

8.5. Connection to Existing Approval

The following requirements are applicable to the connection to DMAT existing network submission:

- a. Two complete sets – Hard Copies - of the concept design package (as approved by UPC) produced in sufficient details and readable scale to check the possibility to connect to the proposed connection point (existing DMAT Manhole). This package shall include:
 - i. General catchment area with the proposed layouts.
 - ii. Description of criteria adopted to calculate flows produced from the project catchments.
 - iii. Calculated flows at the connection point(s). Flow calculation should be based on methods provided in Design Manual , and it should also show peak flow for desired return period.
 - iv. General hydraulic calculation to confirm the possibility of the gravity network to connect at the invert level of the existing manholes.
 - v. Any other details can facilitate the review and approval of the connection to existing.
 - vi. Shape file for the catchment
- b. A presentation to DMAT might be required as well as coordination with DMAT Operation and Maintenance section during the review process to address particular issues.
- c. DMAT approval for the connection to existing is always conditional to the submission of the preliminary and detailed design and obtains DMAT approval on the submittals.