City of Boerne Inventory of Natural Features Memo Guidelines

Natural Features are defined as any Hydrologic, Karst, Topographic, or Ecologically significant feature. The memo should include a written description of each feature category. Digital submittal should include a GIS shapefile of the property boundary and onsite photo documentation where relevant. Natural features contained in the narrative descriptions below should be clearly identified on an attached map provided by the applicant as exhibit A.

Property Information

Project Name: ___________________________ Project Address: ___________________________

Total Acreage of Project Site: ___________ Parcel Tax ID(s): ___________________________

Ownership Information

Owner: ___________________________ Address: ___________________________

Telephone: ___________________________ Email: ___________________________

Consultant Information

Company Name: ___________________________

Consultant Contact: ___________________________ Address: ___________________________

Telephone: ___________________________ Email: ___________________________

Feature Information

Overall Site Description: Location, size of tract(s), dominate vegetative cover types, current land use, existing structures, and any groundwater wells onsite. If wells are present, note if they are abandoned, plugged or operational.

Hydrologic Feature Description

Stream Present (Y/N)

If Yes, Description:

• Perennial, Intermittent, or Ephemeral?
• Stream section description (riffle, run, pool)
• Document any Springs, Seeps or Wetlands
• Riparian Buffer Condition:
  o Is there a clearly defined floodplain?
  o Approximate riparian buffer width?
  o Provide estimated percent coverage of stabilizing grasses, sedges, native woody vegetation, and exotic woody vegetation along the length of each bank.
  o Are there medium to large native tree species such as cypress, sycamore, pecan, elm, willow or oak providing shade to stream?
Karst Feature(s) Description

- Caves, Sinkholes, Solution Cavities, Surface Fractures, Swallets, or other recharge feature, including surface depressions that may contain recharge features that have been filled or silted in.
- Include any dry reach of perennial stream during normal streamflow conditions
- Describe method(s) used for onsite survey of Karst features.

Topographic Feature(s) Description

- Exposed Rock Outcrops, Canyons, Ravines, Bluffs
- A-typical mounds or depressions
- Significant elevation changes
- Vantage points providing long-range views

Ecologically Significant Features Description

- Describe any unique plant community, including:
  - Rare or endangered plant species
  - Large trees for their species
  - Areas of native tallgrass prairie
  - Presence of invasive/exotic species
  - Presence of Oak Wilt. Include areas of significant tree mortality.