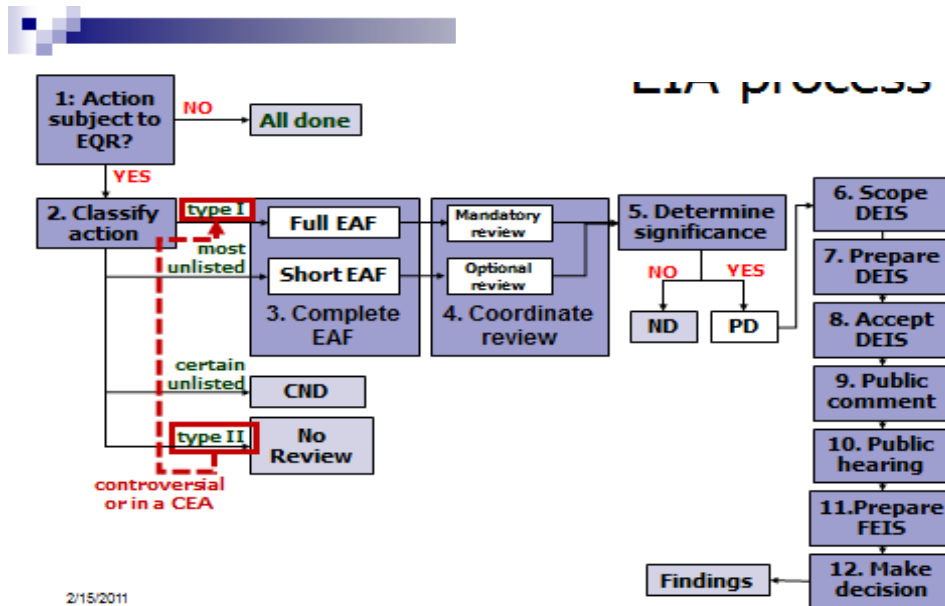


NAME:

75 MINUTES; HAND IN YOUR 1 SHEET OF NOTES WITH THE EXAM; ASK FOR EXTRA PAPER IF NEEDED. MAKE (AND STATE) ANY REASONABLE ASSUMPTIONS NECESSARY TO GET AN ANSWER IN ADDITION TO THOSE GIVEN. CHECKING WHETHER THE ANSWER MAKES SENSE MAY HELP YOU EARN PARTIAL CREDIT IF YOU WENT WRONG SOMEWHERE.

GIVEN INFORMATION

1. The SEQR environmental quality review process



2. Equations

$$(E3.1) M = \frac{\text{Impacted condition} - \text{Existing condition}}{\text{Increment criterion}}$$

$$(E3.2) M = \frac{\text{Impacted condition}}{\text{Threshold criterion}}$$

$$(E3.3) \text{Overall rating for each alternative} = \sum_{n=1, N} I_n M_n$$

3. Environmental attributes (those with * are in the CEQR technical manual):

Human

- Public health *
- Socioeconomic conditions *
- Infrastructure *
- Community facilities *
- Historic resources *
- Traffic & parking *
- Transit & pedestrians *
- Waterfront revitalization plan *
- Neighborhood character *
- Urban design *
- Visual resources *
- Shadows *
- Public policy *
- Natural resources *, Energy *, Solid waste & sanitation *

Air

- Air quality *, Atmospheric stability

Land

- Land-use, zoning *, Open space *, soil contamination, soil erosion

Water

- Water quality, water quantity, flow variations, aquifer yield

Sound

- Noise *