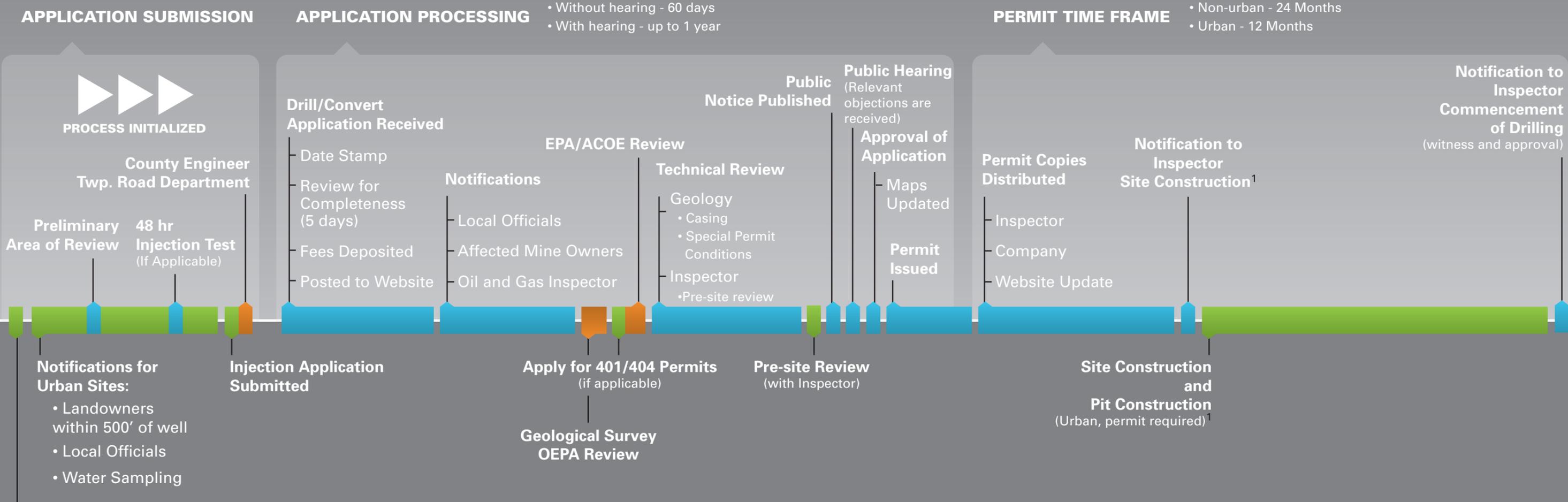


CLASS II INJECTION WELL PERMITTING AND DRILLING TIME LINE*

Industrial and Regulatory Procedures and Responsibilities

APPLICATION AND PERMITTING



Registration with ODNR Division of Oil and Gas Resources Management:

- Insurance
- Bonding
- Authority & Authorization Form

KEY

- Industrial Responsibilities
- Division of Oil and Gas
- Other Regulatory Agencies
- Undefined Responsibilities

DEFINITIONS

DNR: Ohio Department of Natural Resources
ACOE: Army Corps of Engineers
EPA: Ohio Environmental Protection Agency
PUCO: Public Utilities Commission of Ohio
ODH: Ohio Department of Health
NORM: Naturally Occurring Radioactive Material
401 Permit: Isolated Wetland Permit EPA
404 Permit: Stream Impact Permit ACOE
BOP: Blow-out Preventer

NOTES

¹For the conversion of an existing well to a class II well, go to mechanical integrity testing (approx. day 40.)

* Time line not to scale; it is for visual representation only.

