

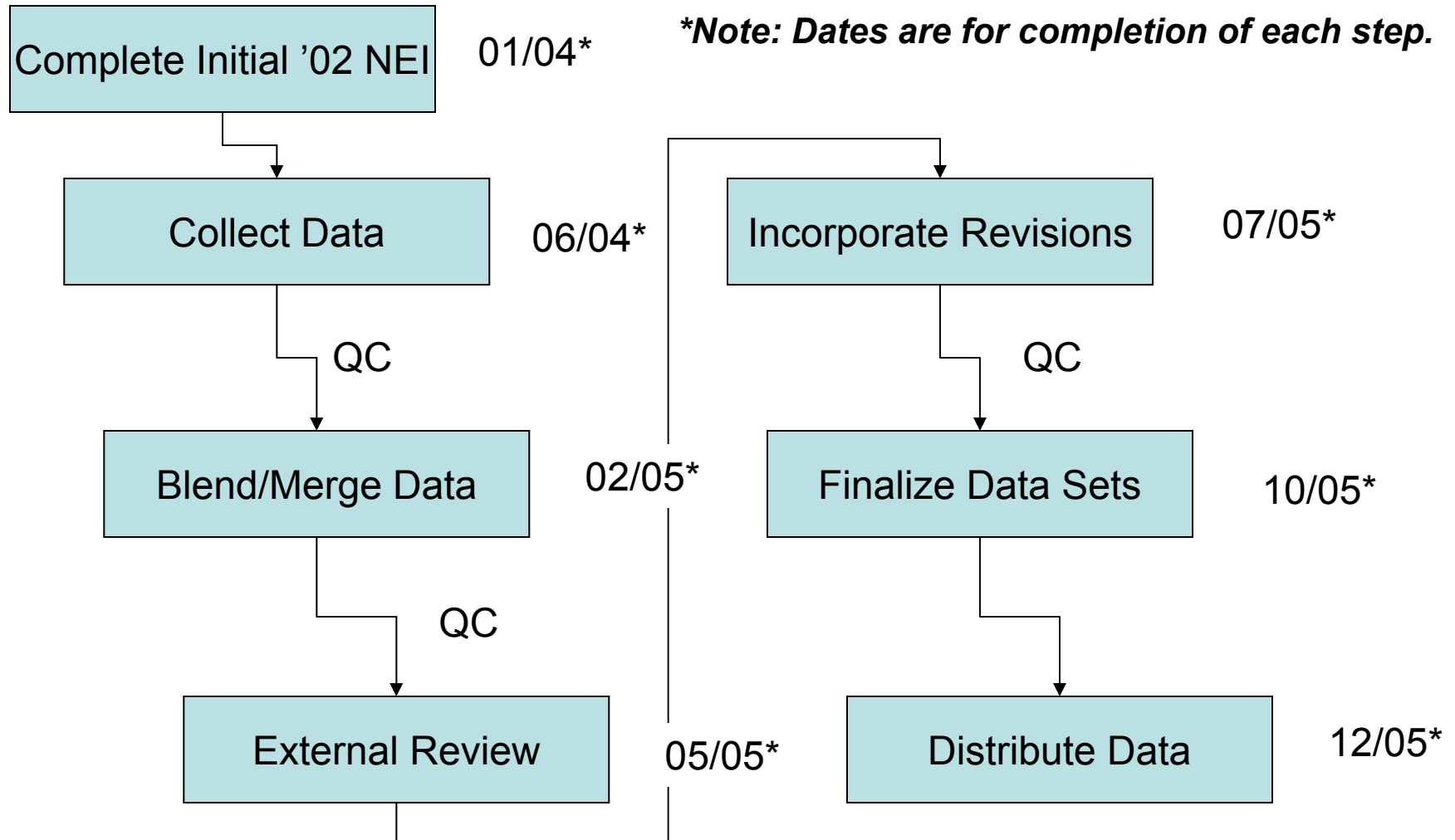
2002 National Emission Inventory (NEI)

