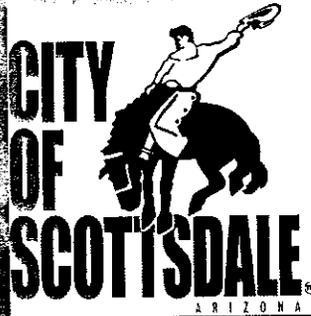


After Permit Issuance

- **March 2, 2007 – Developer’s Engineer requests reduction in dry wells based on field test**
- **March 31, 2007 – Meet w/Acting CE to discuss proposed reduction**
- **April 19, 2007 – Developer’s appeal Code Section 9-6-7**
- **May 9, 2007 – Deputy City Manager grants 25% reduction**
- **May 31, 2007 – Met with new City Engineer**
- **June 13, 2007 – Partial Testing Protocol from developer**
- **July 12, 2007 – City develops protocol, met w/developer**
- **July 17, 2007 – Field Tests conducted**
- **August 16, 2007 – City Engineer grants 50% reduction**
- **December 11, 2007 – City Engineer’s attached letter**



City of Scottsdale

Storm Event: 100 year/2 hour (2.65")

Drain Time: 36 hours

**Runoff Coefficients: Flood Control District's
DDM VOL 1**

**Drywells: Will NOT Accept, must drain to
wash, storm drain, or floodway**



Chandler • Arizona
Where Values Make The Difference

City of Chandler

- **Storm Event: 100 year/2 hour + 10% Basin Volume**
- **Drain Time: 36 hours**
- **Runoff Coefficients: More conservative, 5% Basin Size Increase**
- **Drywells: Single Chamber Drywells NOT Accepted, Dual or greater**
- **Drywell Drainage Rate: 12,960 cubic feet/well, Surface Perc Test Drywell test up to 0.5 cfs**



Town of Gilbert

- **Storm Event: 50 year/2 hour (3")**
- **Drain Time: 36 hours**
- **Runoff Coefficients: More conservative, w/Larger Storm 10% Basin Size Increase**
- **Drywells: Single Chamber**
- **Drywell Drainage Rate: Not to exceed 43,500 cf/well, Data must substantiate Drywell MUST flow 0.5 cfs Succeeding drywells deeper**



City of Glendale

- **Storm Event: 100 year/2 hour**
- **Drain Time: 36 hours**
- **Runoff Coefficients: MCFCD Coefficients, 15% Basin Size Increase**
- **Drywells: Undefined**
- **Drywell Drainage Rate: Not to exceed 12,960 cf/well,
To reduce, ALL drywells must
be tested
Allow 50% of test rate if
approved by City
Fines levied if they don't drain**



City of Phoenix

City of Phoenix

- **Storm Event: 100 year/2 hour**
- **Drain Time: 36 hours**
- **Runoff Coefficients: More conservative, 15% Basin Size Increase**
- **Drywells: Undefined**
- **Drywell Drainage Rate: Not to exceed 12,960 cf/well, Must submit a detailed soils report w/perc test
Up to 0.5 cfs
All wells must be inspected by City before backfill.**
- **CC&Rs: Must replace/refurbish with new well if they do not drain within 36 hours
Must maintain minimum every 3 years**



- **Storm Event: 100 year/2 hour**
- **Drain Time: 36 hours**
- **Runoff Coefficients: Least Conservative 10 to 15%
less than other cities**
- **Drywells: Single Chamber Allowed**
- **Drywell Drainage Rate: Not to exceed
9,300 cf/well
Max Depth 75'**
- **Drywell Variance: Not to exceed 18,600 cf/well**