demonstrated for readers' comprehension.</p>		