



Site Investigation County Conducted – Soil Characterization Only Procedure

Submit in Citizenserve <https://www.citizenserve.com/Portal/PortalController>

Fee: \$350.00

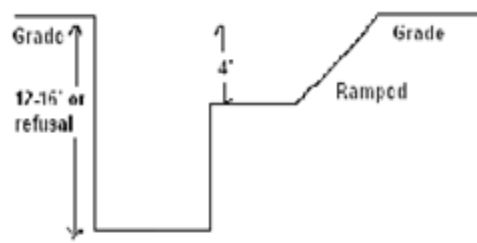
- A plot plan must be drawn to an engineering scale of 1" =20', 1" =30', 1" =40', 1" =50', or 1" =60'. The submittal must be a PDF document and sized no greater than 8.5 x 11. The plot plan must show the dimensions of the parcel and exact location of the discovery holes. Include distances from the holes to the property lines and the distances between the holes, location of any roads, accesses, easements, washes, North arrow, slope, existing structures, wells, etc.
- Request for Site Investigation-Directions to Property (to include a detailed map & written directions)

The Environmental Unit requires applicants to submit for the site investigation through the county's web portal before digging the test holes. A sanitarian will review the submittal then reach out to the applicant to dig the holes and request the inspection. After the site inspection, the inspector will notify the applicant at the phone number noted on the Request for Site Investigation-Soil Characterization form or via email that the holes must be backfilled within 24-hours as per County Ordinance no. 1996-1. A written report will be prepared that includes all pertinent information relative to system design. We will email the Site Inspection report to the applicant: enviro.services@yavapaiaz.gov

The purpose of the site inspection is to view the soil types, depth of soils, topography, and geology of the site to determine the site's suitability for installation of an on-site wastewater disposal system.

A minimum of 3 discovery holes are required for application of a conventional septic permit. Two discovery holes in the primary disposal area and one discovery hole in the reserve area are required. If the property is in a subdivision approved prior to 1974, a reserve area is not required therefore only 2 discovery holes are necessary. The primary and reserve leach field must be placed inside a 30' radius of the discovery holes. Additional testing is required if the discovery holes do not provide adequate area for primary and reserve installation or if soil or site conditions warrant such. It is recommended that discovery holes be dug 50' to 60' apart to provide maximum coverage for system installation. Additional discovery holes provide the designer with greater flexibility for system placement.

Discovery holes must be dug with a ledge or shelf not deeper at 4-feet below grade by which the inspector can gain access to deeper soils. As different soil colors or textures are exposed, the spoils should be separated into separate piles (i.e., topsoil pile, yellow colored pile, tight rock pile). The holes should look something like the following illustration:



Approaches to the discovery holes must be made safe for the inspector to view the holes and take necessary samples for characterization. It is strongly suggested that discovery holes be covered with gates made of fence material or otherwise identified to the average person crossing the property. Inspectors will NOT move solid materials such as plywood or sheet metal to expose the holes-the inspector will leave the site uninspected.

The system designer will want the depth of discovery holes to be at least 12' or backhoe refusal to have the greatest design flexibility. If the soil is very sandy, the discovery holes should be 16' deep or depth of collapse to ensure that groundwater is not too close to the surface. If the discovery holes are not 12' to 16' deep a conventional system may be more difficult or impossible to design.



YAVAPAI COUNTY DEVELOPMENT SERVICES DIRECTIONS TO SITE

Instructions: An actual detailed line map along with written directions is needed. Add any significant buildings, landmarks, main highway, mileage markers, street names, cross streets and north arrow. If the map is not adequate, it could cause a delay in inspecting your project. Please provide a contact phone number for difficult to locate parcels:

SEE EXAMPLE:

ASSESSOR'S PARCEL NUMBER	ADDRESS	Contact Phone
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# _____	_____	_____
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Written Directions: Please include nearby landmarks if possible.

Yavapai County Coordinated Permit Process Plot Plan Sketch and Affidavit			Area Map for parcels exceeding 2 acres or with dimensions over 300'.		Document #																									
<p>I certify that I am authorized by the property owner to make this application, that all information provided for this application is correct and that this plot plan, as part of the permit, indicates all structures (including fences, walls, and pads), correct property and building dimensions; setback distances; legal access and easements; road cuts; walls and/or any water course (including washes, drainage ditches etc.) on or within 50'; 100' and 200' respectively of the property. We agree to conform to all applicable laws of this jurisdiction.</p>			<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>																											Sec
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<p>Must be drawn to scale per checklist on back of this form.</p>					Rng																									
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LAND USE APPROVAL BY:	DATE:	TOTAL SHIELDED LUMENS:																												