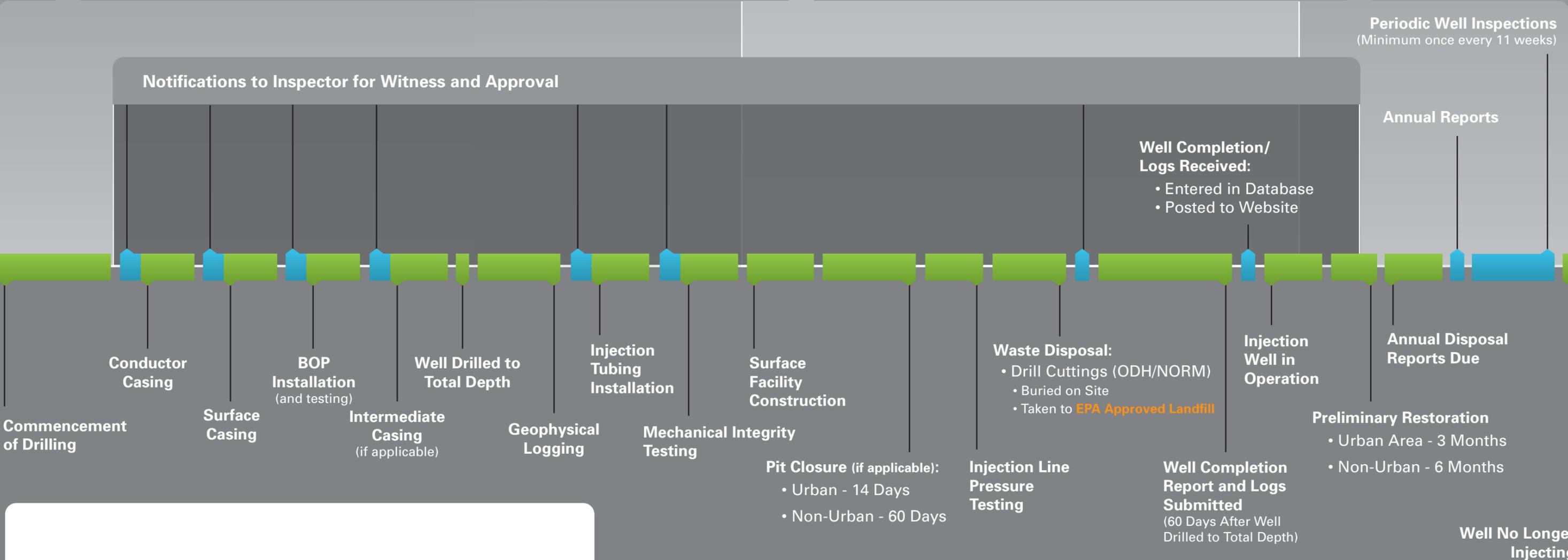
CLASS II INJECTION WELL PERMITTING AND DRILLING TIME LINE*

ACTIVE WELL SITE

6 TO 51 DAYS

1 TO 4 MONTHS

1 TO 30+ YEARS



* Time line not to scale; it is for visual representation only.

CLASS II INJECTION WELL PERMITTING AND DRILLING TIME LINE*

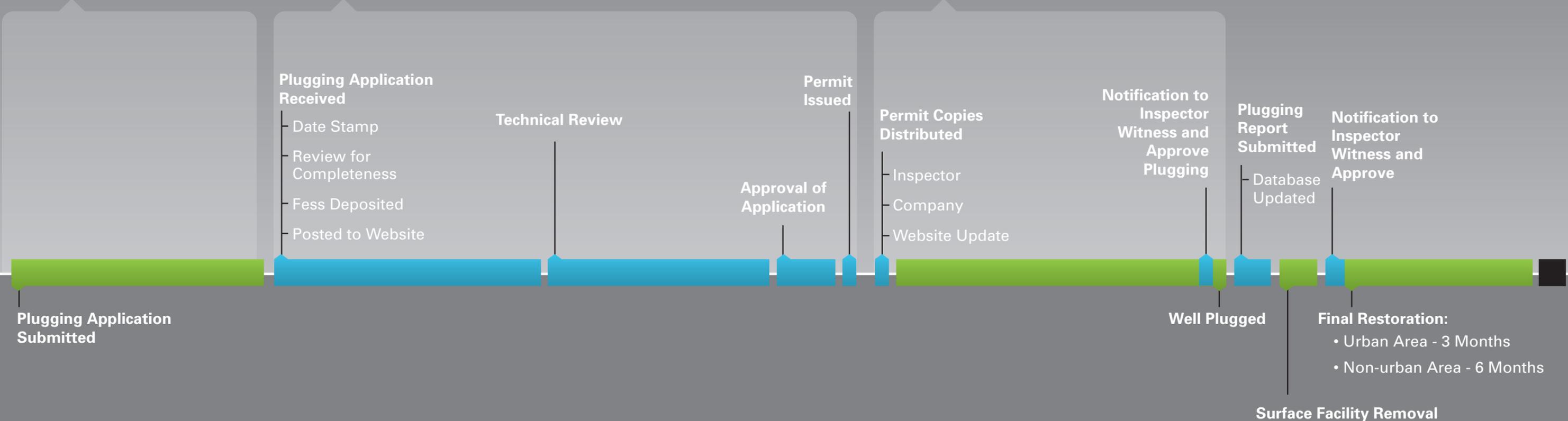
APPLICATION AND PERMITTING FOR WELL CLOSURE

INACTIVE WELL

PROCESSING TIME FRAME

- Expedite - within 7 days
- Other - 10 to 21 days

VALID 2 YEAR PERMIT



NOTES

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* Time line not to scale; it is for visual representation only.