

## CASE HISTORY

### Wellhead Protection Plan Revisions

**Challenge:**

As part of the statewide wellhead protection program, Community Water Supply Systems (CWSSs) need to design and implement optimal management strategies for the protection of groundwater. Fanning Howey had designed such Wellhead Protection Plans (WHPPs) for 11 communities within Indiana. IDEM provided their comments, and the plans needed to be revised accordingly for approval.

**Action:**

Fanning Howey contracted with MUNDELL to provide detailed consistent revisions for 11 management plans for wellhead areas throughout the state of Indiana (Town of Linden, town of Andrews, town of Van Buren, town of Camden, town of Chalmers, Country Squire MHP, Crescent Hills MHP, Maplelane MHP, Ten Oaks MHP, Miami Village MHP, Coachlight MHP). The revisions were performed to assure compliance with the Indiana Wellhead Protection Rule (327 IAC 8-4.1). MUNDELL confirmed that the the following were adequately addressed in the Phase I plans: establishment of the Local Planning Team (LPT), wellhead protection area delineation, identify and inventory of potential sources of contamination (PSCs), management plan for the PSCs, and development of a contingency plan. This revision procedure involved continual interaction with the water utilities/consultants, providing technical as well as administrative guidance and help in developing and implementing optimal management plans. The approach included an objective assessment and an unbiased evaluation of the management plans and provided appropriate analysis and suggestions in order to enhance the plans.

**Results:**

With expertise in the development of appropriate review and quality assurance procedures in water resource planning, MUNDELL personnel successfully completed all the revisions ahead of schedule, resulting in approved wellhead protection plans for a large number of communities throughout Indiana.