- Briefing by: David Misenheimer,
USEPA
 - For: RPO Meeting
 - Location: St. Louis
 - Date: 11/4/03

Purpose of this Briefing

- Share our current thinking
- Get your reaction at this stage

Milestones for 2002 NEI



Changes Compared w/ 1999 NEI

- Updated input formats (NIF 3.0 & XML Schema)
- CERR in place
- Integrating HAPs and criteria data
- Implementing EPA Data Standards
- Incorporating Facility Registry System ID's

Changes Compared w/ 1999 NEI (continued)

- More automated approach
- Option for two rounds of S/L/T revisions
- Specifying nonpoint categories where we will create a comprehensive, consistent set of estimates
- Peer Review of final product & methodology
- More detailed development plan - will post draft by Dec 1

Basis for Emission Estimates

- EGU's: CAMD CEM, DOE, S/L/T
- NonEGU Point: S/L/T (2002, 2001, 1999)
- NonPoint: EPA, S/L/T
- Onroad: FHWA, MOBILE6, S/L/T
- Nonroad: NONROAD Model, S/L/T

2001 NEI Point Source Data Rcvd

	State	Pollutants
1	Arkansas	Both
2	California	Criteria
3	Colorado	Both
4	Connecticut	Criteria
5	Delaware	Criteria
6	Hawaii	Criteria
7	Idaho	Criteria
8	Kansas	Criteria
9	Louisiana	Both
10	Maine	Criteria

	State	Pollutants
11	Massachusetts	Both
12	Michigan	Criteria
13	Minnesota	Criteria
14	Mississippi	Both
15	Missouri	Criteria
16	North Carolina	Both
17	Nevada	Both
18	New Mexico	Criteria
19	Ohio	Criteria
20	Oregon	Criteria

	State	Pollutants
21	Pennsylvania	Both
22	Rhode Island	Criteria
23	Texas	Both
24	Tennessee	Criteria
25	Virginia	Both
26	Washington	Criteria
27	West Virginia	Criteria
28	Wyoming	Both

	Local Agency	Pollutants
1	Chattanooga-Hamilton Co. Air Poll. Cntrl	Criteria
2	City of Albuquerque	Both
3	City of Omaha	Both
4	Jefferson County Board of Health	Both
5	Lincoln-Lancaster County Health Dept.	Both
6	Puget Sound Clean Air Agency	Criteria
7	WNC Regional Air Quality Agency	Criteria

Incorporation of Tribal Data

- Point data will be added as is
 - Will be reconciled w/ data from S/L's where necessary
- Area/Mobile data will be added where possible
 - Prioritize on contribution to emissions, detail of data
 - Will be reconciled w/ data from E/S/L's where necessary

Other NEI Issues

- Annual vs. daily emissions
- EGUs – federal data only?
- Mobile sources - Tons vs. model inputs
- Agriculture issues
- Fires and open burning issues
- Fugitive dust
- Coordination with RPO inventory efforts
- Relationship to future SIP inventories
- Subsequent versions/ version proliferation
- Improved data access
- QA/QC
- Peer review

EPA's QC Priorities for S/L/T's

- We are able to estimate emissions for electric generators, area sources, mobile sources
- Need State/Local/Tribes to provide data for and/or look closely at:
 - Nonutility point sources
 - Certain area source categories
 - Largest emitters for each pollutant (eg top 50)
 - Emissions, units (tons, lbs), stack parameters, locational coordinates, boiler size (esp top emitters)
- Use consistent site ID's. If starting a new ID system, give EPA a crosswalk.

Next Steps

- Outreach: RPO EI Forum, EPA RO's, S/L/T's, STAPPA/ ALAPCO Emissions & Modeling Committee, etc.
- Nov 30 - Post draft plan
- Modify plan based on input
- January 1, 2004 - Finalize and post initial version of '02 NEI
- January 1 to June 1, 2004 - Receive EI revisions and new submittals